

PROJECT AGREEMENT

AI.GRIDS

BETWEEN:

- **CRESYM**, an international non-profit association (AISBL), incorporated under the laws of Belgium under number 0790 603 745, with its registered office at Mitwit, Square de Meeûs 38-40 1000 Brussels (Belgium), and represented by Sébastien LEPY, in his capacity as General Manager.

Hereinafter "**CRESYM**";

- **Alliander N.V.**, a limited company registered under the laws of the Netherlands under number 000008047405 at the Netherlands Chamber of Commerce, with its registered office at Utrechtseweg 68, 6812AH Arnhem (The Netherlands), and represented by Tom VAN IERSEL, in his capacity as Manager Alliander Research Centre for Digital Technologies.

Hereinafter "**Alliander**";

- **Artelys**, a limited company registered under the laws of France with the Paris trade and companies register under number 428 895 676, with its registered office at 81 rue Saint Lazare 75009 Paris (France), and represented by Nicolas OMONT, in his capacity as Vice President Operations.

Hereinafter "**Artelys**";

- **CyberGrid GmbH**, a limited company incorporated under the laws of Austria under number FN 457443k, with its registered office at Rothschildplatz 3, Top 3.07.A, 1020 Vienna (Austria) and represented by Alexander KOFINK, in his capacity as Chief Executive Officer and Peter NEMCEK as Chief Technical Officer.

Hereinafter "**CyberGrid**";

- **European Distribution System Operators AISBL**, non-profit association (AISBL) incorporated under the laws of Belgium under number 825.054.581, with its registered office at Rue de la Loi, 82, 1040 Brussels (Belgium), and represented by Charles ESSER, in his capacity as Secretary General.

Hereinafter "**E.DSO**";

- The **Ecole Nationale Supérieure des Mines de Paris**, a French scientific, cultural and professional public institution, whose address is 60 boulevard Saint-Michel, 75272 Paris Cedex 06 (France), duly represented by Mr Godefroy BEAUVALLET acting as Director General, or his duly authorised representative Paolo STRINGARI in his capacity as Research Director.

Hereinafter "**Mines Paris-PSL**";

- **ELES doo**, incorporated under the laws of Slovenia under number 5427223000, with its registered office at Hajdrihova 2, 1000 Ljubljana (Slovenia), and represented by Aleksander MERVAR, in his capacity as CEO.

Hereinafter "**ELES**";

- **GML transmission line solutions, S.A.**, commercially known as “**Enline**”, incorporated under the laws of Portugal under number 515112224, with its registered office at R. Combatentes da Grande Guerra 14 Mirandela (Portugal), and represented by Manuel LEMOS, in his capacity as CEO.

Hereinafter “**Enline**”;

- **EPRI Europe**, registered under the laws of Ireland under the number 643773, with its registered office at 3 Dublin Landings, North Wall Quay, Dublin 1, Dublin (Ireland) and represented by Eamonn LANNOYE, in his capacity as Managing Director.

Hereinafter “**EEU**”;

- **Energijos Skirstymo Operatorius AB**, a limited company, incorporated under the laws of Republic of Lithuania under number 304151376, with its registered office at Laisvės pr. 10, LT-04215, Vilnius (Lithuania), and represented by Andrius TALACKA, in his capacity as Head of Innovation & Transformation Department.

Hereinafter “**ESO**”;

- **Fondazione Bruno Kessler**, incorporated under the laws of Italy under number REA 194804, with its registered office at Via S. Croce 77, 38122 Trento (Italy), and represented by Andrea SIMONI, in his capacity as Secretary General.

Hereinafter “**FBK**”;

- **Forschungszentrum Jülich**, a limited liability company (Gesellschaft mit beschränkter Haftung, GmbH), incorporated under the laws of Germany under number HR B 3498 (Commercial Register of the District Court of Düren), with its registered office at Wilhelm-Johnen-Straße, 52428 Jülich (Germany), and represented by Andrea BENIGNI, in his capacity as Director of the Climate & Energy Systems Institute.

Hereinafter “**FZJ-ICE**”;

- **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.** (Hansastraße 27c, 80686 München) for its Fraunhofer Institute for Applied Information Technology - **FIT**, registered association, incorporated under the laws of Germany under number VR4461, with its registered office at Schloss Birlinghoven 1, 53757 Sankt Augustin (Germany) and represented by Annika NIBL and Thomas FISCHER.

Hereinafter “**Fraunhofer**”;

- **Hellenic Electricity Distribution Network Operator SA**, a public limited company, incorporated under the laws of Greece with the VAT number EL094532827 at the tax office FAE Athens, with its registered office at Perraivou 20 & Kallirrois 5, 117 43 Athens (Greece) and represented by Georgios LOUKOS in his capacity as Head of Research & Innovation department.

Hereinafter “**HEDNO**”;

- **INESC TEC**, incorporated under the laws of Portugal, with VAT number PT504441361, with its registered office at Campus da FEUP rua Dr Roberto Frias s/n 4200-465 Porto (Portugal), and represented by Luis SECA, in his capacity as Member of the Executive Board.

Hereinafter “**I-TEC**”;

- **Institute of Communication and Computer Systems - ICCS**, incorporated under the laws of Greece with VAT number number EL 090162593, with its registered office at 42 Patision str. Athens, 10682, Athens (Greece), and represented by Em.Prof. Ioannis PSARRAS, in his capacity as Director.

Hereinafter “**ICCS**” or “**EPU-NTUA**”;

- **Independent Power Transmission Operator SA**, registered under the number 090000045, in General Commercial Registry (GEMI – Greece), located at Dyrachiou 89 & Kifissou Avenue, 104 43 Athens (Greece), and represented by Ioannis MORAITIS, in his capacity as Director of Research Technology and Development Directorate.

Hereinafter "**IPTO**";

- **Institut de Recherche Technologique SystemX**, Fondation de coopération scientifique (FCS), incorporated under the laws of France under number SIREN 753 408 962, with its registered office at Palaiseau (91120), 2 boulevard Thomas Gobert, France, and represented by Monsieur Michel MORVAN in his capacity as President, having delegated its signature to Pol François LABROGERE as General Director.

Hereinafter "**IRT SystemX**";

- **NaTran**, a public limited company with board of directors with capital of 639 933 420 euros, incorporated under the laws of France, registered with the Nanterre trade and companies register under number 440 117 620, with its registered office at 6 rue Raoul Nordling Immeuble Bora 92270 Bois-Colombes (France), and represented by Pierre BLOUET duly authorised for the purpose of this Project, in his capacity as Director of Research, Development and Innovation.

Hereinafter "**NaTran**";

- **Netz Niederösterreich GmbH**, a limited company incorporated under the laws of Austria under number FN 268133p, with its registered office at EVN Platz, 2344 Maria Enzersdorf, Austria, and represented by Christian SCHIRMER, in his capacity as Procurator, and Werner HENGST as Managing Director.

Hereinafter "**NNÖ**";

- **Centro de Investigação em Energia REN-State Grid, S.A.**, a research and innovation company incorporated under the laws of Portugal under number PT510640591, with its registered office at Rua Cidade de Goa, 4B – 2685-038 Sacavém (Portugal), and represented by Nuno SOUZA E SILVA, in his capacity as Managing Director.

Hereinafter "**R&D NESTER**"

- **Ricerca sul Sistema Energetico – RSE S.p.A.**, incorporated under the laws of Italy under number 05058230961 (VAT and Tax ID number), with its registered office at Via R. Rubattino 54, 20134 Milano (Italy), and represented by Luciano MARTINI, in his capacity as Director of the Generation Technologies and Materials Department.

Hereinafter "**RSE**";

- **RTE - RESEAU DE TRANSPORT D'ELECTRICITE**, a public limited company with board of directors and a supervisory board with a capital of 2 132 285 690 euros, registered on the Nanterre trade and business register under the number 444 619 258, having its head office located at Immeuble Window, 7C Place du Dôme, 92073 Puteaux – La Défense cedex (France), and represented by Gabriel BAREUX, Director R&D.

Hereinafter "**RTE**";

- **RWTH Aachen university**, incorporated under the laws of Germany, with its registered office at Templergraben 55, 52056 Aachen (Germany), and represented by Prof. Dr. rer. nat. Dr. h. c. mult., Ulrich RUEDIGER, in his capacity as Rector, and Antonello MONTI, in his capacity as Professor.

Hereinafter "**RWTH Aachen**";

- **Swissgrid AG**, a limited liability company, incorporated under the laws of Switzerland under number CHE-112.175.457, with its registered office at Bleichemattstrasse 31, 5001 Aarau (Switzerland), and

represented by Emanuele COLOMBO, in his capacity as Head of Market Strategy and Nell REIMANN, in her capacity as Head of Market, member of the Executive Board.

Hereinafter "**Swissgrid**";

- **TenneT TSO B.V.**, a limited liability company, incorporated under the laws of The Netherlands under number 09155985, with its registered office at Utrechtseweg 310, 6812 AR Arnhem (The Netherlands), and represented by Akshaya PRABAKAR in her capacity as Manager Strategy and Transformation and Paul POTTUIJT in his capacity as Manager System Operation and Market development.

Hereinafter "**TenneT NL**";

- **Technische Universiteit Delft**, incorporated under the laws of The Netherlands under number 27364265, with its registered office at Stevinweg 1, 2628CN Delft (The Netherlands), and represented by Prof. dr. ir. L. J. VAN VLIET, in his capacity as Dean of the Faculty of Electrical Engineering, Mathematics and Computer Science.

Hereinafter "**TU Delft**";

- **Technical University of Cluj-Napoca**, incorporated under the laws of Romania under number 4288306, with its registered office at Memorandumului 28, 400114, Cluj-Napoca (Romania), and represented by Vasile TOPA, in his capacity as Rector.

Hereinafter "**TUCN**";

- **Nederlandse Organisatie voor Toegepast Natuurwetenschappelijk Onderzoek (TNO)**, incorporated under the laws of The Netherlands under number 27376655, with its registered office at Anna van Buerenplein 1, 2595 DA Den Haag (The Netherlands), and represented by Marc ZEGVELD, in his capacity as Managing Director Unit ICT Strategy and Policy.

Hereinafter "**TNO**";

- **Ubitech Energy Sprl**, incorporated under the laws of Belgium under number 0715.655.013, with its registered office at Koningin Astridlaan 59b, 1780 Wemmel (Belgium), and represented by Thanassis BOURAS, in his capacity as Research Strategy Director.

Hereinafter "**Ubitech Energy**";

And ("second round", see Article 8.28)

- **50Hertz Transmission GmbH**, a limited liability company (GmbH), incorporated under the laws of Germany at Amtsgericht: Charlottenburg under commercial register number HRB 84446, with its registered office at Heidestraße 2, 10557 Berlin, Germany, and represented by Ana CIGARAN ROMERO in her capacity as Head of Department Advisory & Cooperation and Ralf HEISIG in his capacity as Product Lead, Future Product Development.

Hereinafter "**50Hertz**";

- **Amprion GmbH**, a limited liability company registered under the number HRB 15940 in the Commercial Register of the District Court of Dortmund, located Robert-Schuman-Straße 7, 44263 Dortmund (Germany), and represented by Gerald KAENDLER, Vice President European Affairs and Henning MARQUARDT as Head of Innovation Management.

Hereinafter "**Amprion**";

- **Areti S.p.A.**, a limited company incorporated under the laws of Italy under number 05816611007, with its registered office at Piazzale Ostiense n.2, Rome (Italy), and represented by Raffaele DE MARCO, in his capacity as Chief Executive Officer.

Hereinafter "**Areti**";

- **Austrian Institute of technology GmbH**, incorporated under the laws of Austria under number FN115980i, with its registered office at Giefinggasse 4, 1210 Wien (Austria), and represented by Frederich KUPZOG, in his capacity as Head of Centre for Energy and Mark STEFAN in his capacity as Head of Competence Unit Power & Renewable Gas Systems.

Hereinafter "AIT";

- **Austrian Power Grid AG**, incorporated under the laws of Austria under number FN 177696v, with its registered office at Wagramer Straße 19 (IZD-Tower) 1220 Vienna (Austria), and represented by Pascal PLANK.

Hereinafter "APG"

- **Budapesti Műszaki és Gazdaságtudományi Egyetem** (Budapest University of Technology and Economics), incorporated under the laws of Hungary under number FI23344, with its registered office at 1111- Budapest, Muegyetem rkp 3. (Hungary), and represented by Hassan CHARAF, in his capacity as Rector and by Sandor IMRE, in his capacity as Dean.

Hereinafter "BME";

- **ČEPS a.s.**, a joint-stock company, incorporated under the laws of the Czech Republic under number 25702556, with its registered office at Elektrárenská 774/2, Michle, 101 00 Prague 10 (Czech Republic), and represented by Ing. Svatopluk VNOUČEK, Ph.D., in his capacity as Vice-Chairman of the Board of Directors, and Ing. Radek HARTMAN, MBA, in his capacity as Member of the Board of Directors.

Hereinafter "ČEPS";

- **Cyprus University of Technology**, Faculty of Engineering and Technology, with its registered office at 30 Archbishop Kyprianos Street 3036 Limassol (Cyprus), and represented by Charalambos CHRISOSTOMOU, in his capacity as legal representative.

Hereinafter "CUT";

- **Danmarks Tekniske Universitet**, incorporated under the laws of Denmark under number CVR-nr. 30 06 09 46, with its registered office at Anker Engelunds Vej 101 2800 Kongens Lyngby (Danmark), and represented by Jan MADSEN, in his capacity as head of department DTU Compute (Department of Applied Mathematics and Computer Science) and Morten JEPPESEN, in his capacity as head of department DTU Wind (Department of Wind and Energy Systems).

Hereinafter "DTU";

- **European Network of Transmission System Operators for Electricity**, non-for-profit association ("Association Sans But Lucratif"), incorporated under the laws of Belgium under number 0809.819.049, with its registered office at Spastraat 8, 1000 Brussel, and represented by Sonya TWOHIG, in her capacity as General Secretary.

Hereinafter "ENTSOE";

- **Fundación CIRCE**, incorporated under the laws of Spain and registered in the Foundations Registry of Comunidad Autónoma de Aragón with number 2, with its registered office at Parque Empresarial Dinamiza, Avenida Ranillas, Edificio 3D, 1ª Planta, 50018, Zaragoza (Spain), and represented by Andrés LLOMBART ESTOPIÑÁN, in his capacity as General Director.

Hereinafter "CIRCE";

- **HUN-REN SZTAKI**, legal entity with a special status, defined by the HUN-REN Act (Act XCI of 2024), under the laws of Hungary under number 01-08-0000006, with its registered office at Kende u. 13-17, H1111 Budapest (Hungary), and represented by Laszlo MONOSTORI, in his capacity as Director General HUN-REN Research Institute for Computer Science and Control.

Hereinafter "SZTAKI";

- **Polskie Sieci Elektroenergetyczne Spółka Akcyjna**, a joint-stock company incorporated under the laws of the Republic of Poland and registered in the Register of Entrepreneurs of the National Court Register (KRS) under number KRS 0000197596, with its registered office at ul. Warszawska 165, 05-520 Konstancin-Jeziorna, Poland, VAT number PL5262748966, REGON 015668195 and represented by Grzegorz Andrzej ONICHIMOWSKI, President of the Management Board, and dr inż. Tomasz SIKORSKI, Vice President of the Management Board (responsible for system management and R&D related / innovation activities),

Hereinafter "**PSE SA**"

- **Instytut Chemii Bioorganicznej Polskiej Akademii Nauk – Poznańskie Centrum Superkomputerowo-Sieciowe (PCSS)**, a Polish Institute incorporated under the laws of the Republic of Poland and registered in the Register of Scientific Institutes, Register no. RIN-III-16/98 with its registered office at 61-704 Poznań, ul Z. Noskowskiego 12/14 (Poland), and represented by Robert PEKAL in his capacity as Director.

Hereinafter "**PCSS**";

- **AS Sadales tikls**, joint-stock company, incorporated under the laws of Latvia under number 40003857687, with its registered office at Smerla iela 1, Riga, LV-1160, Latvia, and represented by Vīgants RADZINS, in his capacity as Chief Development Officer.

Hereinafter "**ST**";

- **Slovenská elektrizačná prenosová sústava, a.s.**, a joint-stock company incorporated under the laws of the Slovak Republic under identification number 35 829 141, with its registered office at Mlynské nivy 59/A, 824 84 Bratislava, Slovak Republic, and jointly represented by Ing. Martin MAGÁTH, in his capacity as Chairman of the Board of Directors and Chief Executive Officer, and Ing. Milan OREŠANSKÝ, in his capacity as Vice-Chairman of the Board of Directors.

Hereinafter "**SEPS**";

- **SuperGrid Institute SAS**, a French company incorporated in France (RCS Lyon) n°799 482 153, with registered office at 23 rue Cyprian 69100 Villeurbanne, France (France), hereto represented by Hubert DE LA GRANDIERE, CEO.

Hereinafter "**SuperGrid Institute**";

- **T&D Europe**, non-for-profit association ("Association Sans but Lucratif"), incorporated under the laws of Belgium under number 0898.208.617, with its registered office at Avenue des Arts 56, 1000 Brussels (Belgium), and represented by Diederik PEEREBOOM in his capacity as Secretary General.

Hereinafter "**T&D Europe**";

- **TenneT TSO GmbH**, having its registered office at Bernecker Straße 70, 95448 Bayreuth, Germany, registered with the Commercial Register of the Local Court (Amtsgericht) Bayreuth under HRB 4923, duly represented by Johannes VON SCHKOPP (Head Systems & Markets) and Dr. Wilhelm WINTER (Lead Systems & Markets), each acting under power of attorney.

Hereinafter "**TenneT DE**".

Each referred to as a **Party** (or **Participant**) or collectively as a **Parties** (or **Participants**).

.../...

GENERAL TERMS & CONDITIONS¹

WHEREAS

- A. CRESYM is a non-profit association, active in the energy sector whose main activity is to identify barriers to the development of energy system simulation tools, debate about them and, if matching low **TRL** criteria, result in the set up and undertaking of dedicated Research and Development actions.
- B. Such actions, each being a “**Project**”, are undertakings depicted in Appendix 1 to their respective “Specific Terms and Conditions”.
- C. This project agreement complies with a standard lay out where (i) generic governing provisions are exposed in the present “General Terms and Conditions”, which reflect the principles laid out in CRESYM’s Internal Rules and are common to all project agreements involving CRESYM members; (ii) the technical description and practical details are ruled by Appendices 1 to 3 to the “Specific Terms and Conditions”; (iii) if any, specific provisions deviating from the “General Terms and Conditions” provisions and superseding them, are exposed in Article 21 of the “Specific Terms and Conditions”.
- D. CRESYM fosters the following principles of cooperation:
 - Transparency: project participants act in a transparent manner wherever possible. They limit Confidential Information to a minimum. They aim at publishing scientific papers about the Results.
 - Joint development: project participants intend to jointly develop every Result in a collaborative manner to take advantage of every participant’s experience and knowledge and maximise the project output value.
 - Opensource: project participants make their best effort to undertake their tasks as opensource, collaborative works, with the contribution of other contributors than the project participants’ appointed representatives. Every participant devotes time to contribute to the opensource project community and document the project results in order to ensure their upgradability and usability.
 - Public interest: project participants make their best effort to make their results available for free in the public domain, in order for everyone to be able to use them, also as part of a commercial package, as long as the Parties are credited for the invention.
- E. CRESYM offers to disseminate any project result once the said project has been completed. In particular, CRESYM is mandated by project participants, and take charge, to maintain, advertise, and support access to, the project results and animate the community around them. All other project participants support this effort on a voluntary basis.

THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

¹ By exception to other projects of CRESYM, and to ease readability for non-members of CRESYM, the provisions in Article 21 of the first version of AI.grids project agreement submitted to signature on 26th March 2026 that cancelled and replaced, or complemented, the provisions of the “General Terms & Conditions” have been reintegrated in the corresponding Articles as from this second version of the AI.grids project agreement. Such deviations compared to the original General Terms & Conditions are displayed in blue fonts.

A. Introductory provisions

1. Definitions

- 1.1. **Affected Party** means the Party suffering direct damages from a breach of this Agreement, such breach being committed by one or several other Parties or their respective Representatives.
- 1.2. **Agreement** means (i) the “Project Agreement - Specific Terms & conditions”, referring to the present “Project Agreement - General Terms & conditions” and (ii) the present “General Terms & conditions”, including (i) their Appendices, (ii) all Reports and (iii) all documents explicitly approved by the Project Supervisory Board as being Appendices to the Agreement.
- 1.3. **Appendix** means any appendix to this Agreement.
- 1.4. **Asset Terms of Reference** (or in short **AToR**) means a specific agreement framing rights and duties of CRESYM and Results Users vis a vis the access and use of a Results or a collection of Results.
- 1.5. **Background Information** means a piece of Information, which a Party owns or on which it holds rights of use prior to the Agreement or acquires in parallel of it and which are used in the performance of the Project or its exploitation.
- 1.6. **Breaching Party** means a Party causing a breach in the application of this Agreement (see Article 14.3).
- 1.7. **Business Days** means any day except Saturdays, Sundays and the holidays in Belgium (January/1st, Easter Monday, May/1st, Ascension Thursday, Whit Monday, July/21st, August/15th, November/1st, November 11th, December 25th).
- 1.8. **By-laws** (or **CRESYM's By-Laws**) means the latest approved version of the association's by laws (in the French language known as “statuts”).
- 1.9. **CRESYM Board** means the eponym governing body of the association defined by CRESYM's By-Laws.
- 1.10. **Common Project** means that i/ the Project has been approved by CRESYM's General Assembly as a “Common Project of CRESYM” and ii/ the Parties acknowledge this decision, either as a provision in Article 24.5 of the “Specific Terms and Conditions” prior to signature or a subsequent decision of the Project Supervisory Board.
- 1.11. **Community** (or also **Project Community**), respectively **Community Member**, means all Persons, respectively any Person accessing and contributing in writing to the Project Workspace, and/or working on, about or with, a Result delivery or using any Result or part of a Result; including Persons that are neither Parties nor Representatives of the Parties.
- 1.12. **Confidential Information** means all Information, whether initially disclosed by a third party or not, and whether in writing, verbal, graphic, electronic or any other form whatsoever, regardless of whether it is specifically identified as “confidential” or “proprietary”, that the Parties may communicate to one another or any of their Representatives, gain access to, or otherwise disclose on or after the date hereof within the context of this Agreement, but excludes Information which:
 - is in the public domain due to a third party or is available through other sources without breach of this confidentiality undertaking; or
 - has been made available publicly in writing by a Party, which did not gain access to it within the context of this Agreement; or
 - the Issuing Party has confirmed in writing such Information is not required to be treated as confidential; or
 - the Receiving Party can show, the Information was in their possession or known to them (by being in their use or being recorded in their files or computers or other recording media) prior to receipt from the Issuing Party and was not previously acquired by the Receiving Party from the Issuing Party under an obligation of confidentiality; or
 - was developed by the Receiving Party independently from the application of this Agreement.

- 1.13. **Defending Party** means a Party faced with a claim for damages suffered by a third party and resulting from the act or omission of a Breaching Party.
- 1.14. **Effective Start Date** means the date of entry into force of this Agreement, indicated in Appendix 2 to the “Specific Terms & Conditions”, Article 23.1.
- 1.15. **Electronic Signature** means the signature of the documents by electronic means in the meaning of Regulation (EU) 910/2014 on electronic identification and trust services for electronic transactions in the internal market and electronic transmission; including via facsimile, Docusign, or other similar method.
- 1.16. **End Date** means the date that the Project Supervisory Board acknowledges either (i) the delivery or (ii) the motivated termination, of each and every of the expected Results.
- 1.17. **Expected End Date** means the End Date indicated in Appendix 2 to the “Specific Terms & Conditions”, Article 23.2.
- 1.18. **GDPR** means the European General Data Protection Regulation (EU Reg. 2016/679).
- 1.19. **Information** means notably all data, knowledge, know-how, software, document, information regardless of the support (oral or written) and regardless of whether it is protected or not by Intellectual Property Rights.
- 1.20. **Intellectual Property Rights** (or also **IPRs**) means all intellectual property rights, including but not limited to designs, models, copyright, software, database rights, trademarks, know-how, patents, in each case regardless of whether these have been registered or not, including but not limited to the rights to use, prosecute, register and enforce.
- 1.21. **Internal Rules** (or also **CRESYM’s Internal Rules**) means the latest approved version of the association’s internal rules (in the French language known as “règlement intérieur”).
- 1.22. **Issuing Party** means the Party, which discloses Information to another in the Private Workspace.
- 1.23. **Milestone** means a Result flagged explicitly as such in Article 30.1.
- 1.24. **Party** (or also **Participant**) means a signatory of the Agreement.
- 1.25. **Person** means a natural person or body corporate, including any corporation, limited liability company, etc.
- 1.26. **Personal Data** means name, surname, position, contact details, or other private data relating to any individual.
- 1.27. **Project** means the undertaking described in Article 3.1.
- 1.28. **Project Advisory Panel** means all individuals appointed by the Parties in accordance with Article 8.7.
- 1.29. **Project Information** means any piece of Information that is created by one or more Parties and/or Community Members when implementing their Tasks.
- 1.30. **Project Leader** means an individual, Representative of the Party in charge of the Project coordination, member and leader of the Project Management Board, attending and reporting to the Project Supervisory Board and upon request to CRESYM’s Project Committee, in accordance with Article 7.
- 1.31. **Project Management Board** means all individuals duly appointed by the Parties for the implementation of the Project Agreement, except for the matters restricted to the Project Supervisory Board and under the supervision of the latter, in accordance with Article 6.
- 1.32. **Project Supervisory Board** means all individuals duly appointed by the Parties to monitor the Project and implement the Project Agreement with respect to governing and financial matters, in accordance with Article 5.
- 1.33. **Project Team** (or also **Team**) means all the Representatives appointed by the Parties to implement the Project Agreement, as Project Leader, Project Supervisory Board members, Project Management Board members or Project Advisory Panel members.
- 1.34. **Projects Committee** means CRESYM’s Projects Committee, a governing body of the association defined by CRESYM’s internal rules.
- 1.35. **Receiving Party** means the Party receiving Information from an Issuing Party.

- 1.36. **Report** means minutes of a Project Management Board meeting, respectively Project Supervisory Board meeting, appended to the Project Agreement, completing and amending its previous version.
- 1.37. **Representative** means any Person authorised to represent a Party.
- 1.38. **Research Institutions** means all Parties listed in Article 24.4.
- 1.39. **Result** means any final plan, specification, document, contract, report, data, software tool, software component, research outcome, invention, know-how, or other Information, whether held in hard copy, in electronic format or in any other information retrieval system or medium; regardless of whether it is protected or not by Intellectual Property Rights; which are prepared, developed, obtained or assembled by one (or more) Party(ies) in application of the Agreement; and identified as such in the Project Workplan.
- 1.40. **Task** means a specifically defined piece of action within a Project, involving one or more Party(ies), which one Party Representative (i.e. the **Task Leader**) is responsible for, identified and described in the Project Workplan and resulting in a Result with a defined schedule.
- 1.41. **TRL** means “technology readiness level”, established in accordance, and consistent, with the ISO 16290:2013 standard.
- 1.42. **Ultimate Date** means the date, indicated in Appendix 2 to the “Specific Terms & Conditions” Article 23.3 where the Agreement automatically comes to an end, and when the default termination, as provided by Article 13.4 applies, if no earlier End Date has been agreed upon by the Project Supervisory Board.
- 1.43. **User** means any individual or organisation accessing, reading, copying, citing, displaying, exploiting, implementing, adapting and/or improving a Result thanks to the implementation of the corresponding ATorR.
- 1.44. **Workplan** (or also **Project Workplan**) means the set of all the Tasks, the description of the logic and relationships between them, their budget and their scheduling. The initial Workplan is described herein in Appendix 3 to the “Specific Terms & Conditions”.
- 1.45. **Workspace** (or also **Project Workspace**) means a subset of CRESYM’s, or any associated Person’s, IT facilities and/or premises and/or furniture and/or events (esp. meetings, email exchanges), dedicated to the implementation of the Project; where all Information related to the Project is share and/or stored.
- 1.46. The **Open Workspace** (or also **Project Open Workspace**) means a subset of the Project Workspace publicly available, hence accessible by the Project Community, hosted (and possibly split) on one (or more) external platforms (ex: GitHub), where it is identified as a unitary, consistent subset of the platform (such subset usually referred to in the corresponding terms of reference as a ‘project’, ‘workspace’, etc.), as supplied in Appendix 2 to the “Specific Terms & Conditions”, Article 25.1.
- 1.47. The **Private Workspace** (or also **Project Private Workspace**) means a subset of the Project Workspace available solely to the Project Team, CRESYM’s General Manager and all those whom such access is granted, as specified in Appendix 2 to the “Specific Terms & Conditions”, Article 25.2 (including all email exchanges, when the original email of the conversation involves only one or more of the abovementioned Persons, as sender and addressees).

AI.grids specific definitions

- 1.48. **College** means a group of Parties sharing the same Role (see Article 1.49), i.e. either **E-Parties**, **G-Parties**, **I-Parties** or **R-Parties**.
- 1.49. **Role** means either of the four following categories:
- **European organisation** (or short **E-Party**) means one of the Parties listed as “**E-Party**” in Article 34.1, provided that it is incorporated in the EU-27, Norway, Switzerland or the United Kingdom;
 - **Grid operator** (or short **G-Party**) means one of the Parties listed as “**G-Party**” in Article 34.1, provided that it is an entity incorporated in the EU-27, Norway, Switzerland or the United Kingdom, and certified according to EU Directive 2009/72/EC (or equivalent in Norway, Switzerland or the United Kingdom) as Transmission System Operator (or short **TSO**) or Distribution System Operator (or short **DSO**) or equivalent;

- **Other industrial partner** (or short **I-Party**) means one of the Parties listed as “**I-Party**” in Article 34.1 and provided that it is incorporated in the EU-27, Norway, Switzerland or the United Kingdom;
- **Research or Technology Organisation** (or short **R-Party**) means one of the Parties listed as “**R-Party**” in Article 34.1 and provided that it is incorporated in the EU-27, Norway, Switzerland or the United Kingdom and that either half of more or it is owned by one or more public authorities or it matches the cumulative following criteria: i/ it is set up by the decree of a public authority, ii/ more than 25% of its funding is public, iii/ more than 50% of its effort is about research and innovation and iv/ its results can be accessed in a non-discriminatory manner;
- **Stakeholder** (in short “**S**”) means one of the organisations listed in Article 34.2;

For the sake of clarity, an organisation listed as “Stakeholder”, though having this identified Role, is no Party to the Agreement and collectively, all Stakeholders are a group but no College.

In addition, CRESYM is Party to the Agreement but has none of the above Roles, as it is acting as facilitator also on behalf of all other Parties.

1.50. **Institutional Observer** means the European Commission Directorate General for Energy.

1.51. **Public Organisation** means either

- an entity meeting the requirements to qualify as G-Party; or
- an entity meeting the requirements to qualify as R-Party.

1.52. **Core Group** (respectively **Core Group Member**) means the following four Parties altogether (respectively one of them): CRESYM, Fraunhofer, INESC TEC, ICCS.

1.53. **Key Player** means either a Core Group Member, or a Party who contributes to the Project with one or more Resource(s) (in Article 1.54) as listed in Article 34.1.

1.54. **Resource** means a specific contribution of a Party to the Project among either

- ten thousand euros of Project funding per year (10 000 €/year) or more; or
- in-kind with more than three (3) person.months of expert(s) of theirs;
- or in-kind with Computation Facilities (see below) made available as Resource to the Project;
- or in-kind with Input Data (see below) made available to other Parties, so that they can be processed in the framework of the Project.

The supply of expertise, Input Data or Computation Facilities, though complimentary, may be conditioned by the supplying Party (and then through a Task Agreement completing the present Agreement. The Task Agreement shall include the necessary cybersecurity provision to comply with NIS and NIS2 Directives.)

Computation Facilities means any IT assets, computation means and/or related storage capabilities specially designed (or updated) and utilised in order to develop or implement artificial intelligence tools.

Input Data means a piece of Background Information depicting grid assets or the operation conditions or state of a piece of the grid of the EU27, Norway, Switzerland or United Kingdom.

1.55. **Service** means a paid, or otherwise compensated, contribution to the Project by a supplying Party, i.e. either the supply of Computation Facilities, Input Data, paid expertise or consulting, based on a Task agreement (see Article 8.31)

1.56. **Key Result** (respectively **Ordinary Result**) means a Result that is flagged as such in Article 30.1 (respectively any other one).

1.57. **Working group** means one of the five (5) following Tasks, each further described in Article 31: WG1, WG2A, WG2B, WG3A, WG3B; or all the individuals listed as contributing to the said Task, depending on the context.

2. Interpretation

- 2.1. **Comprehensiveness.** This Agreement supersedes all prior agreements between the Parties with respect to its subject matter and constitutes a complete and exclusive statement of the terms of the agreement between the Parties with respect to its subject matter.
- 2.2. **Hierarchy.** ~~In case of textual differences between the present “General Terms and Conditions” and CRESYM Internal Rules, and/or differences or divergences in the interpretation of the said documents, the provisions stated in the present “General Terms and Conditions” supersede the corresponding provisions in CRESYM Internal Rules. Contrary to, and superseding the first paragraph of Article 2.2, CRESYM’s By-Laws and Internal Rules do not prevail over the Agreement. (For the avoidance of doubt, rights and obligations arising out of CRESYM’s By-Laws and Internal Rules continue to apply to Parties that are also CRESYM members.)~~

In case of textual differences between provisions in Article 21 of the “Specific Terms and Conditions”, if any, and the present “General Terms and Conditions”, and/or differences or divergences in the interpretation of the said documents, the provisions stated in Article 21 of the “Specific Terms and Conditions” supersede the corresponding provisions of the “General Terms and Conditions”.

- 2.3. **Definitions.** Defined are all terms and expressions starting with a capital letter in this Agreement, that are listed, and with the meaning given to them, in Article 1, unless the context necessarily requires otherwise.
- 2.4. **Phrases.** The expressions “including” (or any other derived term or expression such as “to include”), “i.e.”, “such as”, and the like, must not be construed restrictively but as “including but without limitation” or “without prejudice to the generality (of the foregoing)”.
- 2.5. **Severability.** Should any one or more of the provisions contained in this Agreement for any reason be held by a court or arbitrator of competent jurisdiction to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision hereof, and such invalid, illegal or unenforceable provision (or provisions) shall be reformed and construed so that it (or they) will be valid, legal and enforceable to the maximum extent permitted by law.
- 2.6. **No Partnership.** This Agreement does not create any partnership, joint venture, or agency of any kind between the Parties and none of the terms or provisions of this Agreement shall be interpreted as creating any such partnership, joint venture or agency, it being understood that the Parties nevertheless herein agree to develop together the Project pursuant to the terms of this Agreement.
- Each Party is liable for its own commitments only. The Parties do not assume joint and several liability.
- 2.7. **No Employment.** This Agreement does not create an employment relationship between a Party and/or any individual involved by the implementation of the Agreement, be they a Project Team member or another Community Member, unless otherwise expressly stated in writing.

Nothing in this Agreement shall be construed or have the effect of giving rise to a relationship of employer and employee between any Party and any Community Member.

B. Scope and Objectives of cooperation

3. Objectives & principles of cooperation

- 3.1. **Goal.** This Agreement organises the cooperation between the Parties for the Research & Development Project depicted in Appendices, especially Appendix 1 to the “Specific Terms & Conditions”, stipulates their respective rights and obligations, the expected outputs, the management of the Project, etc.
- 3.2. **Best effort principle.** Each Party commits to do its best effort to contribute to achieve the Project goals and deliver the Results in the most efficient manner as can be, i.e., with the highest quality possible while respecting the Project’s budget constraints.
- 3.3. **Opensource principle.** The Parties to this Agreement aim to develop technologies and/or products that will be made available to the public free of charge, in accordance with the opensource principle of

cooperation pursuant to this Agreement, and with the objective to share inasmuch as possible the technological standards and/or innovations developed by the Project.

- 3.4. **IPRs principle.** All Parties to this Agreement except CRESYM shall own indivisibly and in equal parts all Results and related IPRs. CRESYM is mandated to make these technologies available to the public subject to the rules of this Agreement, including to the Parties.

C. Governance, project organisation & management

4. Contract governance

Principles

- 4.1. **Commitment.** Every Party shall procure all required resources, whether human, financial or other, to achieve their respective Tasks as assigned to them by this Agreement.

The Parties commit to apply scientific care and to comply with the accepted scientific standards. However, no representation or warranty is given that a particular Result will be achieved or that the Result will be exploitable, unless otherwise expressly stated in the Specific Terms and Conditions.

- 4.2. **Project structure.** The Project shall be managed, operated and developed in accordance with the hereinafter indicated project management structure:

- Project Supervisory Board – see Article 5,
- Project Management Board – see Article 6,
- Project Leader – see Article 7,

... and the Project Management guidelines – see Article 8.

- 4.3. **Decision making.** Decisions to be taken in accordance with this Agreement shall be taken in accordance with the procedures established herein.

- 4.4. **Consistency.** If at the Effective Start Date, some provision in Article 21 of the “Specific Terms and Conditions” diverges from the standard provisions in the “General Terms and Conditions”, CRESYM warrants that it had made it specifically approved by CRESYM Board.

- 4.5. **CRESYM safeguard.** ~~If a decision proposal of the Project Management Board or Project Supervisory Board infringes CRESYM's Internal Rules, CRESYM is entitled to i/ postpone the decision in order to assess the situation; and/or to ii/ veto the decision if it cannot accept the infringement.~~

Task implementation

- 4.6. **Reference.** Every Party acknowledges that the latest update of the Workplan reviewed by the Project Management Board ~~shall unanimously defines~~ every Party's obligations with respect to Task allocation, scheduling and budget. Said update will remain in force as long the Project Management Board does not modify it, or as long as the Project Supervisory Board does not decide otherwise following an appeal procedure to the Project Supervisory Board.

- 4.7. **Right to Escalate.** By exception to Article 4.6, one, or more, Party(ies) may challenge the Project Management Board decision and propose an alternative option, including when it concerns the Workplan.

- 4.8. **Escalation process.** The concerned Party(ies) shall first submit a notice with their alternative option to the Project Leader for review.

The Project Leader shall liaise with the members of the Project Management Board and evaluate if there is a consensus to review the challenged decision. If such consensus is reached, the Project Management Board shall review its former decision accordingly.

If, however, the Project Management Board cannot reach such a consensus, the Project Leader or the concerned Party if the Project Leader does not show diligence, shall convene a Project Supervisory Board meeting within thirty (30) Business Days from the date of the said notice of the concerned Party has

challenged the decision of the Project Management Board. The decision of the Project Supervisory Board on the said matter will be final.

Voluntary exit of a Party

- 4.9. **Exit notice.** Each Party may decide to terminate its participation to the Project – and, by definition, of this Agreement – at any time, subject to a three (3) months prior written notice or on the basis of a consensual agreement on the termination process with the other Parties.
- 4.10. **Exit aftermath.** Except otherwise agreed by the Project Supervisory Board, a voluntarily exiting Party does not give up any financial right or claims on any IPR of any Result developed in the Project up to the date the voluntary exit is effective.

In case of such termination, the Party shall pay all costs that were invoiced to it prior to the termination, or refund, if possible, the funding received for the undertaking of the terminated Task, and hand over all the Results and Project Information available to it.

Exclusion of a Party

- 4.11. **Exclusion process.** The Project Supervisory Board is competent to decide on the exclusion of a Party of the Project and, by definition, of this Agreement for a good reason, [including but not limited to breach of this Project Agreement or conduct in bad faith or seriously detrimental to the Project](#).

Prior to the decision to exclude a Party, the Project Supervisory Board shall organize a hearing of the concerned Party in order to inform said Party of the reasons for the proposed exclusion and to give said Party the opportunity to defend and/or challenge the exclusion proposal. Said hearing shall occur at least ten (10) Business Days before the Project Supervisory Board meeting voting on the exclusion and the concerned Party shall receive notice of the said hearing at least ten (10) Business Days before said hearing. The concerned Party is entitled to be assisted in this matter by a person with adequate legal competences.

- 4.12. **Exclusion decision.** The Project Supervisory Board decision to exclude a Party requires a vote of at least seventy-five percent (75%) of the participants and sixty six percent (66%) of the appointed individuals present or represented at the said Project Supervisory Board meeting.

CRESYM can veto the decision to exclude a Party.

The concerned Party is allowed to attend the Project Supervisory Board meeting voting on its exclusion but is not allowed to participate to said vote.

- 4.13. **Exclusion aftermath.** Once excluded, the Excluded Party is freed from all obligations regarding this Agreement, including regarding the Tasks it was assigned to.

The Excluded Party remains however liable for its confidentiality obligations pursuant to this Agreement and to fulfil all its unsettled financial obligations as per this Agreement until of the date of exclusion. These provisions are without prejudice to any liability claim an Affected Party may choose to launch against the Excluded Party.

The Project Leader shall also ensure all access rights to the Project Private Workspace are immediately cancelled for the said Party as soon as the Project Supervisory Board has positively voted on the said exclusion.

The Excluded Party loses any financial right or claims on any IPR of any Results. The rights to use the Results like any third party under the respective ATorS remains unaffected.

- 4.13B **Exiting AI.grids.** A Party exiting the Project, either voluntarily or after being expelled,

- [For the sake of clarity, remains owner of its share of the Results received in Application of Article 11.4 and remains compelled to license it in Application of Articles 11.7, 11.7B, 11.8, 11.11B, 11.12 and 11.18;](#)
- [Becomes automatically Stakeholder as from their date of exiting;](#)

- Is informed in writing about any update or complement of this Agreement and management of the Results it owns a share of.

Conversely, a Party waives all rights to oppose, after their anticipated exiting, the decision of the Project Supervisory Board of updating the Agreement (especially about the governance of the Project or the management of the IPRs of the Results), provided that i/ said update has been consulted through the E-Parties in Application of Article 8.23 and ii/ said update is approved by the Institutional Observer.

Invitation of a new Party

- 4.14. **Invitation process.** The Project Supervisory Board can decide to invite a new party to join the Project and become a Party to this Agreement.

A specific Project Supervisory Board meeting must be convened to decide on such invitation. The Project Supervisory Board meeting shall be held within fifteen (15) Business days from the date of the meeting notice. Said meeting shall decide on the terms and conditions of the adherence of said new party to the Project and the Agreement, including the financial implications, past, present and future, if any.

The decision of the Project Supervisory Board to effectively invite a new party must be approved by all the Parties.

The said invited party shall then decide to adhere to these conditions and upon the execution of the ~~appropriate documentation, including an amendment to this Agreement, adhere to its term and conditions as decided by the Project Supervisory Board~~ **Accession Document** in Appendix 4 become a Party to this Agreement.

- 4.14B **Accessing AI.grids.** Complementing Article 4.14, a **Public Organisation** becomes a new Party to the Agreement upon signature of the **Accession Document** in Appendix 4 by the new Party and CRESYM. Such accession shall have effect as described in the signed Accession Document. Accession of a new Party shall not result in renegotiation or amendment of this Agreement, unless expressly decided by the Project Supervisory Board in accordance with the amendment procedure set out herein (“**fast track**”).

For the sake of clarity, entities that are no Public Organisation can become a Party in application of Articles 4.14 and 5.5. Such accession shall not require a full renegotiation of the Agreement. The acceding entity shall, as from the effective date of accession, be bound by all rights and obligations of a Party under the Agreement, without reservation. Accession shall not affect the validity of prior decisions taken by the Project Supervisory Board nor reopen previously agreed provisions, unless expressly decided otherwise in accordance with the governance rules of this Agreement.

As from the accession date, CRESYM adds the new Party data in the living Articles 28, 29, 34.

AI.grids contractual framework

- 4.15. **Contractual framework.** The present Agreement prevails over any contract between any subset of Parties and related to the Project and its Results (especially Task agreements – see Article 8.31).
- 4.16. **Compliance.** Each Party shall remain independent in its commercial conduct. The exchange of competitively sensitive information shall be strictly limited to what is objectively necessary for the implementation of the Project.
- 4.17. **Anticorruption.** Each Party shall comply with all applicable anti-corruption laws and shall not offer, promise, give, or accept any improper advantage in connection with this Agreement. Any breach of this clause shall entitle the other Party to terminate the Agreement with immediate effect.

5. Project Supervisory Board (PSB)

- 5.1. **Composition.** Every Party must appoint one (1) representative in the Project Supervisory Board, which representative must be a natural person (see Appendix 2 to the “Specific Terms & Conditions”, Article 26).

Each representative may have a back-up representative, also to be appointed by its respective Party.

- 5.2. **Quorum.** ~~Except when otherwise provided herein, the quorum for every Project Supervisory Board meeting is validly reached when at least half of the appointed individuals (or their substitutes) attend said Project Supervisory Board meeting and all Parties have been validly called upon. Complementing and superseding Article 5.2,~~ The Project Supervisory Board is quorate if i/ at least three out of four Core Group Members) are present or represented; ii/ every College is represented by at least one Party; and iii/ depending which is the lowest value, either a third (33.3%) of all Key Players or fifteen (15) Key Players (depending on the lowest of the two thresholds) are present or represented. For the sake of clarity, Core Group Members also count in the computation of the number of present Key Players or of present College members.

When a Party cannot attend a Project Supervisory Board meeting, it may be represented by another Party by providing the latter Party a valid proxy. A Party cannot hold more than two (2) proxies for the same meeting.

- 5.3. **Decisions.** ~~Provided the Project Supervisory Board is quorate, and except when otherwise provided herein, every decision at the Project Supervisory Board requires a simple majority (fifty percent – 50% – plus one – 1) of the members present or validly represented. By exception to Article 5.3,~~ Provided the Project Supervisory Board is quorate, every decision at the Project Supervisory Board requires a simple majority (fifty percent – 50%) of the present Representatives of Key Players (with a maximum of one (1) representative per Key Player).

The Project Supervisory Board can make valid decision through a “written” procedure as follows: the proposed decision is Notified by email to every Key Player Representative in Project Supervisory Board for a vote at least eight (8) business days) after the notification.

- 5.4. **Role.** The Project Supervisory Board is the main governing body of the Project.

It is in charge of supervising the Project development, the quality of the Project Leader’s work and the Project Management Board; and validating the budget of the Project.

It serves as internal board of appeal when the Project Management Board cannot reach consensus or quorum on a given topic, in accordance with Articles 4.7 and 4.8.

Residual competence is vested in the Project Supervisory Board, as it is competent to decide on any matter brought to its attention and not expressly listed herein, if any.

- 5.5. **Tasks.** The Project Supervisory Board decides on the following matters:

- Appoint, respectively dismiss, suspend or decide on all matters related to management of, the Project Leader, including the negotiation of the Project Leader’s contract, if any;
- Validate the Workplan, and especially the budget, evolutions, if any, at least on an annual basis;
- Validate every Result’s, or set of Results’, AToR;
- Acknowledge or reject every Result’s, or set of Results’, delivery adaptation or termination;
- Reset the Expected End Date, respectively the Ultimate Date;
- Decide on, and set, the End Date, inasmuch all conditions are met, as per Article 13.3 herein;
- Validate all, or part of, its own Reports, respectively the Reports from the Project Management Board;
- Subject to unanimous decision of the Project Supervisory Board, suspend, respectively resume application after suspension, of part or all of the Agreement, in application of Article 13.6.

The Project Supervisory Board may also decide on the following matters, ~~subject to approval of CRESYM Board:~~

- Exclude a Party in application of Article 4.11;
- Invite a new Party in application of Article 4.14. (For the sake of clarity, Article 4.14B applies with no involvement of the Project Supervisory Board.)

- 5.6. **Meetings.** The Project Supervisory Board meets at least ~~once (1)~~ twice (2) a year, possibly via videoconference.

Project Supervisory Board meetings may be called by:

- its chairperson, if any, or the Project Leader, at least ~~once (1)~~ **twice (2)** a year and or whenever said persons deem it necessary for the benefit of the Project;
- at least two Parties whenever deemed necessary.

Project Supervisory Board meetings are validly called if the following formalities are met and quorum is reached:

- the notice for the Project Supervisory Board meeting has been sent by email at least five (5) Business Days before the day of the meeting;
- the said notice indicates the points for discussions and for decision, if any, of said meeting as well as the location and/or details for the teleconferencing, if any;
- the said notice includes a proxy enabling Parties to be validly represented by another Party.

~~5.7. PSB chair. The Project Supervisory Board may appoint a chairperson at its first meeting. Once appointed, the chairperson remains in office until the end of the Project, unless the Project Supervisory Board decides to remove said chairperson.~~

~~The appointment, or removal, of the Project Supervisory Board chairperson requires a supporting vote of two-thirds (2/3) of the Project Supervisory Board members present or validly represented.~~

~~Cancelling and replacing the first two (2) paragraphs of Article 5.7, (The Project Supervisory Board is chaired by a representative of the Institutional Observer (with no voting right). If no Institutional Observer representative is available, the Project Supervisory Board meeting is chaired by the Representative of Fraunhofer (or by default, of INESC TEC, or by default of NTUA).~~

The Project Supervisory Board chairperson presides and leads the Project Supervisory Board meetings and ensures the Project Supervisory Board focus is kept on strategic matters and related decisions, etc. The Project Supervisory Board chairperson facilitates the communication among the Project Supervisory Board members in order to reach, whenever possible, decisions taken by consensus. The Project Supervisory Board chairperson has no casting vote.

6. Project Management Board (PMB)

~~6.1. Composition. The Project Management Board consists of the Project Leader, Task Leaders of every ongoing Tasks and, as the case may be relevant experts invited by the Project Leader (see Appendix 2 to the “Specific Terms & Conditions”, Article 26.2). By exception to Article 6.1, (The Project Management Board (PMB) consists of one representative of every Core Group Member, plus, as the case may be, every Task leader appointed among representatives of other Parties. One representative of the Institutional Observer can also attend, with no decision power, the Project Management Board meetings.~~

~~6.2. Quorum. The quorum for every Project Management Board meeting is validly reached when the Project Leader and all the Task Leaders directly concerned by the scheduled decisions for the said meeting are present or validly represented.~~

~~When a person cannot attend a Project Management Board meeting, it may be represented by another Task Leader or by the appropriate representative of another Party with a valid proxy. A proxy holder cannot hold more than two (2) proxies for the same meeting.~~

~~6.3. Decisions. Provided the Project Management Board is quorate, and except when otherwise provided herein, every decision at the Project Management Board requires a simple majority (fifty percent – 50% – plus one – 1) of the members present or validly represented. The Project Leader has a casting vote.~~

~~6.4. Role. The Project Management Board oversees the daily supervision and management of the Project and is chaired by the Project Leader.~~

~~The Project Management Board can, based on suggestion from a Working Group and after possible consultation of the concerned College (see Articles 8.23 to 8.26), update the Workplan (and especially propose and organise new Tasks). Provided that the total budget figure remains the same, and unless one Key Player opposes the decision in writing within ten (10) business days after the notification, such Project~~

update decision requires a mere notification of it by email, to all Key Players and all members of the related Working Group(s).

6.5. **Tasks.** The main Project Management Board tasks include the following:

- Allot, schedule, coordinate, monitor, control, modify or adjust when needed, etc. the various Tasks and/or Results;
- Call for or propose Task Leaders;
- Ensure the expected and timely delivery of all Results;
- Monitor the Project work progress and budget;
- Propose adaptations to the Workplan (including the budget).
- Submit at least once (1) a year the revised Workplan with the budget to the Project Supervisory Board;
- Report to the Project Supervisory Board any budget constraints (i.e.: whenever the budgeted expenses outweigh the budgeted income);
- Propose to acknowledge Result's, or set of Results', delivery;
- Recommend the adaptation or termination of a Result, or a set of Results;
- Decide on any further matter listed in the Project specific organisation provisions which could be affixed to this Agreement and from time to time modified as herein provided (Appendix 2 to the "Specific Terms & Conditions", Article 27.1).

Every member of the Project Management Board must attend the Community briefing at least once (1) a month.

6.6. **Meetings.** The Project Management Board meets at least six (6) times a year, or whenever deemed necessary, possibly via videoconference.

Project Management Board meetings are called by the Project Leader. Every Party can demand from the Project Leader to call a Project Management Board meeting.

Project Management Board meetings are validly called if the following formalities are met and the quorum is reached:

- the notice for the PMB meeting must have been sent by email at least two (2) Business Days before the day of the meeting, except if exceptional urgent matters (which must be justified in the call for meeting) justify shorter delays and where the person calling the matter shall indicate the time and justification for said urgent meeting.

7. Project Leader

7.1. **Appointment.** The Project Leader is a natural person, Representative of a Party that is also a Member of CRESYM (see Appendix 2 to the "Specific Terms & Conditions", Article 26.3).

~~The Project Supervisory Board~~ CRESYM can appoint and dismiss the Project Leader.

7.2. **Role.** The Project Leader shall chair the Project Management Board, ensure the secretariat and corporate housekeeping of the Project (which includes without limitations: keeping track of all decisions, minutes, etc. of the Project Supervisory Board and Project Management Board meetings or other relevant meetings, etc.), and ensure the daily management of the Project (which includes without limitation the effective implementation of Project's decisions, the Workplan management and reporting to the Project Supervisory Board).

The Project Leader shall also regularly report to CRESYM, especially to CRESYM's Projects Committee, especially any anticipated Project's delays when the delay could be of at least three (3) months or any Result cancellation or termination as per Article 8.3. Parties hereby expressly agree that such reporting to CRESYM by the Project Leader does not constitute a conflict of interest or appearance of conflict of interest by the Project Leader.

7.3. **Tasks.** Furthermore, the Project Leader will have the following tasks:

- Define and adapt the Project description in redline and clean drafts;
- Manage the Project Private Workspace, including providing, denying, revoking, suspending, etc. access to it, and manage whenever necessary appropriate non-disclosure agreements (see template C1) or undertakings;
- Convene, or call for and organise, various Project meetings;
- Draft, or manage the drafting of, relevant Project Reports;
- Report in writing at least every other month to CRESYM Projects Committee on the Project progress;
- Ensure the Project uses state-of-the-art technologies
- Validate the integration of Results in their pre-existing eco-system;
- The Project Leader must attend the Community briefing (see Article 8.9) or be substituted by another Project Management Board member.
- Propose refined Task description to the Project Management Board;
- Validate every Task Leader appointment;
- Invite any relevant expert to join the Project Management Board on a regular, or case by case, basis, ensuring all pre-requisites are met (especially confidentiality obligations – Article 10 – and waiver on IPRs – Article 11) and manage experts;
- Keep up to date the Project Team members contact details;
- Decide on any further matter, as listed in the Project specific organisation provisions which could be affixed to this Agreement and from time to time modified as herein provided and inasmuch said matters are not reserved to the Project Supervisory Board (see Appendix 2 to the “Specific Terms & Conditions”, Article 27.2);
- Manage the Project in accordance with the best interest of the Parties and the Project.

8. Project Management

Project Team management

8.1. **Report.** Every decision made by the Project Management Board or Project Supervisory Board shall be tracked in a dedicated Report.

8.2. **Result delivery.** The delivery of Results is effective, provided a copy of the Result in the Private Workspace has been proofed by the Project Management Board with respect to

- the related functional expectations;
- IPRs compliance, especially with respect to third parties; and,
- appropriate and reasonable security checks, depending on the Result nature, with respect to (i) its content (safe of virus, injurious mentions, etc.); (ii) its implementation by future users (storage, use, etc.).

If the Result is a piece of software, process or know-how, a comprehensive documentation is also a pre-requisite for a complete delivery.

If the Result is a piece of software, the associated AToR must be finalised and agreed upon by the Project Supervisory Board and is a pre-requisite for a complete delivery.

8.3. **Result termination.** A Result is deemed terminated whenever it cannot be deemed “delivered” and its development or completion is cancelled by decision of the Project Management Board.

The Project Leader must inform CRESYM’s Projects Committee when the Project Management Board proposes to terminate any expected Result and before the Project Supervisory Board makes its decision.

8.4. **Milestones.** The passing of a Milestone is validated by the Project Supervisory Board.

If, and while, a Milestone validation by the Project Supervisory Board is pending, payments to the funded Parties are suspended.

Payments resume at the quarter following the validation date of the Milestone. Unless decided otherwise by the Project Supervisory Board, the suspended payment amounts are spread evenly over the pending instalments of the Project budget.

By default, the Parties shall attach a final Milestone to the last Result and condition the payment to the funded Parties of at least twenty percent (20%) of the total Project budget to the validation of that Milestone.

8.5. **Contact details.** The Project Leader is in charge of keeping up to date the Project Team members contact details (see Appendix 2 to the “Specific Terms & Conditions”, Article 28).

8.6. **Private Workspace access.** The Project Leader is in charge of granting and removing access to the Private Workspace.

8.7. **Advisory Panel.** Complementary to the Project Supervisory Board, and Project Management Board, the Project Supervisory Board may set up a Project Advisory Panel, organised as one or more groups, each with a specific mandate, as depicted in Article 26.5.

Community management

8.8. **Signed contributions.** The Open Workspace enables the signature tracking of the registration and of every single contribution by every Community Member.

8.9. **Briefing.** The Project Leader must organise a briefing, inviting the entire Community at least once a month, in order to keep Community Members updated and, if appropriate, organise the shared work.

8.10. **IPRs.** The Open Workspace shall make clear and impose to Community Members, when registering and permanently, that they waive all Intellectual Property Rights related to any of their contributions to a Result; that all Intellectual Property Rights rest with the jointly owning Parties (except CRESYM).

Every Result license must also be clearly identified, as soon as reasonably possible.

Task management, progress & cost control

8.11. **Task.** For every Task, a Task content as precise as possible must be defined, with clear milestones, and a Task Leader is appointed, in charge of ensuring its appropriate and timely delivery and of reporting to the Project Management Board.

Each Task’s milestones cannot be set more than two (2) months apart.

8.12. **Workplan.** The Project Management Board must monitor and assess the Project work progress during all of its meetings and update the Workplan anytime, and in any respect, needed.

The updated Workplan updates must be validated, at least once (1) a year by the Project Supervisory Board.

8.13. **Schedule.** The project schedule (see Appendix 3 to the “Specific Terms & Conditions”, Article 32) shall be depicted and updated with the minimum following level of details:

- A Monthly breakdown;
- Explicitly showing every Task;
- The Results expected delivery date, highlighting out of which the main milestones of the Project.

8.14. **Delay.** Any anticipated delays in delivering the pending Results shall be Reported by the Project Management Board.

If the anticipated delay in delivering the Results is greater than three (3) months, then the Project Leader must report it to CRESYM’s Projects Committee.

- 8.15. **Performance.** Each Party commits to do its best effort to contribute to achieve the Project goals and deliver the Results as efficiently as possible i.e. with the highest quality possible while respecting the budget constraints.

Each funded Party commits to be compensated for its staff and expenses at the lowest allowed rate.

- 8.16. **Cost control.** Every Party, especially funding Party, acknowledges the costs exposed by all other Parties and their exposed rates and agrees to have them funded at the proposed rates.

If a third party funds the Project and demands cost justification (respectively does not ask for cost justification, or no third party at all funds the Project), CRESYM shall, respectively can, impose to all Parties to fill in staff cost involvement sheets and to provide external suppliers invoices to justify costs and validate funding.

If such cost control is not imposed by CRESYM, the Project Supervisory Board can also decide at any time to implement (respectively, afterwards then to cancel), such cost control measure.

Budget

- 8.17. **Schedule.** The Workplan shall forecast budget needs on a quarterly basis, at least six (6) months before the concerned period, with the breakdown for each and every Party, contributing or benefiting.

- 8.18. **Constraints.** Any budget constraint, i.e. the deemed impossibility to deliver all pending Results with the expected quality considering the remaining budget available shall be Reported by the Project Management Board.

With the support of the Project Management Board, the Project Leader must devise a remedial action plan, have it validated by the Project Management Board and notify it to the Project Supervisory Board and to CRESYM's Projects Committee for decision.

The remedial action plan shall be detailed enough, with contrasted options, to enable decision making.

- 8.19. **Effort.** In case a budget increase is anticipated, all Parties shall make their best effort to contribute to fund it, according to their respective means.

IT manager

- 8.20. **IT manager.** The Project Team may appoint an IT manager (see Article 26.6), whom the Project Leader may delegate part of her/his tasks, especially regarding:

- the Project Private and Open Workspaces management (set up, access rights management, etc.);
- the quality of the Results (monitoring & checks, organisation of training for the participants...);
- the dissemination and communication tasks, including update of the relevant section of CRESYM's website.

Rights & obligations related to specific AI.grids roles

- 8.21. **European aegis.** The Parties agree that:

- The individuals listed as representatives of the Institutional Observer in Appendix 2 are entitled to access the Project Private Workspace, as their work contract as European civil servants compels them to confidentiality obligations, a fortiori those applicable to other Representatives, mutatis mutandis (see article 339 of the Treaty on the functioning of the European Union, articles 17 and 17a of EC Staff Regulation, and article 9 of the commission Decision on Security in the Commission 2015/443).

For the sake of clarity, this Agreement does not allow any representative of the Institutional Observer to access Input Data with a restricted access in Application of Article 10.17.

- Every individual listed as representatives of the Institutional Observer in Appendix 2 shall authorise the use of their personal data (especially group pictures involving them) (see Article 10.16).

- The participation of representatives of the Institutional Observer shall not be construed as regulatory approval, endorsement or validation of any Result, licensing structure, governance decision or compliance status, nor as assuming any supervisory or oversight responsibility.

8.22. Working groups. Every Working Group...

- convenes at the request of its Working Group leader; or at the request of at least 30% of the Working Group members (with a maximum of one (1) per Party) Notified to the Working Group Leader and the Project Leader and the Chair of the Project Supervisory Board;
- is expected to discuss their topic and make recommendations to the Project Management Board especially about the refinement of the Workplan;

8.23. E-Parties. Every E-Party has the following rights and duties:

- All E-Parties are informed about the delivery of Results and they can access the Results one (1) month before they become publicly available.
- All E-Parties are consulted about the Key Results during one (1) month and are expected to provide feedback to the related Working Group, especially about governance and legal matters.
- Provided that at least half (50%) of them are present or represented at a Project Supervisory Board, and three quarters (75%) of them require it, the E-Parties can ask to veto a decision of the Project Supervisory Board before its enforcement and call for a subsequent decision to solve the matter at the next Project Supervisory Board meeting.

8.24. G-Parties. Every G-Party has the following rights and duties:

- Each G-Party is invited to share Input Data, at the conditions the G-Party would require from the other Parties (especially more restricted access, compared to Article 10 default provisions).
- Each and every G-Party funds the Project with at least ten thousand euro per year (EUR 10 000);
- A G-Party may apply to contributing to every Task, and if selected, provide the related Service or Input Data and based on a dedicated Task Agreement, complying with the related confidentiality requirements (see Article 8.31);
- As Public Organisation, each and every G-Party gets a share of every Key Result and Ordinary Result in application of Article 11.4 and is compelled to license them in application of Articles 11.7, 11.7B, 11.8, 11.11B, 11.12 and to 11.18.

8.25. I-Parties. Every I-Party has the following rights and duties:

- An I-Party may apply to contributing to every Task, and if selected, provide the related Service or Resource and, if required, be compensated for it based on a dedicated Task Agreement (see Article 8.31);
- An I-Party gets a share of some of the Ordinary Results in application of Article 11.4 and is compelled to license them in application of Articles 11.7, 11.7B, 11.8, 11.11B, 11.12 and to 11.18.

8.26. R-Parties. Every R-Party has the following rights and duties:

- An R-Party shall be adequately compensated for the supply of Resources (e.g. fees) to the Project unless it explicitly provides an “in-kind” contribution;
- An R-Party may apply to contributing to every Task, and if selected, provide the related Service or Resource and, if required, be compensated for it based on a dedicated Task Agreement (see Article 8.31);
- As Public Organisation, an R-Party gets a share of some of the Key Result (respectively of the Ordinary Result) in application of Article 11.4 and is compelled to license them in application of Articles 11.7, 11.7B, 11.8, 11.11B, 11.12 and to 11.18.

8.27. Stakeholders. Every Stakeholder has the following rights:

- A Stakeholder may declare interest in one (or more) Working Group(s) and appoint a related representative. Said representative(s) are by default invited to, and can actively participate in, the Working Group meetings, except when the Working Group leader summons a restricted meeting.
- Every Party ensures that no Stakeholder access the Project Private Workspace.
- The Project Leader ensures that the use of Stakeholder representatives' personal data (especially group pictures involving them) received a prior use authorisation from the said individuals (see Article 10.16).
- The Project Leader shall inform Stakeholders at least every three (3) months about the Project progress and every Party shall support that effort as far as they are concerned.

AI.grids specific organisation

- 8.28. **Enlargement.** The Key Players initially signing the Agreement commit, on a best effort basis during three (3) month after the Project Start Date, in good faith and under the aegis of the Institutional Observer, to investigate the requirements and suggestions of other entities interested in joining the Agreement, and; if deemed sensible, to amend the present “Specific Part” (see Task 2B.6) appropriately to enable the signature of the amended Agreement by a large number of them.

For the avoidance of doubt, the Project Supervisory Board does not commit to satisfy all the requests of other involved entities but shall strive to maximise the value of the Project. This exception to the above paragraph will also be limited in time to the three (3) months after the Project Start Date as stated above, the purpose being to ensure alignment and accession to a large number of participants but to avoid lengthy discussions or amendments at later stages where the sheer number of Parties make said discussions inefficient and time consuming

- 8.29. **Yearly go/no-go.** The Project is split into twelve-month (12-month) phases.

Every year in January between the Effective Start Date and Expected End Date, the Project Supervisory Board can call for an anticipated end to the Project by the end of the ongoing quarter (thus updating the Expected End Date).

The Project Supervisory Board has then to adapt the Workplan and budget accordingly.

- 8.30. **New Tasks.** Implementing Article 6.4, the Project Management Board can define new Tasks, involving one or more Resource(s) and/or the contribution of one or more Party(ies), complying each time with the following process:

- The related scope of work (i.e. the draft Task and Result description, except for the contributing Parties identification) must be discussed in, finalised and agreed by in the relevant Working Group(s);
- All Parties (and especially R-Parties and I-Parties), must be consulted during five (5) business days, through a collective email notification to their main Representatives;
- The Project Management Board selects the best among the received proposals for contribution (either Resources, or commercial offers) and motivate its choice;
- The Project Leader finalises the related Task Agreement details with the hired Parties;
- CRESYM, on behalf of all other Parties, shall sign the Task Agreement, with the hired Parties.

- 8.31. **Subsidiary contracts.** CRESYM provides a generic template applicable for all Task Agreements, consisting of one generic part, common to all Task Agreements, and a specific part, adapting the said agreement to its specific purpose, including the AToR template.

If deemed useful by WG2, sub-categories of Task Agreements may be defined to frame similar actions in a same, fair manner (e.g. data sharing agreement, computing agreement, testing agreement, etc.)

WG2 shall review and advise about the proposed Task Agreement template(s). For the avoidance of doubt, such template shall foresee:

- The related listing of Background Information;

- The draft of the AToR complying with Article 11.11B.

The Task Agreement must comply with the present Agreement provisions and especially manage the intellectual property rights (both of Background information and Results) accordingly.

For the sake of clarity, no Task Agreement shall create any obligation for a G-Party to provide Input Data unless that G-Party has expressly consented in writing.

- 8.32. **CRESYM mandate.** The Parties hereby grant CRESYM a limited mandate, for the duration of the Project, to negotiate and sign the Accession document (see Appendix 4), in the name and on behalf of all Parties, with the accessing organisation in application of Article 4.14 and 4.14B.

CRESYM is also authorised, in its coordinator role, and within the scope and budget approved by the Project Supervisory Board, to negotiate and enter into subsidiary agreements, esp. Task Agreements, with selected Parties of the Agreement, in its own name and on its own behalf. For the avoidance of doubt, for the Task Agreements:

- No Party shall be bound by a Task Agreement unless it is expressly designated as a party thereto and has signed the relevant agreement;
- Such agreements shall not create joint and several liability among the Parties; and
- Such agreements shall not derogate from the core IP principles of this Agreement, unless expressly approved in accordance with the Agreement.

9. Communication & publications

- 9.1. **Communication.** Except if otherwise mentioned herein, and save as required by law or regulation, and for the duration of the Agreement, no Party shall issue any press release, scientific publication, nor other public material, nor make announcements or speeches in relation to the matters contemplated by this Agreement without the prior information of the Project Supervisory Board.

For scientific communication (paper, conference key-note, etc.), if the Project Supervisory Board makes no decision, nor does any of its members oppose thirty (30) calendar days after notification by the requester, the request is deemed accepted.

For other communication materials of a non-technical and non-confidential nature (such as corporate communication or general social media posts), such communication shall be deemed accepted if i/ it does not disclose Confidential Information or Results of other Parties without their prior consent, and ii/ CRESYM also expressly notifies its acceptance to the requester and the Project Supervisory Board or no member of the Core Group opposes it in writing within three (3) Business Days following notification by the requester to the Project Supervisory Board.

- 9.2. **Dissemination.** The Parties commit to publish the scientific outcomes of the Project in scientific publications.

They shall cooperate fairly to this end, up to three (3) years beyond the End Date. Especially any scientific publication must be shared to all Parties for information prior to publication.

Each Party is entitled to issue scientific publications that do not contain any Confidential Information or Results of other Parties without the consent of the concerned Parties. Scientific publications containing Confidential Information of another Party shall require prior written consent of that Party and must be submitted to that Party prior to the publication.

In case the Project Supervisory Board decided (see Article 11.6) to patent all or part of the Results, the publication of, or related to, the Results can be postponed for up to three (3) months after the End Date in order to protect and safeguard the possibility of patenting the Results.

- 9.2B **Dissemination.** Complementary to Article 9.2, prior to any public dissemination of Results, the Project Supervisory Board shall assess whether certain elements require temporary protection as trade secrets or Confidential Information before open-source release.

A scientific publication must mention the participation of the Parties in the publication concerned (set of Result(s) in accordance with academic praxis and applicable code of conducts for research integrity and the applicable guidelines for the relevant paper.

- 9.3. **Credit.** Any scientific article related to all, or part of, the Results shall credit all Parties, also after the End Date.
- 9.4. **Name & logo.** Any use of the name and logo of a Party must be notified and shall be made in accordance with the rules provided by the Party, who reserves the right to verify that the use made is compliant with the rules of use.

For the avoidance of doubt, this provision shall not restrict or delay any dissemination, communication or publication obligation expressly provided for under this Agreement, provided that such use remains proportionate and consistent with the applicable branding guidelines.

D. Data, confidentiality & intellectual property

10. Information sharing & confidentiality

Information sharing

- 10.1. **Project existence.** The Project existence and name shall be published on CRESYM's website.
The Agreement is accessible to all Members of CRESYM.
The Project Open Workspace, if any, is publicly accessible.
- 10.2. **Level playing field.** Information shared between two (2) or more Parties in Application of this Agreement are deemed sharable to all Parties, unless explicitly prevented in writing by the Issuing Party.

Confidentiality principles

- 10.3. **Open Workspace.** Every Party is responsible to check beforehand that each and every piece of Information that it discloses onto the Open Workspace is no Confidential Information.
- 10.4. **Private Workspace.** A Receiving Party warrants to keep strictly confidential and not to disclose or communicate to third parties, by any means whatsoever, the Information received from an Issuing Party in the Private Workspace, or which it will have access to in the Private Workspace during the execution of this Agreement. (See also Article 10.17)
- 10.5. **Effort.** Except as required by applicable law or regulation or by legal process, or unless otherwise agreed to in writing by the Issuing Party, the Receiving Party agrees:
- not to disclose, reveal, convey or transfer any of Issuing Party's Confidential Information to any Person other than the Receiving Party's Representatives who are required to have knowledge thereof (see Article 10.6); and
 - not to use or disclose any of the Issuing Party's Confidential Information for any purpose whatsoever other than as permitted pursuant to the terms of this Agreement.
- A Receiving Party shall take all necessary measures to enforce such commitment and such measures shall not be inferior to those taken by it for the protection of its own confidential information.
- 10.6. **Purpose.** A Receiving Party undertakes to communicate such Information only to its Representatives who are required to read and use it in order to undertake and achieve the purpose of this Agreement.
- In addition, a Receiving Party may disclose the Information to its directors, shareholders, employees or professional advisers, provided that it is necessary for the performance by such Party of its obligations and undertakings or for the exercise of its rights in relation to this Agreement.
- 10.7. **Representatives.** A Receiving Party procures that its Representatives have each undertaken in writing an obligation of confidentiality with respect to any Confidential Information they may receive in relation to this Agreement and shall treat Confidential Information in accordance with this Agreement's provisions.

In addition, every Party procures that the same confidentiality commitment applies for every technician it mandates to maintain any piece of the Workspace (especially every Team member mailbox, or the Workspace storage disks).

- 10.8. **Disclosure.** A Receiving Party shall immediately notify the concerned Issuing Party in writing of any unauthorised disclosure of Confidential Information, be it due to negligence or required by applicable law or regulation or by legal process.

If a Receiving Party is required by any applicable legislation in force during the term of this Agreement (including but not limited to legislation, enactments, act of a competent public authority based on the legislation, regulations, regulatory policies, regulatory permits and licences) or by an order of a judicial, regulatory or other competent public authority to disclose Confidential Information, the Receiving Party must, prior to any such disclosure and to the extent reasonably possible whilst complying with the applicable legislation or order, notify the Issuing Party of such requirements and provides the notified Issuing Party with a reasonable opportunity to contest the requirement to disclose the information or to limit the extent of the disclosure.

The Receiving Party shall take all reasonable measures to limit the harmful consequences of a disclosure.

- 10.9. **Cure.** Within thirty (30) days of the Issuing Party's written request, every Receiving Party, shall destroy or return to the Issuing Party any Confidential Information and any object embodying it, including any copy, extract or summary thereof.

The erasure of electronic files containing or constituting Information meets this requirement, insofar as the destroyed files can only be recovered by the implementation of extraordinary recovery methods.

~~Archiving requirements. Complementary to Article 10.9, Since Research Institutions are public administrative bodies which are required by law to archive documents of relevance to the handling of its matters, each of them is entitled to keep a copy of Confidential Information for such purposes.~~

- 10.10. **Archiving.** Upon termination of this Agreement,

- every Party except CRESYM, shall apply Article 10.9 to all received Confidential Information;
- CRESYM shall remove access rights for every individual to the Private Workspace (excepting their own private mailbox), but for CRESYM's general manager and its explicit delegates to the Private Workspace, if any, after the End Date;

CRESYM shall archive the Private Workspace three (3) years after the End Date, i.e. apply Article 10.9 to all received Confidential Information. During said period, the Private Workspace will only be accessible to CRESYM's general manager and her/his authorised representatives, if any.

- 10.11. **Ex-post use.** Subject to the written specific written authorisation of the Issuing Party, CRESYM may retrieve and disseminate Confidential Information from the Private Workspace after the End Date.
- 10.12. **Ex-post obligations.** The obligation to preserve the confidentiality of Confidential Information shall remain in force for a period of three (3) years, following termination of this Agreement for any reason.
- 10.13. **Injunctive Relief.** The Receiving Party acknowledges and agrees that the Issuing Party may not have an adequate remedy at law in the event of a breach of this Agreement by the Receiving Party, that the Issuing Party may suffer irreparable damage and injury as a result of a breach of this Agreement, and that if the Receiving Party violates the provisions of this Agreement, the Issuing Party, in addition to any other rights and remedies available under this Agreement or otherwise, shall be entitled to seek an injunction to be issued by a tribunal of competent jurisdiction restricting the Receiving Party from committing or continuing any violation of the terms of this Agreement.

Personal data protection

- 10.14. **Principle.** To the extent that any of the Confidential Information, is personal data as defined in the European General Data Protection Regulation (GDPR) and/or any hereto applicable data protection laws, the Receiving Party hereby undertakes to:

- only process (as defined in the GDPR and/or any hereto applicable data protection laws) such personal data to the extent strictly necessary for the Project and not for any other purpose without the prior written consent of the Issuing Party;
- take such technical, organisational and security measures as required to enable it to process such personal data in compliance with the GDPR and/or any hereto applicable data protection laws and this Agreement and to allow the Issuing Party to inspect all such measures upon reasonable prior written notice to the Receiving Party;
- not transfer or process (as defined in the GDPR and/or any hereto applicable data protection laws) such personal data outside of the European Economic Area without the prior written consent of the Issuing Party;
- upon request from the Disclosing Party, immediately cease processing (as defined in the GDPR and/or any hereto applicable data protection laws) such personal data and/or take any other steps reasonably specified in relation to such personal data including destroying, blocking or amending such personal data; and
- provide the Issuing Party with all reasonable assistance and co-operation necessary to allow the Issuing Party to comply with its obligations under the GDPR and/or any hereto applicable data protection laws including complying with subject access requests and requests made by the competent information authority, if any, in respect of such personal data;
- provide to any Party requiring it, the information about its processing of Personal Data as data controller (as defined by the GDPR), that the requiring Party can share to its own concerned natural persons (see Article 35.1).

10.15. **Ex-post storage.** The Personal Data relating to any Party Representative shall be stored for no longer than five (5) years after the termination of the Agreement.

10.16. **Photographs.** For the Project's and related CRESYM's communication purposes (especially on the Project web pages and social media publications dedicated to the Project), every Party procures that, by default, each of its involved Representatives agrees to have him/her represented on photographs, either gathering three (3) or more individuals and then with no further explicit authorisation from the said individual; respectively gathering two (2) or less individuals, and then with an explicit, dedicated authorisation from the said individual.

Or if a Representative disagrees with the abovementioned implicit authorisation of his/hers, the concerned Party procures that it would inform CRESYM of it beforehand.

By exception, if a Representative disagrees with the above default provision, (s)he must explicitly oppose in writing to CRESYM.

Specific data confidentiality provision for AI.grids

10.17. **Data confidentiality.** Complementarily to Articles 10.4 and 11.1, a Party may limit the access to its Background Information (e.g. grid datasets) to a subset of other Parties.

Such limitation must be explicitly shared to every concerned Party and their Representatives. The Project Leader must organise a restricted workspace (within the Project Private Workspace) for those allowed to manipulate and process them; and ensure that organisational measures are in place to prevent unauthorized access to them, their loss or alteration. Accessing and processing Input Data must comply with industry standard data protection protocols.

Every Party commits to apply Article 10 mutatis mutandis to protect the additional confidentiality obligations on this Background Information with restricted access.

Every Party acknowledges that CRESYM, as party to any Task Agreement, and the Project Leader are entitled to access and process for the sole purpose of fulfilling their obligations under this Agreement with regards to the Project Input Data with restricted access. For the sake of clarity, the Task Agreement shall clarify which data the Project Leader will access and, whenever necessary, the Project Leader's direct access to Input Data shall be explicitly authorised by the concerned Input Data owner.

10.18. Personal Data. The Agreement does not entail entrusting the processing of personal data within the meaning of the provisions of article 28 of the GDPR, and the Parties are not entitled to such activities.

If processing any personal data appears necessary, a Task Agreement must be concluded by the Parties about entrusting the processing of personal data, in accordance with the GDPR, specifying the purpose and scope of such entrustment – basing upon a template provided by a data controller.

11. Intellectual Property

Pre-existing IPRs

11.1. Mutual sharing. Each Party remains sole owner or beneficiary of its Background Information.

The Parties hereby grant to each other, at no additional cost, a right to use, and a non-exclusive license, on their respective Background Information allowing each Party to use such Background Information for the purpose of the Agreement, i.e. for the sole purpose of carrying out the Project and exploiting its Results in the scope of its activities, insofar as the granting Party has no other contrary obligations.

This right is granted for the duration of protection of the rights involved.

This right is however non-transferable and cannot be sub-licensed without prior consent of the owner of the Background information.

If the granting Party has contrary obligations regarding the Background Information, it may demand additional obligations or conditions from the other Parties for their right of use. The said granting Party must then raise the issue latest when the Background Information is made available and the related added obligations or conditions must be added into the “Specific Terms and Conditions” of the involved Task Agreement.

11.1B Background information. Complementarily to Article 11.1,

- For the sake of clarity, any Party intending to use another Party’s Background Information for the purpose of the Project shall inform the owning Party in writing, to the extent reasonably possible, of the intended use of such Background Information within the scope of the Project.
- Complementarily to the fourth paragraph of Article 11.1, the prior consent of the owner of the Background information shall not be unreasonably withheld and shall be formalised in writing between the relevant Parties.
- The Background Information of the relevant Parties shall be listed in each corresponding Task Agreement. Each Party shall identify, prior to its use within a Task, any Background Information it intends to incorporate. Silence shall not be interpreted as a transfer or license of Background Information. Background Information shall remain the exclusive property of the contributing Party unless expressly agreed otherwise in writing.

11.1C Opensource background. Whenever possible, the Results must depend on Background Information (e.g. technologies, frameworks, etc.) complying with opensource, copyleft, royalty-free licenses. If the Results requires Background information under a more restrictive license, then the technical choices must aim at maximising the future freedom of exploitability of the Result.

For the sake of clarity, this requirement shall not prevent the use Input Data demanding additional confidentiality in the development of a Result (in application of Article 10.17).

11.2. No infringement. Each Party, but Research Institutions (see Article 24.4), warrants they do not infringe on any Intellectual Property Rights while creating a Result or sharing their Intellectual Property Rights with the other Parties, and shall indemnify, defend and hold harmless the other Parties from and against any and all direct damages, claims, losses, expenses, costs, obligations and liabilities (including, without limitation, reasonable attorney’s fees), suffered directly by (an)other Party or a third party arising out of any Intellectual Property Right infringement.

11.3. Freedom. Research Institutions are not obliged to investigate the intellectual property rights of third parties or the possibility of applying for these rights.

Yet the Project Management Board shall check prior to the delivery of any Result, that no IPR, of a Party or a third party, would be infringed by the Result (see Article 8.2).

Results' Joint Ownership Agreement (JOA)

11.4. Result owners. ~~Complying with the principles set forth in Article D of the preamble, and unless specific provisions in Article 21 of the "Specific Terms and Conditions" apply for the matter,~~

- ~~• in case CRESYM is listed as funding Party in Article 24.3 and if at the Expected End Date no Party, or set of Parties, has entirely reimbursed CRESYM for its funding of the Project, all Parties except CRESYM, plus all other Members of CRESYM at the date of CRESYM General Assembly decision approving this status of "Common Project", own indivisibly in equal parts every Result and the related IPRs, and more generally all IPR on any assets, products, inventions, methods or know-how arising or developed in connection with the Project;~~
- ~~• in case the CRESYM is not listed as funding Party in Article 24.3, or if at the Expected End Date one (or more) Party(ies), or set of Parties, has entirely reimbursed CRESYM for its funding of the Project, all Parties except CRESYM own indivisibly in equal parts every Result and the related IPRs, and more generally all IPR on any assets, products, inventions, methods or know-how arising or developed in connection with the Project;~~
- ~~• CRESYM does not own any Intellectual Property Right whatsoever in any products, inventions, methods or know-how arising or developed in connection with the Project.~~

Result Owners. By exception to Article 11.4, Each **Key Result** and the related IPRs are owned indivisibly in equal parts by the following Parties:

- Each and every G-Party² listed as such for at least twelve (12) months between the Effective Start Date and the Expected End Date;
- Each R-Party² that is listed as signatory of the Task Agreement that delivers the Result.

Each **Ordinary Result** and its related IPRs are owned indivisibly in equal parts by the following Parties:

- Each and every G-Party listed as such at the Expected End Date;
- Each and every R-Party² or I-Party that is listed as signatory of the Task Agreement that delivers the Result.

Aside Results *stricto sensu*, and notwithstanding the decision of Project Supervisory Board on IPRs related to the Information generated by the implementation of Results involving Artificial Intelligence (AI) (see Task 2B.8), all IPRs on any assets, products, inventions, methods or know-how arising or developed in connection with the Project are by default owned by:

- Each and every G-Party² listed as such at the earliest of the following two (2) dates: the date of the item delivery or at the Project End Date;
- Each and every R-Party² listed as such at the earliest of the following two (2) dates: the date of the item delivery or at the Project End Date.

Where Results are generated in whole or in part by automated systems, including artificial intelligence tools, the Parties agree that such Results shall be contractually allocated among the Parties in accordance with this Article, irrespective of their eligibility for copyright protection.

Where relevant, protection shall rely on database rights, trade secret protection, contractual allocation and control over access, as applicable.

For the avoidance of doubt, the joint ownership regime provided under this Article shall apply only to Results and other outputs that are formally identified as such in the Project documentation, including defined deliverables and verifiable outputs, and shall not extend to developments that are not expressly qualified as Project Results or are formally identified as such in the Project documentation.

² Every G-Party and R-Party is by definition a Public Organisation.

For the sake of clarity, as facilitator, CRESYM is not owner of any share of any Result nor of any derived assets, products, inventions, methods or know-how arising or developed in connection with the Project.

~~If deviating from Article D of the preamble, Results are not joint developments involving all the Parties, Article 21 may set out alternative provisions to grant intellectual property ownership to specific contributors and have the said contributors grant all or part of the IPRs to other Parties. In the absence of such alternative provisions in Article 21 and any other separate agreement, such Results shall be owned by the Party who developed it (in case of several Parties in proportion to their share of the development).~~

- 11.5. **Individuals.** Community Members shall be informed and required, when registering to the Open Workspace, that they waive all claims (especially financial, or credit) on IPR related to any of their contributions to a Result and that the said IPR benefits rest with the jointly owning Parties.
- 11.6. **Patent.** Unless specific provisions in Article 21 of the “Specific Terms and Conditions”, the Parties waive all rights on patenting all or part of the Results.
- 11.7. **Mutual licensing.** The Parties grant hereby each other a perpetual, royalty-free, irrevocable, world-wide, non-exclusive and unrestricted license to exploit, implement, adapt and/or improve all or part of the Results in the scope of their own activities.

Unless specific provisions in Article 21 of the “Specific Terms and Conditions” apply for the matter, such license is granted with no limitation regarding the activities a Party implements it for.

11.7B **Mutual licensing in AI.grids.** Complementing Article 11.7, the following applies:

The Parties expressly agree that any default statutory regime applicable to joint ownership under national law is contractually displaced. Each joint owner shall have the right to use, reproduce, modify, license and exploit the Results in accordance with this Agreement and the applicable open-source framework, without prior consent of the other joint owners and without any duty of accounting between them. This individual freedom is exercised subject to this Agreement and to the validly adopted Project Supervisory Board decisions, in particular regarding Articles 11.4 to 11.20.

- 11.8. **CRESYM mandate.** The Result owners hereby grant CRESYM a perpetual, royalty-free, irrevocable, world-wide, non-exclusive and unrestricted license to exploit, implement, adapt and/or improve every Result or set of Results (as “assets” of the association), including the related Intellectual Property Rights.

Unless specific provisions in Article 21 of the “Specific Terms and Conditions” apply for the matter, the Result owners hereby mandate CRESYM to implement Articles 11.9 to 11.10 for every Result or set of Results, ~~including after the Expected End Date.~~

CRESYM shall do so until CRESYM Board assesses that the said Result or set of Results has become obsolete. CRESYM shall then notify the Parties of CRESYM Board assessment.

For the sake of clarity, nothing in this Article 11.8 shall restrict the right of each Party to exploit the Results in accordance with the terms of the Agreement.

CRESYM mandate

- 11.9. **Maintenance.** On behalf of all of their owners, and until ~~CRESYM Board decides to terminate this mandate~~ the Expected End Date, CRESYM shall maintain every Result available and usable.
- 11.10. **External dissemination.** On behalf of all Parties, especially for process descriptions or software pieces, and until ~~CRESYM Board decides to terminate this mandate~~ the Expected End Date, CRESYM shall make every Result available to any third party, having signed the corresponding, dedicated AToR.

Results’ Terms of Reference

- 11.11. **AToR development.** The Project Supervisory Board shall define the AToR provisions for every Result or set of Results, provided that they comply with the “General Terms and Conditions”, esp. the following provisions in this Article 11, and any relevant provision of the Article 21 of the “Specific Terms and Conditions”, and, if any, the obligations set by the contract with the hosting facilities provider.

11.11B **AToRs in AI.grids.** Complementing Article 11.11, for the sake of clarity:

- Notwithstanding the right of the Project Supervisory Board to adapt once the Result or set of Results is delivered, the AToR relating to a Result or set of Results must be completely described (or at least a first version for it) in the Task Agreement.
- An AToR can define different conditions and licenses to access and use a Result or set of Results for the duration of the Project, and beyond the Expected End Date. Especially, until the Expected End Date, a more restricted access and use can rule, compared to the license foreseen in the AToR applied as from the Expected End Date (“**embargo**”). In addition, before the Expected End Date, the Project Supervisory Board reserves the right to update the AToR attached to any Result, to ensure a consistent licensing of every piece of the Result portfolio.
- For the stake of clarity, the AToR shall include i/ the listing of the co-owners of the related Result, ii/ the listing of the related Background Information; iii/ the proposed license applying beyond the Project end; and if applicable, iv/ the restricted license to access and use for the duration of the Project.

11.12. AToR license. ~~Every AToR must be based on a standard license, selected among opensource licenses approved by the Open Source Initiative or the Free Software Foundation.~~ Whenever possible, the AToR of a Key Result or set of Key Results must be based on a **standard license**, selected among opensource licenses approved by the OpenSource Initiative or the Free Software Foundation.

If it is not the case for a Result or a set of Result(s), then the Project Management Board must derive, as far as possible, an additional Key Result from said Key Result of set of Key Results, that i/ can match the above requirement of a standard license and ii/ circumvent the limitations preventing the parent Result(s) to comply with that standard license.

In case no such a standard license is proposed for a Key Result or set of Key Results and no derived alternative is proposed as expected above, CRESYM reserves the right to request the Project Supervisory Board to suspend the related decision, for the limited purpose of consultation with the Institutional Observer and submission of an alternative proposal to the Project Supervisory Board.

Unless embedded licences (see below) impose a copyleft license, the choice shall be limited to non-copyleft licenses.

11.13. Embedded licenses. The AToR license related to a Result or set of Results embedding third party owned resources, shall comply with the corresponding third party’s product license.

11.14. No liability. Except if otherwise imposed by law, neither CRESYM, nor other Parties, shall be liable for any consequence of use and misuse by any User, Party or third party of a Result or set of Results, also beyond the End Date.

All developed AToRs must set forth this no-liability clause.

11.15. User’s liability. All developed AToRs shall ensure and impose that

- Users are liable for any consequence of usage and misuse of a Result or set of Results and for any Intellectual Property Right infringement while using a Result or set of Results in any way; and
- Users shall indemnify, defend and hold harmless CRESYM and any other Party (as “asset owner”) from and against any and all damages, claims, losses, expenses, costs, obligations and liabilities (including, without limitation, reasonable attorney’s fees), suffered directly or indirectly by any Party arising out of any Intellectual Property Right infringement committed by the user.

11.16. Credit. The AToR must impose to credit their use of the Result along with all authors’ names or at least “CRESYM et al.” as author; and on electronic means, to embed in the credit a link to the Community, if the Community exists.

Each Party must also credit its own use of the Result or set of Results the same way.

11.17. Competition law. This Agreement is essentially entered into by the Parties for research and development purposes and is therefore not subject to the rules imposed by Article 101 (3) of the Treaty on the Functioning of the European Union. To this end:

- Parties will have full access to the Results of the Project’s research and development, including any resulting IPRs and know-how, for the purposes of further research and development and exploitation. If

the Parties limit their rights of exploitation, access to the Results for the purposes of exploitation may be limited accordingly.

- where the Agreement only provides for joint research and development or paid-for research and development, each Party must have access to any Background Information of the other Parties concerned, if this know-how is indispensable for the exploitation of the Results and subject to Article 11.1.

Additional IP provisions of AI.grids

11.18. Management. To keep it practical, every co-owner of a Result i/ acknowledges the complexity of managing the related IPRs with many owners and possible interdependences with other Results and Background Information; ii/ entrusts and mandates the Project Supervisory Board to manage the Result and related IPRs in every respect; and iii/ waives all right to oppose a decision of the Project Supervisory Board about the management of the Result and the related IPRs.

Every Party must be consulted during fifteen (15) business days, through a collective email notification to their main Representatives, before the Project Supervisory Board enforces a decision about an AToR or more largely a decision related to the management of IPRs of a Result or a set of Results. In case of disagreement, the Project Supervisory Board shall assess the situation, inform the Institutional Observer before making a decision on the Result and the related IPRs.

11.19. Hand-over. After consulting the Institutional Observer and before the Expected End Date, the Parties will provide a financially balanced solution to further curate and maintain the Results in the long run: the **plan for the stewardship of the legacy** (see Task 2B.9). This plan is a Milestone (see Article 8.4).

The Parties acknowledge that the access and/or use of some of the Results, or of additional services attached to them, may be granted against payment, on behalf of the community of the Result owners and for the strict purpose of the Results long term curation and development.

11.20. Grid operators. The Parties commit to perpetually and irrevocably license access and use of every Key Result to every entity meeting the requirement of a G-Party but which is not Party itself.

However, a financial lump-sum contribution may be charged to such an entity when accessing the Result in the first place to symbolically contribute the Project effort similarly to a G-Party.

E. Financial Provisions

12. Financial Provisions

Principles

12.1. Currency. Unless stated otherwise, all amounts mentioned in the Agreement are expressed in Euro (€).

If another currency is referred to, the conversion principles to Euros must be described in Article 21. By default, CRESYM shall convert the amount in Euros (EUR), using the average rate over the last thirty days before the issuance date of the settlement. Amounts on the invoices shall be in Euros, matching those of the prior settlements.

12.2. Cost recovery. Every Party shall receive from the Project funding payment for the costs budgeted to be incurred to it when undertaking the Project, plus any mandatory minimum margin attached to them, if any, as budgeted in the table of Appendix 2.

Parties shall bear their own expenses levied by bank in their own respective country/territory.

All fees and amounts payable to Research Institutions are exclusive of any value added tax, goods and service tax, sales tax, use tax, consumption tax or any other similar tax. Therefore, the amount stated in the table of Article 24.2 in Appendix 2 to be paid to Research Institutions is the net amount to be received by Research Institutions.

12.3. Settlement. Every quarter, the total amount of required funding is assessed based on the foreseen Task implementation; and is split on all net funding Parties, pro-rata their funding share for the remaining part of the Project, as budgeted in Article 33.1 of Appendix 3.

- 12.4. **Project account.** CRESYM shall monitor a dedicated account for the Project.
- 12.5. **Pooling.** Every Party contributing to funding the Project except CRESYM, respectively benefiting from the Project funding except CRESYM, shall be invoiced by, respectively shall invoice, CRESYM on a quarterly basis, unless otherwise expressly stated in the Specific Terms and Conditions.
- 12.6. **Common pot.** Unless otherwise expressly stated in the Specific Terms and Conditions, every Party ~~i/ contributing to funding the Project and ii/ member of CRESYM³ except CRESYM~~, shall also contribute to CRESYM common budget, on the following basis: for every euro charged to the Party, 85% (eighty five percent) shall actually fund the project and 15% (fifteen percent) shall contribute to CRESYM common budget.
- The contribution to CRESYM common budget shall appear as a separate row on the invoice.
- Only a Common Project can be funded, and only up to half of its budget, by CRESYM common budget.
- 12.7. **Cash management.** No cash management fees or costs are due by CRESYM for the account saldo.
- The Parties waive all rights and/or claims they could have against CRESYM when CRESYM acts in its capacity of funding pooler, including the management of funds, settlement of invoices, etc., except fraud or wilful misconduct of CRESYM. Parties acknowledge CRESYM is not remunerated for these tasks.
- 12.8. **Update.** Every Party must keep the other Party informed of any update in their invoicing details (see Appendix 2 to the “Specific Terms & Conditions”, Article 28.2).

Settlement & invoicing

- 12.9. **Schedule.** For every quarter, CRESYM shall
- Six (6) weeks before the beginning of the quarter, notify to all Parties a settlement sheet compiling the upcoming invoices’ details;
 - Two (2) weeks after the settlement date, invoice every contributing Party, in accordance with the proposed settlement sheet;
 - Eight (8) weeks after the settlement date, be invoiced by every funded party, in accordance with the proposed settlement sheet.
- The abovementioned schedule may be adapted for the first quarter of the Project, if the signature occurs less than six (6) weeks before the Effective Start Date.
- By exception to the above, every Party funding less than forty thousand euros (EUR 40 000) per year, is invoiced in one setting, at the beginning of the related Project year.
- 12.10. **Invoice content.** Invoices shall contain:
- invoice number, invoice issue date, period of performance, payment term;
 - full name, address and VAT number of both invoicing and invoiced Party, where applicable;
 - contact details (email) of the invoice Party’s contact person (see Appendix 2 to the “Specific Terms & Conditions”, Article 28.2);
 - invoice amount and currency;
 - bank account details (at least IBAN and BIC or SWIFT code) on which the relevant payment shall be made;
 - tax rate and tax amount separately, if any;
 - reference to the reverse charge (according to Article 196 from the Directive of Council 2006/112/EC – tax payable by customer), where applicable.

³ For the sake of clarity, Parties that are not CRESYM members and funding the Project and CRESYM are not required to contribute on top of their contribution to this Agreement to CRESYM common budget as well.

12.11. **Errors.** In case the invoice needs to be modified, a modified invoice must be issued. The modified invoice shall contain the following:

- reference to the original invoice number which is to be modified;
- reference in content that the subject is a modification;
- originally invoiced amount, final amount and the difference in value.

12.12. **VAT.** VAT will be charged by, respectively to, CRESYM to contributing Parties, respectively by funded Parties, at the legal rate in the country of the invoice sender.

Payments

12.13. **Payment terms.** Payments are due on reception of the invoice, or no later than thirty (30) days after the invoice date, provided that the invoice complies with applicable legal requirements.

12.14. **Late Payment.** The minimum legal penalty applicable in the country of the invoicing Party shall apply for late payments.

The invoiced Party becomes a Breaching Party, if a payment remains unpaid more than thirty (30) days after a notice informing the invoiced Party of the breach, and asking it to remedy the breach, has been sent to the invoiced Party.

12.15. **Wire transfer.** Every payment shall be made in Euros, through bank wire transfer to the bank account mentioned on invoice.

Tax matters

12.16. **Tax rebates.** Every Party intending to apply for tax rebates because of any Project expense must inform the other Parties of the corresponding intention.

In case two Parties claim a tax rebate for the same expense, the Party receiving funds from the other, possibly wheeled via CRESYM, gives up its right to a tax rebate in advance.

Export matters

12.17. **Export clause.** The Parties shall comply with the respective applicable requirements of national and international export, customs and foreign trade law ("export control regulations").

The Parties undertake to communicate in writing as early as possible all Information required by any other Party for compliance with the applicable export control regulations.

The performance of the Agreement by the Parties is subject to the provision that no obstacles due to national or international export control regulations as well as no embargos and/or other sanctions stand in the way of performance.

F. General Provisions

13. Duration & termination

13.1. **Entering into force.** This Agreement enters into force on the Effective Start Date (see Appendix 2 to the "Specific Terms & Conditions", Article 23.2).

13.2. **Termination.** This Agreement shall terminate (i) either on the End Date, entailing the application of Article 13.5 and 13.5B; or (ii) latest on the Ultimate Date, entailing the application of Articles 13.4, 13.5 and 13.5B.

13.3. **End Date.** The End Date shall be set by the Project Supervisory Board after their formal acknowledgement of

- the (i) delivery (see Article 8.2) or (ii) the termination (see Article 8.3) of each and every Result; and

- the effective settlement of all financial transactions between the Parties that the Project Agreement involves (see Article 12).

13.4. **Default termination.** If the Ultimate Date clearly appears to be the date of termination of the Agreement, CRESYM (or the Project Leader, if still active) shall, at least fifteen (15) Business Days ahead of the anticipated Ultimate Date, call a Project Supervisory Board meeting. Such Project Supervisory Board meeting shall decide on the terms and conditions of the effective termination of the Agreement.

Notwithstanding any other provision herein, quorum for this Project Supervisory Board meeting shall be of fifty percent (50%) of its members and decisions of that Project Supervisory Board meeting will be valid if taken by a simple majority.

The said Project Supervisory Board meeting shall:

- Acknowledge the (i) delivery (see Article 8.2) or (ii) the termination (see Article 8.3) of each and every Result;
- Mandate CRESYM to undertake all measures or actions necessary to immediately stop the Project, including manage possible ex-post obligations, if any, and to ensure effective and expedite settlement of all financial transactions not yet settled between the Parties (see Article 12).

Ex post obligations (see next) apply after the Ultimate Date.

13.5. **Ex Post obligations.** The provisions of the Agreement which will remain in force on or after termination, shall survive the termination of the Agreement.

Especially, beyond the termination of the Agreement, every Party must comply, if concerned, with the provisions set forth in:

- Articles 10.8 to 10.11 (confidentiality);
- Articles 10.14 and 10.15 (personal data);
- Articles 11.4 to 11.15 (Joint ownership agreement);
- Articles 9.1 to 0 (scientific publications);
- Article 12 (payment obligation).

13.5B **Ex Post obligations.** For the sake of clarity, complementing Article 13.5, the provisions relating to Intellectual Property, licensing, confidentiality, limitation of liability, governing law, jurisdiction, mandate granted to CRESYM in Article 11, and any clause which by its nature is intended to survive termination shall survive termination or expiration of this Agreement

13.6. **Suspension.** The Project Supervisory Board, or the Project Leader in case of Force Majeure (see Article 15.3), may decide to suspend and resume, when applicable, the application of all, or part of, the Agreement with a unanimous decision.

The decision must state explicitly which rights and obligations of all, or some of, the Parties are suspended.

14. Liability

Breach

14.1. **No joint liability.** Parties are liable for their own respective obligations under this Agreement.

The Parties do not assume joint and several liability.

14.2. **Duty to cooperate.** Each Party has a duty to mitigate its damages in connection with this Agreement. The Parties shall assist each other in taking the appropriate actions/measures to prevent and/or minimise all damages towards each other and towards third parties.

14.3. **Liability between Parties.** The contractual liability of the Parties towards each other pursuant to this Agreement is limited to direct damages caused by gross negligence, fraud or wilful misconduct.

Further limitations of liability may be included in the Specific Terms and Conditions.

No Party shall be held liable for simple negligence. Article 4.1 shall remain unaffected.

14.4. **Compensation between Parties.** When an Affected Party suffers damages from a Breaching Party's gross negligence, fraud or wilful misconduct, the Affected Party shall be entitled to claim compensation from the Breaching Party for any and all losses, damages, charges, fees or expenses, expected and unexpected, which can be considered as a direct damage arising out, or resulting from, a breach of the terms of this Agreement.

14.4B **Individuals.** No Party shall assert any claim for damages caused in connection with the performance or non-performance of an obligation under this Agreement against the Representatives of another party. This shall however not exclude claims against auxiliary persons to the extent that the damage was caused by their wilful act or to the extent that such exclusion is not permitted by law.

14.5. **Liability cap.** Unless set out otherwise in Article 21 of the "Specific Terms and Conditions", the liability of the Breaching Party shall be limited to a cap of hundred thousand euros (100.000 €) per individual breach irrespective of the number of Affected Parties and of three hundred thousand euros (300.000 €) per year irrespective of the number of breaches and Affected Parties. The cap includes the legal costs arising from the breach.

14.6. **Third party claims.** When a third party claims damages resulting from the breach of a Breaching Party, the Party that received the third party claim (the Defending Party) shall:

- notify promptly the Project Leader and the other Parties in writing of any such claim;
- to the extent possible, inform the alleged Breaching Party(ies) and the other Parties about the content and proceedings of such claim.

All Parties shall cooperate in the defence against the third party claim.

14.7. **Compensation to third party.** In case a third party files a liability claim against one of the Parties, the Breaching Party(ies) shall compensate the Defending Party. The Defending Party shall be entitled to claim compensation from the Breaching Party(ies) under the following conditions:

- The compensation shall not exceed the amount corresponding to what the Defending Party has paid to the third party as compensation for its damage increased by the necessary arbitration/court fees and the reasonable attorney fees of the Defending Party; and
- The Defending Party is entitled to claim damages from the Breaching Party(ies) only pursuant to a final and effective court decision with regard to claims of the third party; or pursuant to a settlement between the third party and the Defending Party provided that the Defending Party approved any proposed settlement with the prior approval of the Breaching Party(ies); or in case the Breaching Party and Defending Party agreed on out of court settlement of the third party claims.

Insurance

14.8. **Insurance.** Parties shall ensure they have procured appropriate insurance coverage for their respective undertakings pursuant to this Agreement and the Project.

CRESYM facilitator of AI.grids

14.9. **Facilitator.** CRESYM's liability is limited to the implementation of its duties: project management, facilitation and coordination.

When CRESYM acts on behalf of other Parties (e.g. in application of Article 4.14B), no other Party is liable for any consequence of a Breach caused by CRESYM's gross negligence or wilful misconduct.

CRESYM acts solely as facilitator and coordinator of the Project and shall not be responsible for the performance of technical Tasks or the achievement of specific Results by the Parties.

CRESYM, acting as the facilitator and coordinator of the Project, shall be liable for any direct damage resulting from its failure to maintain the Agreement's information exchange infrastructure or from breaches in the management of access rights to Background Information within the Project's Private Workspace.

15. Force majeure

- 15.1. **Principle.** No Party shall be liable for delay or failure to fulfil its obligations under this Agreement if the delay or failure results from Force Majeure.
- 15.2. **Notice.** The Party invoking a Force Majeure shall notify the other Parties as soon as reasonably possible when said Party is aware of the Force Majeure situation or event, such notice describing the nature and origin of the Force Majeure event and its expected duration.
- 15.3. **Short term management.** The Project Leader shall without delay examine, including by calling upon legal advice, if the said Force Majeure event is justified. If the Project Leader confirms the Force Majeure, the Project Leader shall notify the concerned Parties that their respective obligations under this Agreement are suspended (see Article 13.6) and shall indicate the expected duration of such suspension.

As of the date of said Project Leader's notice, every concerned Party's obligations will be suspended for the time indicated in the notice. The Project Leader may upon justification extend the said suspension duration by sending an appropriate notice to the Parties. Any Party may challenge the Project Leader's notice and/or decision regarding Force Majeure by calling for a special meeting of the Project Supervisory Board to decide on said Force Majeure.

Every Party shall make any reasonable efforts to limit the consequences and duration of such event.

- 15.4. **Long run Management.** If this suspension period lasts more than two (2) months, the Parties shall convene a Project Supervisory Board meeting for deciding on the termination or continuation of the Project and the Agreement and/or to decide on all necessary measures regarding the consequences of the Force majeure situation.

The legal evaluation by a court etc. and any consequential claims shall be independent from the assessment of the Project Leader of the Force Majeure event, but the Parties shall be bound by the legal evaluation by a court.

16. Assignment/Subcontracting

- 16.1. **No transfer to third party.** Parties shall not assign, transfer or otherwise cede any of their rights and obligations under this Agreement, without the prior, express and written consent of all other Parties.

Assignment, transfer or cession by means of merger, split-off or other corporate transaction and assignment, transfer or cession to affiliate companies as defined by law is not subject to the approval of the other Parties, but is however subject to an information notice sent to the other Parties within thirty (30) Business Days from such assignment, transfer or cession.

- 16.2. **Succession.** This Agreement and the rights and obligations which arise hereunder, can be transferred by a Party to any entity which succeeds it in accordance with the applicable laws and regulations, subject only to notification to all other Parties.

From the time of such transfer, the assignee assumes the full rights and obligations of the Party under this Agreement.

- 16.3. **Sub-contracting.** Every Party shall not subcontract any of its obligations under this Agreement, without the prior written consent of the other Parties, which consent shall not be unreasonably withheld.

Per se, a subcontractor does not become a Party to this Agreement.

Every Party remains liable for all its obligations in application of this Agreement vis-à-vis the other Parties, regardless of any transfer to a subcontractor of theirs.

If a Party assigns, subcontracts or otherwise transfers any of its rights or obligations under this Agreement to a subcontractor, then the subcontractor's Representatives shall be considered alike any other Receiving Party's own Representative when applying this Agreement (and especially confidentiality obligations in Article 10).

17. Notice

- 17.1. **Format.** Notices under this Agreement shall be made in writing, addressed to the Party's address set forth in Appendix 2 to the "Specific Terms & Conditions", Article 28, or as may be later modified.

Notices shall be given either by registered mail or by e-mail (with acknowledgement of receipt) or via the project platform chat service (with effective reply in writing from the recipient).

For avoidance of doubt, this section applies only to the exchange of notices about the Agreement and does not prohibit exchanges of Information among the employees of the Parties.

- 17.2. **Proof.** The notice shall be deemed effective at the time when the (e)mail or chat service confirmed to the sender as delivered to the recipient on the date of receipt; or when the recipient has replied.
- 17.3. **Updates.** Each change of address of a Party, including e-mail address or a Representative, must be immediately notified to the other Parties and Project Leader by e-mail.

Absent such notification, all notifications communicated to the latest communicated address will be considered to be made legitimately.

- 17.4. **Use of electronic means.** The Parties acknowledge and agree that their electronic exchanges (emails, SMS, etc.) have the same value as any other written material and that their content is deemed genuine unless the evidence of a fraud is brought.

18. Final Provisions

- 18.1. **Capacity.** Every party warrants that it has due capacity and authority to enter into this Agreement and perform the Tasks pursuant to it.
- 18.2. **Representatives.** Every Party warrants that their Representatives involved or implied by the implementation of this Agreement, comply with the terms and conditions of the present Agreement.
- 18.3. **English.** This Agreement and all documents exchanged in application of this Agreement must be in English or translated in English in order to be considered valid.
- 18.4. **Non-Exclusivity.** Nothing in this Agreement shall prohibit a Party from providing any service to third parties during the term of this Agreement, provided that they do not adversely interact with, or limit, the undertaking of the Project.

- 18.5. **No waiver.** No failure or delay by a Party hereto in exercising any right, power, privilege or remedy hereunder shall operate as a waiver thereof, nor shall any single or partial exercise thereof preclude any other or further exercise thereof or the exercise of any right, power, privilege or remedy hereunder.

- 18.6. **Waiver and remedies.** No Party shall be deemed to have waived any rights or remedies arising out of this Agreement or out of any default or breach hereunder unless such Party executes the waiver in writing.

If a Party waives a right or remedy arising out of this Agreement or out of any default or breach hereunder, such waiver shall not be construed to constitute a waiver of any other rights or remedies.

The rights and remedies of a Party under the Agreement apply cumulatively with and do not exclude any other rights and/or remedies granted to such Party under the Agreement and/or applicable law.

- 18.7. **Conflict of interest.** To the best of its knowledge, every Party confirms that it is not subject to a conflict of interest with respect to the Project goals or Results.

Every Party hereby confirms that, to the best of its knowledge, it is not acting in any capacity for a third party which presents an actual or potential conflict of interest.

If during the performance of this Agreement a Party believes a conflict of interest may arise or has arisen, it shall inform the other Parties in writing promptly after becoming aware of the actual or potential conflict of interest.

19. Applicable Law, dispute & courts

Governing law

- 19.1. **Governing Law & Jurisdiction.** This Agreement shall be exclusively governed by, and construed and enforced in accordance with, the laws of the Kingdom of Belgium, without giving effect to its conflict of law provisions and/or principles.

Dispute & courts

- 19.2. **Amicable Settlement.** Parties shall first seek to settle amicably any claims, controversies or disputes or disagreement between the Parties arising out of, connected with, or relating in any way to this Agreement.
- 19.3. **Escalation.** Should the Parties not be able to resolve their issue(s) amicably within a period of three (3) months after a Party first notifies the disagreement, any Party shall be entitled to request CRESYM's Projects Committee to facilitate a non-binding mediation process. The Party shall notify CRESYM's Projects Committee chairperson by email and copy all other Parties of said notification.
- CRESYM's Project Committee shall hear the concerned Parties in writing within one (1) month from the confirmation of receipt of the dispute's notification. Within a period of two (2) months from the confirmation of receipt of the dispute's notification, the Projects Committee shall issue a written recommendation regarding the dispute with the sole aim of assisting the Parties in reaching an amicable settlement. Any interested Party may then appeal to CRESYM Board within one (1) month. CRESYM Board shall hear the designated Representative(s) of the concerned Parties for the purpose of the present provision (see Appendix 2 to the "Specific Terms & Conditions", Article 26.4) and if appropriate organise a meeting with them to settle the matter. Any outcome of such review shall likewise be non-binding.
- 19.4. **Courts.** If the Parties cannot settle their claims or controversies or dispute or disagreements in accordance with the previous provisions, the court in Brussels are competent.

20. Signatures

- 20.1. **Electronic signature.** The Parties agree that each of them may sign the Agreement, or any related document, by affixing an Electronic Signature and acknowledges that this Electronic Signature will have the same legal value as a handwritten signature.
- 20.2. **Proof.** The Parties expressly agree that the Agreement, or any related document, signed electronically constitutes the original of the document and that it is perfectly valid between them.
- Accordingly, the electronically signed Agreement, and all related document, constitutes proof of the content of the electronically signed Agreement (or related document), the identity of the signatory and consent to the obligations and consequences arising from the Agreement (or related document).
- Neither Party shall object to the validity of the documents based on the fact that they have been executed by an Electronic Signature.
- 20.3. **Transmission.** The Parties agree that the official electronic transmission of the electronically signed Agreement, constitutes proof between the Parties of the existence, content, sending, integrity, timestamping and receipt of the Agreement, signed electronically between the Parties.

SPECIFIC TERMS & CONDITIONS

WHEREAS

- F. The Parties have designed the project described in Appendix 1 to the present “Specific Terms and Conditions” (the **Project**) and decided to undertake it, and therefore to enter into the present **Agreement**.
- G. AI.grids is a European initiative aiming at federating the European players to develop and share foundation models for power systems, complementing and building on, rather than competing with, other initiatives and projects (e.g. [LF energy's openGridFM](#), [openPowerAI](#)), while securing the sharing, and access to, sensitive power system data.
- H. The present Agreement is a framework enabling the Parties to further structure the Project (see Article 4.15), define or refine Tasks, hire additional contributors through Task Agreements (see Articles 8.28, 8.29), and agree on the target and long-term scheme and technical infrastructure for the Input Data and Results of the Project.
- I. Every Party acknowledges that some sections of the Appendices are hence on purpose only framed so that they can be further detailed later on by the Working Groups. Such missing detailed information is highlighted with the following banner:

To be completed/detailed in the course of the Project

- J. The Parties expect additional organisations, and especially grid operators, to become other Party to this Agreement, in order to ensure proper association of all stakeholders. Such organisations are to be invited to become Stakeholder in order to be informed of the progress of the Project.
- K. The Parties consist of CRESYM members and other entities, that are not members of CRESYM. For the sake of clarity, the By Laws and Internal Rules of CRESYM apply for CRESYM members and do not bind other Parties to this Agreement.
- L. By exception to other projects of CRESYM, and to ease readability for non-members of CRESYM, the provisions in Article 21 of the first version of AI.grids project agreement submitted to signature on 26th March 2026 that cancelled and replaced provisions of the “General Terms & Conditions” have been reintegrated in the corresponding Articles as from this second version of the AI.grids project agreement. Such deviations compared to the original General Terms & Conditions are displayed in [blue fonts](#).

NOW THEREFORE, THE PARTIES HEREBY AGREE AS FOLLOWS:

21. Specific governing provisions

- 21.1. **General Terms & conditions.** Every Party agrees with the “Project Agreement - General Terms & Conditions” attached to the present “Project Agreement - Specific Terms and Conditions”.
- 21.2. **Prevalence.** The following provisions in Article 21, if any, complement, and where applicable cancel and supersede, the corresponding provisions of the “General Terms and Conditions”.

Governance & management

- 21.3. **Areti.** By exception to Article 8.24, the Parties acknowledge that Areti is exempted from funding the Project with ten thousand euros per year (EUR 10 000/year) as it commits to bring as Resource, manpower for five person.month per year (5 PM/year) that is about forty thousand euros per year (EUR 32 000/year) in kind.

For the sake of clarity, all other provisions apply to Areti as for any other G-Party and especially Areti receives a similar share of the Key Result as any other G-Party. Areti is also not considered as a Research Institution (see Article 24.4). No remuneration is expected for Areti's for this in-kind contribution.

Intellectual property

- 21.4. **Mutual sharing.** Complementary to Articles 11.1 and 11.7, due to state aid regulation, only DTU's Background Information which is publicly available under an opensource license or issued in a scientific publication, may be used by a Party after the End Date and termination of this Agreement.

Finance

- 21.5. **Invoicing.** Every invoice to PSE SA, respectively SEPS, shall mention that it is for the development and transfer of joint ownership of the software under the working name: "AI.grids". The last invoice to PSE SA, respectively SEPS, shall bear the mention that this is the last invoice regarding the development and the joint ownership and that the software is ready and or completed.

Liability

- 21.6. **Legal documentation.** Complementary to Article 14.9, CRESYM supplies on demand any piece of legal documentation about its establishment (certificate of residence, list of beneficiary owners, etc.) to a Party requiring it.
- 21.7. **Insurance.** Complementary to Article 14.8, as DTU is governed by the Danish rules on the state's self-insurance, DTU is accordingly self-insured and cannot take out a specific liability insurance policy.
- 21.8. **Liability cap.** Complementary to Article 14.5, the following applies:

Fraunhofer's liability for negligence shall be limited to the damage that was foreseeable and typically to be expected when the Agreement was concluded. This liability limitation also applies in favour of Fraunhofer's legal representatives and performing agents and in respect of Fraunhofer's tortious liability.

ICCS' liability in any case is limited to its share of the budget, except for the cases that such liability limitation is not permitted by law.

Considering TNO's lower commitment than other R-Parties, and unless the Task Agreement signed by TNO says otherwise, the liability of **TNO** shall be limited to a cap twenty five thousand euros (25 000 €) rather than hundred thousand euros (100 000 €) per individual breach irrespective of the number of Affected Parties and of seventy five thousand euros (75.000 €) per year irrespective of the number of breaches and Affected Parties.

IRT SystemX' liability is limited to damages foreseeable and typically to be expected when the Agreement was concluded. Considering IRT SystemX' specific positioning and involvement in the Project (IRT SystemX is not a Key Player and does not involve Resources in the Project), SystemX' liability shall be limited to a cap of twenty thousand euros (20 000 €), rather than a hundred thousand euros (100 000 €), per individual breach irrespective of the number of Affected Parties. Moreover, it is agreed that SystemX' total amount of liability under the Agreement is capped at a maximum amount of one hundred thousand euros (100 000 €). The cap includes the legal costs arising from the breach.

AIT' liability in any case is limited to its share of the budget, except for the cases that such liability limitation is not permitted by law.

No liability of any kind, including liability for legal costs, shall apply to or be incurred by **Areti**, irrespective of the number of Affected Parties, taking into account Areti's commitment and its waiver of remuneration.

The liability of **DTU** shall be limited to DTU's share of the budget or a cap of five hundred Danish crowns (DKK 500,000, approx. Eur 67.000), whichever is lower, except in case of gross negligence, intentional acts or omissions.

Unless the Task Agreement signed by PCSS says otherwise, the total aggregate liability of **PCSS** shall be limited to a cap of twenty-five thousand euros (25 000 €) rather than a hundred thousand euros (100.000 €)

per individual breach irrespective of the number of Affected Parties, and of seventy five thousand euros (75.000 €) per year irrespective of the number of breaches and Affected Parties.

ST' liability in any case is limited to its share of the budget, except for the cases that such liability limitation is not permitted by law.

Unless the Task Agreement signed by SuperGrid Institute says otherwise, the total aggregate liability of the **SuperGrid Institute** shall be limited to a cap of twenty-five thousand euros (25 000 €) rather than a hundred thousand euros (100.000 €) per individual breach irrespective of the number of Affected Parties, and of seventy five thousand euros (75.000 €) per year irrespective of the number of breaches and Affected Parties.

Every R-Party or I-Party accessing the Project after the signature of the version approved by the Project Supervisory Board on June 3rd 2026 can require in any Task Agreement it may sign, to limit its liability to its share of the budget for the said Task.

.../...



22. Signatures

IN WITNESS WHEREOF, THE PARTIES TO THIS AGREEMENT HAVE EXECUTED OR HAVE CAUSED THEIR DULY AUTHORIZED REPRESENTATIVES TO EXECUTE THIS AGREEMENT ON THEIR BEHALF AS OF THE EFFECTIVE START DATE.



CRESYM

On: 3rd June 2026

Signature:



Name: Sébastien LEPY
Title: General Manager



ALLIANDER

On: 3 June 2026

Signature:

Name: Tom VAN IERSEL

Title: Manager Alliander Research Centre for Digital Technologies



ARTELYS

On: 6/9/2026

Signature:

Signé par :

818C48D710D74E7...

Name: Nicolas OMONT

Title: Vice President Operations



CYBERGRID GMBH

On: 6/4/2026

Signature:

Signed by:

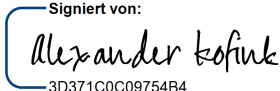
E983EEDC9DC7401...

Name: Peter NEMCEK

Title: Chief Technical Officer

On: 6/5/2026

Signature:

Signiert von:

3D371C0C09754B4...

Name: Alexander KOFINK

Title: Chief Executive Officer



EUROPEAN DISTRIBUTION SYSTEM OPERATORS AISBL (E.DSO)

On: 6/11/2026

Signature:

Signed by:

83907D88D9B34D2...

Name: Charles ESSER

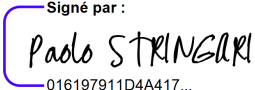
Title: Secretary General



ECOLE NATIONALE SUPERIEURE DES MINES DE PARIS

On: 6/18/2026

Signature:

Signé par :

016197911D4A417...

Name: Paolo STRINGARI

Title: Research Director



ELES DOO

3.2.2022

On:

Signature:

Name: Aleksander MERVAR

Title: Chief Executive Officer



ENLINE

On: 6/4/2026

Signature:

Assinado por:

Manuel LEMOS

9E24ACE57688432...

Name: Manuel LEMOS

Title: Chief Executive Officer



EPRI EUROPE

On: 6/17/2026

Signature:

DocuSigned by:

F850219F4D68414...

Name: Eamonn LANNOYE

Title: Managing Director



ENERGIJOS SKIRSTYMO OPRATORIUS AB (ESO)

On: 6/16/2026

Signature:

Signed by:

E8E058CED85A447...

Name: Andrius TALACKA

Title: Head of Innovation & Transformation Department



FONDAZIONE BRUNO KESSLER (FBK)

On: 6/5/2026

Signature:

Firmato da:

C9AF9443FB4F4BF...

Name: Andrea SIMONI

Title: Secretary General



FORSCHUNGSZENTRUM JÜLICH

On: 3/6/2026

Signature:

A handwritten signature in black ink, appearing to read "Andrea Benigni", is written over a horizontal line.

Name: Andrea BENIGNI

Title: Director of the Climate & Energy Systems Institute



FRAUNHOFER

On: 6/23/2026

Signature:

DocuSigned by:

DC426C21C3DB465...

Name: Annika NIBBL

Title:

On: 6/24/2026

Signature:

Signed by:

B5171491297E41C...
p.p. Christian SCHÖWERLING

Name: Thomas FISCHER

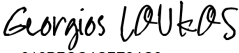
Title:



HELLENIC ELECTRICITY DISTRIBUTION NETWORK OPERATOR SA (HEDNO)

On: 6/22/2026

Signature:

Signed by:

616B7CC4C7F84C9...

Name: Georgios LOUKOS

Title: Head of Research & Innovation department



INESC TEC

On:

Signature:

A handwritten signature in black ink, appearing to read "Luis SECA", is written over a horizontal line.

Name: Luis SECA

Title: Member of the Executive Board



INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS - ICCS

On: 6/11/2026

Signature:

DocuSigned by:
Ioannis Psarras
98EE7A111CB44BE...

Name: Em.Prof. Ioannis PSARRAS

Title: Director



INDEPENDENT POWER TRANSMISSION OPERATOR SA (IPTO)

On: 6/10/2026

Signature:

Signed by:
Ioannis Moraitis
2FE8EEAEBAC14C5...

Name: Ioannis MORAITIS

Title: Director of Research Technology and Development Directorate



INSTITUT DE RECHERCHE TECHNOLOGIQUE SYSTEMX (IRT-SYSTEMX)

On: 6/11/2026

Signature:

Signé par :

D970885AE5DF48C...

Name: Pol François LABROGERE

Title: General Director



NATRAN

On: 7/28/2026

Signature:

DocuSigned by:

Pierre Blouet

39DFB0D6906C458...

Name: Pierre BLOUET

Title: Director of Research, Development and Innovation



NETZ NIEDERÖSTERREICH GMBH

On: 6/8/2026

Signature:

Signiert von:

258BEDF515C14D6...

Name: Christian SCHIRMER

Title: Procurator

On: 6/9/2026

Signature:

DocuSigned by:

78C5BDAC55BE466...

Name: Werner HENGST

Title: Managing Director



CENTRO DE INVESTIGAÇÃO EM ENERGIA REN-STATE GRID, S.A. (R&D NESTER)

On: 6/10/2026

Signature:

Signed by:
Nuno Souza e Silva
BF4346C8B5D1463...

Name: Nuno SOUZA E SILVA

Title: Managing Director



RICERCA SUL SISTEMA ENERGETICO – RSE S.P.A.

On:

Signature:

A handwritten signature in black ink, appearing to read "Martini", is written over a horizontal line.

Name: Luciano MARTINI

Title: Director of the Generation Technologies and Materials Department



RTE – RESEAU DE TRANSPORT D'ELECTRICITE

On: 6/11/2026

Signature:

DocuSigned by:
Gabriel Bareux
D86A38050912402...

Name: Gabriel BAREUX

Title: Director R&D



RWTH AACHEN UNIVERSITY

On: 7/10/2026

Signature:

p.o. Ralf Drafz

Signiert von:



A417554364A540D...

Name: Prof. Dr. rer. nat. Dr. h. c. mult.
Ulrich RUEDIGER

Title: Rector

On:

Signature:

A handwritten signature in black ink, appearing to read "Antonello Monti", written over a horizontal line.

Name: Antonello MONTI

Title: Professor



SWISSGRID AG

On: 6/5/2026

Signature:

DocuSigned by:
Emanuele Colombo
8E40AAA467024C9...

Name: Emanuele COLOMBO

Title: Head of Market Strategy

On: 6/18/2026

Signature:

Signé par :
Nell REIMANN
AEAC80F00995403...

Name: Nell REIMANN

Title: Head of Market,
Member of the Executive Board



TENNET TSO B.V.

On: 6/5/2026

Signature:

Signed by:

Akshaya PRABAKAR

3F50C01123E14DC...

Name: Akshaya PRABAKAR

Title: Manager Strategy & Transformation

On: 03/06/2026

Signature:

A handwritten signature in black ink, appearing to read "Paul POTTUIJT", written over a horizontal line.

Name: Paul POTTUIJT

Title: Manager System Operation and Market development



TECHNISCHE UNIVERSITEIT DELFT

On: 3. JUNE 2026

Signature:

p.o. P. L. V.

Name: L. J. VAN VLIET

Title: Dean of the Faculty of Electrical Engineering, Mathematics and Computer Science



TECHNICAL UNIVERSITY OF CLUJ-NAPOCA

On: 6/19/2026

Signature:

Signed by:

FB4C953854CC465...

Name: Vasile TOPA on behalf of Florin Oniga

Title: Rector



NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK (TNO)

On:6/11/2026

Signature:

DocuSigned by:

4E8128318F8A40A...

Name: Marc ZEGVELD

Title: Managing Director Unit ICT Strategy and Policy



UBITECH ENERGY SPRL

On: 6/5/2026

Signature:

Signed by:

9D441F180D054FC...

Name: Thanassis BOURAS

Title: Research Strategy Director



50HERTZ TRANSMISSION GMBH

On: 6/11/2026

Signature:

Signed by:

4BAA8999E28B478...

Name: Ana CIGARAN ROMERO

Title: Head of Department Advisory &
Cooperation

On: 6/15/2026

Signature:

DocuSigned by:

41BA9F908D1049D...

Name: Ralf HEISIG

Title: Product Lead,
Future Product Development



AMPRION GMBH

On: 3. JUNE 2026

Signature:

A handwritten signature in black ink, appearing to read "ppa. Kaendler", written over a horizontal line.

Name: Gerald KAENDLER

Title: Vice President European Affairs

On: 6/11/2026

Signature:

Signiert von:
A handwritten signature in black ink, appearing to read "Henning Marquardt", written over a horizontal line.
96925E814F1244B...

Name: Henning MARQUARDT

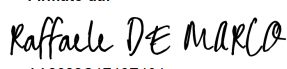
Title: Head of Innovation Management



ARETI S.P.A

On: 6/11/2026

Signature:

Firmato da:

AA2622C4F46E404...

Name: Raffaele DE MARCO

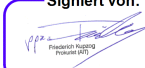
Title: Chief Executive Officer



AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH

On: 6/24/2026

Signature:

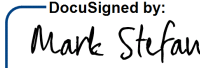
Signiert von:

A7BA34C9A6AB42E...

Name: Frederich KUPZOG

Title: Head of Centre for Energy

On: 6/24/2026

Signature:

DocuSigned by:

DFCC6A46FCCB470...

Name: Mark STEFAN

Title: Head of Competence Unit Power &
Renewable Gas Systems



AUSTRIAN POWER GRID AG

On:

Signature:

On:

Signature:

Name: Florian Markus Bruno PINK

Title:

Name: Peter LACHINGER

Title:

BUDAPESTI MŰSZAKI ÉS GAZDASÁGTUDOMÁNYI EGYETEM

On:

Signature:

p.o.



Name: Hassan CHARAF

Title: Rector

On:

Signature:

p.o.



Name: Sandor IMRE

Title: Dean



ČEPS A.S.

On:

Signature:

Svatopluk Vnouček
Digitálně podepsal(a)
Svatopluk Vnouček
Datum: 07.07.2026
10:48:50

Name: Svatopluk VNOUČEK

Title: Vice-Chairman of the Board of Directors

On:

Signature:

Radek Hartman
Digitálně podepsal(a)
Radek Hartman
Datum: 07.07.2026
10:42:19

Name: Radek HARTMAN

Title: Member of the Board of Directors



CYPRUS UNIVERSITY OF TECHNOLOGY

On: 6/19/2026

Signature:

Signed by:

3E20B410D0434D1...

Name: Charalambos CHRISOSTOMOU

Title: Legal representative



DANMARKS TEKNISKE UNIVERSITET

On: 6/4/2026

Signature:

Signed by:
Jan Madsen
6616343CAFCF4D3...

Name: Jan MADSEN

Title: Head of department DTU Compute
(Department of Applied Mathematics and
Computer Science)

On: 6/7/2026

Signature:

DocuSigned by:
Morten W. Jeppesen
902CCD6BB5A94F7...

Name: Morten JEPPESEN

Title: Head of department DTU Wind
(Department of Wind and Energy Systems)

**EUROPEAN NETWORK OF TRANSMISSION SYSTEM OPERATORS FOR
ELECTRICITY (ENTSOE)**

On: 03/06/2026

Signature: P.P. Antony Figueiro



Name: Sonya TWOHIG

Title: General Secretary



FUNDACIÓN CIRCE

On: 6/4/2026

Signature:

Firmado por:

OCA52583D5714FA...

Name: Andrés LLOMBART ESTOPIÑÁN

Title: General Director



HUN-REN SZTAKI

On: 6/19/2026

Signature:

Signed by:

7A766A6858734DC...

Name: Laszlo MONOSTORI

Title: Director General HUN-REN Research Institute for Computer Science and Control

POLSKIE SIECI ELEKTROENERGETYCZNE SPÓŁKA AKCYJNA (PSE SA)

On:

Signature:

Grzegorz

Onichimowski

Elektronicznie podpisany
przez Grzegorz
Onichimowski
Data: 2026.06.29 12:28:01
+02'00'

Name: Grzegorz Andrzej ONICHIMOWSKI

Title: President of the Management Board

On:

Signature:



Tomasz Sikorski
2026.07.06 14:10:08 +02'00'

Name: Tomasz SIKORSKI

**Title: Vice President of the Management Board
(responsible for system management and R&D
related / innovation activities)**



**INSTYTUT CHEMII BIOORGANICZNEJ POLSKIEJ AKADEMII NAUK – POZNAŃSKIE
CENTRUM SUPERKOMPUTEROWO-SIECIOWE (PCSS)**

On:6/8/2026

Signature:

Signed by:

3B1A4C8E1E8E4B8...

Name: Robert PEKAL

Title: Director



AS SADALES TIKLS

On: 03.06.2026

Signature:

P.O.  /Ingus Paegle/

Name: Vigants RADZINS

Title: Chief Development Officer



SLOVENSKÁ ELEKTRIZAČNÁ PRENOSOVÁ SÚSTAVA, A.S. (SEPS)

On:

Signature: 6/16/2026

Signed by:

4DEEAA74AE6E438...

Name: Martin MAGÁTH

Title: Chairman of the Board of Directors
and Chief Executive Officer

On:

Signature: 6/12/2026

Signed by:

B2FFF59DFD3142D...

Name: Milan OREŠANSKÝ

Title: Vice-Chairman of the Board of Directors



SUPERGRID INSTITUTE SAS

On: 6/10/2026

Signature:

DocuSigned by:

7FE17F339A5F4C7...

Name: Hubert DE LA GRANDIERE

Title: Chief Executive Officer



T&D EUROPE

On:

Signature:



Name: Diederik PEEREBOOM

Title: Secretary General



TENNET TSO GMBH

On: 6/11/2026

Signature:

Signiert von:

7AFFC561709F464...

Name: Johannes VON SCHKOPP

Title: Head Systems & Markets

On: 6/11/2026

Signature:

Signiert von:

AE79AAEC2C23421...

Name: Wilhelm WINTER

Title: Lead Systems & Markets

Appendix 1: Project description

Project title	AI.grids
Summary	Development of a pan-European AI Foundation Model for electrical energy grids, including definition of priority use cases, generation of large-scale synthetic datasets, establishment of interoperable data-sharing and governance mechanisms, and design, training, validation and benchmarking of physics-informed AI models to support grid forecasting, congestion management, hosting capacity assessment and infrastructure planning across TSOs and DSOs.
Research topic	Artificial Intelligence for Energy Systems; Foundation Models for Power Grids; Graph Neural Networks; Physics-informed Machine Learning; Synthetic Data Generation; Grid Forecasting and Planning; Data Governance and Federated Learning for Critical Infrastructure.
Project leader	Elissaios Sarmas
Project team members	RWTH Aachen University; Fraunhofer FIT; INESC-TEC; EPU NTUA (ICCS); additional participation from system operators, research institutions, AI factories, and technology providers as defined in the collaboration framework.
Project timeline	12 months for development of the first Minimum Viable Foundation Model. Additional 24 months provisioned based on a Go-No Go Decision at the end of each year.
Forecast budget (€)	500 k€ and extendable
Forecast FTE	2 FTE research (+ 0.5 PMO)
Additional funding (direct funding, public funding)	None for AI.grids per se (yet some Tasks can be the definition of proposals to Horizon Europe calls)
Open-source project	☒ Yes ☐ No
License used	CC-BY-SA for synthetic datasets and documentation; open-source licensing (Apache v2 or MPL v2) via Linux Foundation Europe for software components; restricted licensing for sensitive operational data where required by governance rules.

1. Context and reasons behind this project (why)

European power systems are undergoing rapid structural transformation driven by high penetration of variable RES, increasing cross-border exchanges, and tighter operational margins. This evolution significantly increases the dimensionality, uncertainty, and non-linearity of grid operation and planning problems, stressing existing analytical and simulation-based tools.

Current state-of-practice relies on domain-specific physics-based models (e.g., power flow, state estimation, optimal power flow, contingency analysis) that are accurate but computationally expensive, fragmented across operators, and difficult to scale consistently across heterogeneous grid topologies and data environments. At the same time, data-driven approaches remain limited by sparse access to operational data, lack of harmonisation, and insufficient generalisation across countries.

Recent advances in foundation models (FMs), self-supervised learning, graph neural networks, and physics-informed architectures open the opportunity to develop a **shared, reusable, pan-European AI model** capable of learning general grid representations from large-scale synthetic and real data, and subsequently being fine-tuned for multiple operational and planning tasks. However, no coordinated European framework currently exists to: (i) align use cases and validation metrics/benchmarks across TSOs and DSOs; (ii) establish scalable data generation, sharing and governance mechanisms compliant with regulatory constraints; and (iii) industrialise training pipelines leveraging European AI factories and high-performance computing infrastructure.

AI.grids directly addresses this gap by operationalising the Plan4EUAI roadmap and the outcomes of the 8th of December 2025 European workshop. The project differentiates itself from existing initiatives (e.g., isolated openGridFM prototypes, digital twins, or operator-specific models) by targeting cross-border generalisation, shared governance, reproducible benchmarking and production-ready MLOps pipelines. The Project is a collaborative research and development initiative aimed at pre-competitive innovation and shared infrastructure development.

2. Project objectives (what)

The Project pursues the following measurable objectives:

Obj 1: Define, prioritise and formally document a set of 3–4 pan-European “quick-win” grid use cases (WG1): WG1 shall identify high-impact and technically feasible applications (e.g., grid forecasting, congestion and voltage management, hosting capacity assessment, infrastructure planning) and translate them into documented operational requirements, including input data modalities, temporal and spatial resolution, expected performance targets and latency constraints. The Working Group shall produce a Strategic Use Case Package (SUP) including KPI definitions, baseline methods and a cross-country validation protocol enabling reproducible benchmarking across participating operators.

Obj 2: Design, generate and curate scalable datasets for foundation model training and benchmarking. (WG2): WG2 shall develop large-scale synthetic datasets aligned with the selected use cases, leveraging digital twins, public grid models and external data sources such as weather datasets. The Working Group shall define and document the Minimum Viable Dataset (MVD) specification, including data formats, metadata schemas, quality criteria and benchmarking datasets. The MVD shall enable progressive integration of operational data where regulatory conditions permit and shall support standardised evaluation of model performance.

Obj 3: Design and document interoperable data and model sharing mechanisms and governance frameworks (WG2): WG2 shall specify governance rules, access control policies, licensing approaches and compliance mechanisms aligned with regulatory, cybersecurity and sovereignty constraints. Activities include prototyping extensions of existing energy data connectors to support secure exchange of datasets and pretrained model artefacts, defining federated learning or compute-to-data workflows, and producing documentation enabling trustworthy collaboration while preserving data sovereignty.

Obj 4: Specify, implement and train a first-generation Pan-European Foundation Model for grids (WG3): WG3 shall evaluate candidate model families and pretraining tasks, define physics-informed architectural components and implement a distributed training pipeline leveraging European AI factory HPC/GPU infrastructures. The Working Group shall deliver a reproducible and versioned Minimum Viable Foundation Model (MVM), together with documented training workflows, model configuration and experiment tracking to enable downstream fine-tuning by participating partners.

Obj 5: Execute benchmarking and validation activities to assess model performance and readiness for operational pilots (WG3): WG3 shall compare the Foundation Model against agreed baseline algorithms using WG1-defined KPIs and validation protocols. The Working Group shall produce documented evaluation results quantifying performance, robustness, scalability and computational efficiency across representative grid scenarios, and shall identify improvement priorities for subsequent training cycles, including integration of operational data where feasible.

3. Expected outcomes, potential benefits and applications

The AI.grids Project is expected to deliver a set of shared technical assets and governance frameworks supporting the development of a pan-European AI Foundation Model for energy grids. Key outcomes include:

- A Strategic Use Case Package defining priority applications and validation protocols;
- A Minimum Viable Dataset (MVD) specification and benchmarking datasets;
- Interoperable data and model sharing mechanisms and governance rules;
- A versioned Minimum Viable Foundation Model (MVM) and associated training pipelines;
- Benchmarking and validation reports assessing model performance and scalability.

The expected outcomes are achieved through a phased development process, leading to reusable technical artefacts and reproducible validation workflows: First, **use-case driven design** formalises operational requirements per selected use case, including input modalities, temporal resolution, spatial granularity, target accuracy and latency constraints. KPIs, baseline methods and validation workflows are defined upfront to enable reproducible benchmarking across operators from different countries and voltage levels. Second, **data generation and preparation** focuses on large-scale synthetic data generation using physics-based simulators and digital twins, covering steady-state operation and selected dynamic scenarios representative of stressed and rare conditions. Exogenous data sources, such as weather and renewable production forecasts, are integrated to capture multi-modal dependencies. The datasets are structured according to Minimum Viable Dataset (MVD) schemas that enable progressive onboarding of real operational data when regulatory conditions permit. Also, create benchmarking datasets, with metrics and standardized datasets to test solutions and evaluate them on the same baseline, post-training.

Third, the **foundation model architecture** is designed through the evaluation and selection of complementary model families, including graph-based neural architectures for topology-aware representation learning, masked autoencoders for self-supervised grid state embedding, temporal and hybrid transformer models for spatio-temporal dynamics, and physics-informed constraints and loss functions to preserve physical consistency. Where relevant, multi-modal encoders are incorporated, enabling joint representation learning across heterogeneous data domains. Fourth, **the training and MLOps pipeline** will rely on distributed training on AI factory HPC and GPU infrastructures, supported by automated experiment tracking, model versioning and governance mechanisms. Continuous integration pipelines will be created to manage dataset evolution, retraining workflows and controlled model releases for robustness purpose.

Fifth, via **validation and benchmarking** we will compare the foundation model's performance against established baseline algorithms. The validation phase will identify model limitations and will be used to prioritise improvements feeding into subsequent training cycles, including the integration of real data where feasible. Finally, the **data and model sharing infrastructure** will extend existing open-source energy connectors to support federated learning patterns and secure exchange of model artefacts. This layer will include access control, auditability, licensing enforcement and compliance mechanisms to enable trustworthy collaboration while preserving data sovereignty.

Ultimately, the abovementioned results are expected to support a series of use cases (indicatively: cross-border grid analysis, scalable forecasting and planning workflows), and collaborative AI development aligned with European data governance principles. The Project delivers pre-competitive research outputs and shared technical assets intended for use by system operators, research institutions, technology providers and European initiatives.

4. Technical approach (how)

The technical approach is described by the following phases: First, **use-case driven design** formalises operational requirements per selected use case, including input modalities, temporal resolution, spatial granularity, target accuracy and latency constraints. KPIs, baseline methods and validation workflows are defined upfront to enable reproducible benchmarking across operators from different countries and voltage levels. Second, **data generation and preparation** focuses on large-scale synthetic data generation using physics-based simulators and digital twins, covering steady-state operation and selected dynamic scenarios representative of stressed and rare conditions. Exogenous data sources, such as weather and renewable production forecasts, are integrated to capture multi-modal dependencies. The datasets are structured according to Minimum Viable Dataset (MVD) schemas that enable progressive onboarding of real operational data when regulatory conditions permit. Also, create benchmarking datasets, with metrics and standardized datasets to test solutions and evaluate them on the same baseline, post-training.

Third, the **foundation model architecture** is designed through the evaluation and selection of complementary model families, including graph-based neural architectures for topology-aware representation learning, masked autoencoders for self-supervised grid state embedding, temporal and hybrid transformer models for spatio-temporal dynamics, and physics-informed constraints and loss functions to preserve physical consistency. Where relevant, multi-modal encoders are incorporated, enabling joint representation learning across heterogeneous data domains. Fourth, **the training and MLOps pipeline** will rely on distributed training on AI factory HPC and GPU infrastructures, supported by automated experiment tracking, model versioning and governance mechanisms. Continuous integration pipelines will be created to manage dataset evolution, retraining workflows and controlled model releases for robustness purpose.

Fifth, via **validation and benchmarking** we will compare the foundation model's performance against established baseline algorithms. The validation phase will identify model limitations and will be used to prioritise improvements feeding into subsequent training cycles, including the integration of real data where feasible. Finally, the **data and model sharing infrastructure** will extend existing open-source energy connectors to support federated learning patterns and secure exchange of model artefacts. This layer will include access control, auditability, licensing enforcement and compliance mechanisms to enable trustworthy collaboration while preserving data sovereignty.

Working groups:

The workplan is structured around three coordinated Working Groups (WG1–WG3) with partially overlapping timelines to accelerate convergence between requirements, data readiness and model development.

WG1 – Strategic Use Cases, Benchmarking and Validation Strategy (Months 0–6): WG1 defines the functional scope and success criteria of the foundation model. During the first four months, activities include the prioritisation of a small set of high-impact and technically feasible “quick-win” use cases, formalisation of operational requirements, and definition of KPIs, baselines and cross-country validation protocols. Deliverables are the Strategic Use Case Package and the KPI and validation framework by the end of Month 4.

WG2 – Data, Governance and Interoperability (Months 0–8): WG2 establishes the technical and organisational foundations for scalable data and model sharing, starting once initial use-case requirements stabilise. Activities include definition of the Minimum Viable Dataset (MVD) per use case, mapping of data availability and sharing patterns (direct sharing, synthetic data, federated learning, compute-to-data), alignment of metadata and interoperability standards, and specification of security, access control, licensing and regulatory compliance mechanisms. WG2 supports the extension of data connectors for AI training and model exchange. Deliverables include the MVD specification and the data sharing and governance architecture by Month 8.

WG3 – Model Development, Training Pipeline and MLOps Framework (Months 3–12): WG3 designs the foundation model architecture and training ecosystem. Activities include evaluation and selection of candidate model families, definition of pretraining tasks and scaling strategies, integration with AI factory HPC/GPU infrastructure and implementation of MLOps pipelines for reproducibility, versioning and controlled release. Large-scale pretraining on synthetic datasets is executed during Months 8–12, followed by benchmarking and model refinement. Deliverables include the candidate architectures, training and integration plan, MLOps framework and the first minimum viable foundation model by approximately Month 12-14.

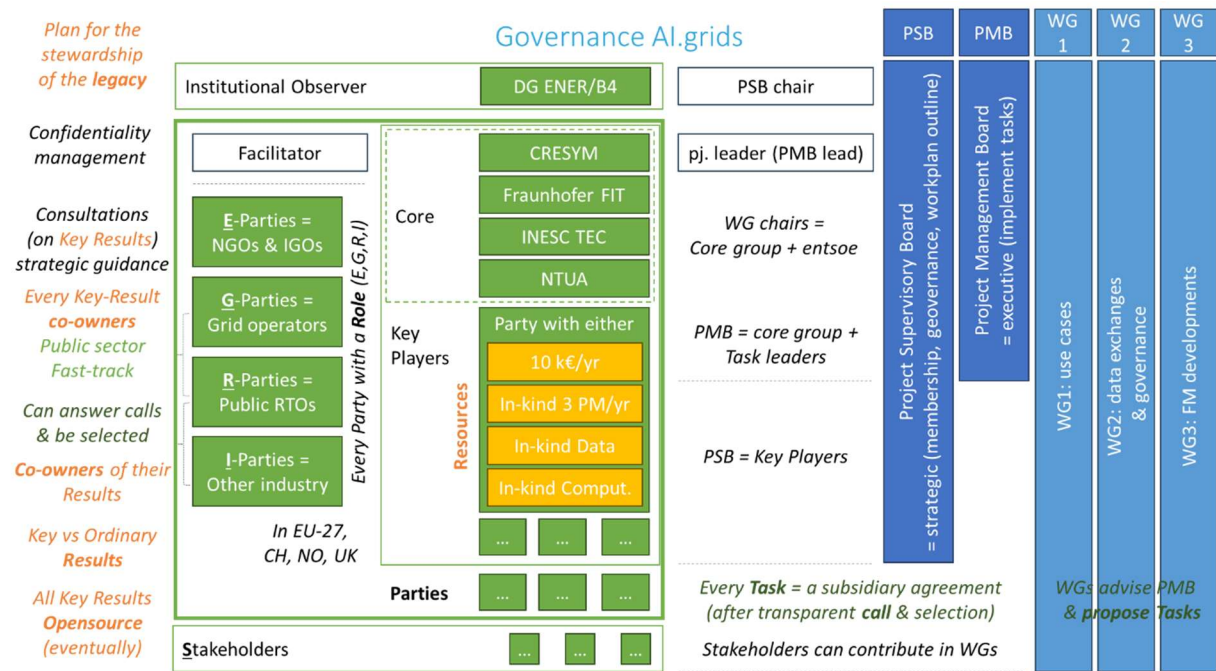
Collaboration plan:

- **System operators (TSOs/DSOs):** use case definition, validation scenarios, data contributions.
- **Research institutions & universities:** model design, synthetic data generation, benchmarking.
- **AI factories / HPC providers:** large-scale training infrastructure and optimisation.
- **Technology providers:** data integration, scalability, deployment support.
- **CRESYM / open-source communities:** coordination, governance, administrative support.
- **EU institutions / JRC:** oversight, long-term model stewardship.

Governance:

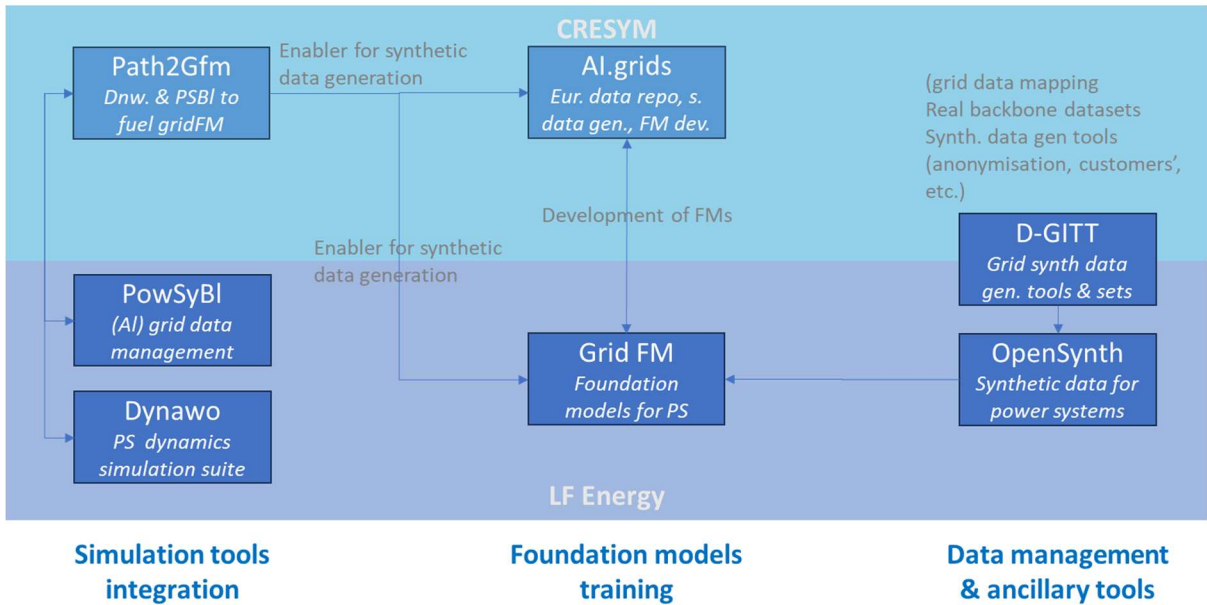
The logic of the project governance is illustrated on the following picture, notwithstanding Article 1-21:

.../...



5. Relationship of this project to the Association’s research program

AI.grids fits in the following picture:



6. Plan for ensuring the longevity of the assets

By default, the Results generated within the Project, including datasets, models, software components, documentation and governance artefacts, shall be curated and maintained in accordance with the maintenance and dissemination mandate granted to CRESYM under Articles 11.8–11.10 of the Agreement.

Until the Expected End Date, CRESYM shall ensure the availability, accessibility and basic operational maintenance of the Results, including dissemination through appropriate open or controlled-access infrastructures defined by the Project governance.

In line with Article 11.12, the Parties shall develop, prior to the Expected End Date, a dedicated stewardship plan (“stewardship of the legacy”) defining the long-term hosting, governance and sustainability model of the Results portfolio. This plan may include integration into recognised European infrastructures, open-source foundations or other agreed stewardship frameworks, subject to approval by the Project Supervisory Board.

The Working Groups, in particular WG2, may formulate technical and governance recommendations regarding hosting solutions, licensing evolution or maintenance models; however, any decision regarding long-term stewardship shall be taken by the Project Supervisory Board in accordance with the governance provisions of this Agreement.

Maintenance activities do not imply transfer of ownership or modification of the joint intellectual property regime defined in [Article 11](#) unless explicitly decided by the Parties.

7. References

- Plan4EUAI roadmap and implementation notes.
- openGridFM and OneNet open-source projects.
- Perspective paper on Foundation models for the electric power grid:
[https://www.cell.com/joule/fulltext/S2542-4351\(24\)00470-7](https://www.cell.com/joule/fulltext/S2542-4351(24)00470-7) (or <https://arxiv.org/abs/2407.09434>)
- openGridFM workshop in Chicago (Feb 2025): <https://gridfm.org/argonne/>
- openGridFM workshop in Aachen (Sep 2025): <https://gridfm.org/aachen/>
- openGridFM data-kit: <https://arxiv.org/pdf/2512.14658>
- Synergies between Federated Foundation Models and Smart Power Grids:
<https://arxiv.org/pdf/2509.16496>
- Recent literature on graph neural networks, masked autoencoders, physics-informed ML for power systems.
- EU AI Act, Common European Energy Data Space framework.

.../...

Appendix 2: Project general parameters

The Project name is displayed as title of the Agreement and recalled hereafter:

- AI.grids

23. Foreseen beginning & end dates

23.1. **Effective Start Date.** The Effective Start Date is the following: 01/04/2026

23.2. **Expected End Date.** The Expected End Date is the following: 31/03/2028

23.3. **Ultimate Date.** The Ultimate Date is five (5) years after the Effective Start Date.

24. Resources

24.1. **Total budget.** The Project total initially estimated budget is:

- 2 530 513 Euros (excluding the contribution to CRESYM common budget – see Article 12.6);
- 2 583 454 Euros (including the contribution to CRESYM common budget – see Article 12.6);

24.2. **Budget breakdown.** The Project budget is split between the funded Parties as follows:

Funded party	Staff	FTE (/yr)	Years	Costs per fte & year for salary	Other costs per fte & year (e.g. travel)	Total (€)	Comment
CRESYM	PMO	0.4	1	96 000 €	0 €	96 000 €	(1)
ICCS	Researcher	1.67	1	76 200 €	0 €	60 000 €	(1) (2)
INESCTEC	Researcher	1.67	1	90 000 €	0 €	50 800 €	(1) (2)
Fraunhofer	Researcher	1.67	1	166 128 €	0 €	110 752 €	(1) (2)
FBK	Researcher	0.50	1	72 000 €	0 €	0 €	(1) (3)
FZJ-ICE	Researcher	1.00	1	150 000 €	0 €	0 €	(1) (3)
Mines Paris-PSL	Researcher	0.58	1	74 372 €	0 €	0 €	(1) (3)
RD Nester	Researcher	0.25	1	80 400 €	0 €	0 €	(1) (3)
RWTH	Researcher	1.00	1	150 000 €	0 €	0 €	(1) (3)
TUCN	Researcher	1.00	1	78 000 €	0 €	0 €	(1) (3)
TU Delft	Researcher	0.25	1	159 492 €	0 €	0 €	(1) (3)
TNO	Researcher	0.125	1	110 988 €	0 €	0 €	(1) (3)
AIT	Researcher	0.5	1	144 000 €	0 €	0 €	(1) (3) (4)
Areti	Researcher	0.42	1	76 800 €	0 €	0 €	(1) (3)
BME	Researcher	0.35	1	85 700 €	0 €	0 €	(1) (3)
CIRCE	Researcher	0	1	78 000 €	0 €	0 €	(1) (3)
CUT	Researcher	0.15	1	79 800 €	0 €	0 €	(1) (3)
DTU	Researcher	1.00	1	106 800 €	0 €	0 €	(1) (3)
EPRI Europe	Researcher	0	1	TBC	0 €	0 €	(1) (3)
PCSS	Researcher	0.33	1	74 400 €	0 €	0 €	(1) (3)
SZTAKI	Researcher	0.35	1	96 000 €	0 €	0 €	(1) (3)
SuperGrid Institute	Researcher	0	1	TBC	0 €	0 €	(1) (3)
<i>To be completed/detailed in the course of the Project</i>							

Comments to the table (especially if special supplies are hired or purchased):

- Total cost = (FTE/yr) * (nr years) * (wage + other costs/FTE)
- (1) for the sake of readability, and because the project may evolve after one (1) year, only one (1) year of budget is described in the table above.
- (2) ICCS, INESC TEC, Fraunhofer provide each 1 FTE in kind. Hence the total cost is only 8 person.month each.
- (3) Listed are the other contributors for their in-kind contribution, regardless of possible additional involvement in the project.
- (4) the above table lists organisations anticipating and assuming their signature of the present Agreement. If the organisation's signature is pending or should the organisation exit the contract, then the related information must be disregarded.

Funded Party	Non staff-related cost items (for project purpose specific supplies, etc.)	Cost amount (€)	Comment
CRESYM	Legal counsel to develop Results R2B.2 to R2B.7	20000 €	
CRESYM	Logistics (room booking)	20000 €	
<i>To be completed/detailed in the course of the Project</i>			

Comments to the table (especially if special supplies are hired or purchased):

- None

24.3. **Budget breakdown.** The Project budget, regardless of the contributions to CRESYM common budget, is split between the funding Parties (sponsors) as follows:

Funding Party (sponsor)	Funded amount (€)	Comment
CRESYM	300 000 €	
Every grid operator, member of CRESYM	10 000 €/year	(1)
Every other grid operator (non-member of CRESYM)	10 000 €/year	(2) (3)
AIT	0.5 FTE/year in kind	equivalent to ~ 72 000 €/year
Areti	0.42 FTE/year (5 PM) in kind	equivalent to ~ 32 000 €/year
BME	0.35 FTE/year in kind	equivalent to ~ 30 000 €/year
CIRCE	0	0
CUT	0.15 FTE/year in kind	Equivalent to ~ 13 000 €/year
DTU	1 FTE/year in kind	Equivalent to ~ 106 800 €/year
EPRI Europe	0	0
Fraunhofer	1 FTE/year in kind	equivalent to ~ 166 128 €/year
FBK	0.5 FTE/year in kind	equivalent to ~ 36 000 €/year

FZJ-ICE	1 FTE/year in kind	equivalent to ~ 150 000 €/year
ICCS (EPU-NTUA)	1 FTE/year in kind	equivalent to ~ 76 200 €/year
INESC TEC	1 FTE/year in kind	equivalent to ~ 90 000 €/year
Mines Paris-PSL	0.58 FTE/year in kind	equivalent to ~ 43 838 €/year
PCSS	0.33 FTE/year in kind	equivalent to ~ 24 800 €/year
RD Nester	0.25 FTE/year in kind	equivalent to ~ 20 100 €/year
RWTH Aachen	1 FTE/year in kind	equivalent to ~ 150 000 €/year
SZTAKI	0.35 FTE/year in kind	equivalent to ~ 33600 €/year
TNO	200 hours in kind	equivalent to ~ 13 874 €/year
TUCN	1 FTE/year in kind	equivalent to ~ 78 000 €/year
TU Delft	0.25 FTE/year in kind	equivalent to ~ 39 873 €/year
<i>To be completed/detailed in the course of the Project</i>		

Comments to the table:

- (1) The contribution of every CRESYM Member to CRESYM common budget comes on top of their respective contribution to the project above figure and is equal to 15/85th of it.
- (2) No contribution to CRESYM common budget in application of Article 12.6.
- (3) except Areti, see Article 21.3.

24.4. **Research Institutions.** Among the Parties, the Research Institutions are the following:

- AIT, BME, CIRCE, CUT, DTU, EPRI Europe, FBK, Fraunhofer, FZJ-ICE, ICCS (EPU-NTUA), INESC TEC, Mines-Paris PSL, PCSS, RWTH Aachen, SZTAKI, SuperGrid Institute, TNO, TUCN, TU Delft.

NB: other R-Parties are here disregarded as their contribution, as the case may be, is managed through dedicated Task agreements.

24.5. **Common Project.** The Project has been approved as a “Common Project” of CRESYM, by CRESYM Board on Dec/9th 2025⁴.

25. Workspace

25.1. **Open Workspace.** The Open Workspace is hosted on the following external platform(s), at the following web address(es):

Platform name	Link to Open Workspace
	<i>To be completed/detailed in the course of the Project</i>

⁴ For the sake of clarity, this merely entails that the Project can be funded by CRESYM’s common budget (i.e. the 300 000 € mentioned in [Article 24.3](#) and further in [Appendix 3](#)).

25.2. **Private Workspace.** The Private Workspace is hosted on the following tools, at the following web address(es):

Tool	Link to Private Workspace
MS Teams	General AI.grids Microsoft Teams
MS SharePoint	

26. Representatives' appointment

26.1. **Project Supervisory Board.** The Project Supervisory Board consists of the following individuals, all listed in Article 28, provided that their organisation signed the Project Agreement:

Party	Representative
50Hz (1)	John MAC ALLAN
AIT (1)	Mark STEFAN
Alliander	Luc NIES
Amprion	Gerald KAENDLER
Areti	Alessia FERRAUTO
BME	Istvan VOKONY
ČEPS	Radek HARTMAN
CRESYM	Sébastien LEPY
DTU	Spyros CHATZIVASILEIADIS
E.DSO	Charles ESSER
ELES	Uros SALOBIR
ESO	Andrius DVARANAUSKAS
FBK	Luigi CREMA
Fraunhofer	Antonello MONTI
FZJ-ICE	Andrea BENIGNI
HEDNO	Sotiris CHRISTOPOULOS
SZTAKI	Ferenc BERES
ICCS (EPU-NTUA)	Ioannis PSARRAS
INESC TEC	Ricardo BESSA
IPTO	Ioannis MORAITIS
MAVIR (1)	Gabor SZUCZ
Mines Paris-PSL	Georges KARINIOTAKIS
Natran (1)	Christophe OLRÉ
NNÖ	Aeneas-Augustin KUNYIK
PSE SA	Anna WRONKA

PCSS	Ariel OLEKSIK
RD Nester	Nuno SOUZA E SILVA
RTE	Gabriel BAREUX
RWTH Aachen	Antonello MONTI (ad interim)
Sadales Tikls (1)	Ingus PAEGLE
SEPS	Michal CABALA
swissgrid	Emanuele COLOMBO
TenneT DE	Wiktor GEGELMAN
TenneT NL	Paul POTTUIJT
TUCN	Tudor CIOARA
TU Delft	Jochen CREMER
<i>To be completed/detailed in the course of the Project</i>	

Invited to the Project Supervisory Board, in application of Article 8.23:

E.DSO	Charles ESSER
ENTSOE	Antony ZEGERS
T&D Europe	Diederik PEEREBOOM
<i>To be completed/detailed in the course of the Project</i>	

Comments to the tables:

- (1) the above table lists organisations anticipating and assuming their signature of the present Agreement. If the organisation's signature is pending or should the organisation exit the contract, then the related information must be disregarded.

The Project Supervisory Board is chaired by:

- Hadrien THEBAULT (DG ENER)

26.2. **Project Management Board.** The Project Management Board consists of the following individuals, all listed in Article 28:

Party	Representative
CRESYM	Elissaios SARMAS
CRESYM	Sascha ESCHMANN
ICCS (EPU-NTUA)	Elissaios SARMAS (ad interim)
INESC TEC	Ricardo BESSA
Fraunhofer	Antonello MONTI

The Project Management Board is chaired by the Project Leader.

26.3. **Project Leader.** The Project Leader is the following person:

- Elissaios SARMAS (CRESYM)

26.4. **Appeal.** For the application of Article 19.3, every Party appoints by default their Chief Executive Officer, unless a substitute is listed hereafter.

Party	Representative
NA	NA

26.5. **Project Advisory Panel.** The Project Advisory Panel consists of the following individuals, all listed in Article 28.1:

Party	Representative
N.A.	

The Project Advisory Panel's role and organisation are as follows:

- Instead of an Advisory Panel, and unless the Parties later decide about setting one up, Stakeholders are welcome in Working Groups and consultations of further stakeholders are expected from E-Parties (see Article 8.23)

26.6. **Project IT manager.** The Project IT Manager is the following person:

- Sascha ESCHMANN (CRESYM)

27. Specific governing rules

27.1. **Rights.** Complementary to Article 6.5 of the “General Terms & Conditions”, the Project Management Board can decide on the following matters:

- (See Articles 6.4B, 8.30)

27.2. **Rights.** Complementary to Article 7.3 of the “General Terms & Conditions”, the Project Leader can decide on the following matters:

- None

.../...

28. Representatives' list & contact details

28.1. **Project Team.** The list of Parties' Representatives with their contact details is as follows.

This list shall be compiled and updated, for practical purposes. Useless data regarding a Person can be omitted.

Party (1)	Last name	First name	Email	Phone number	Alias on Private Workspace	Comments (1)
CRESYM	LEPY	Sébastien	sebastien.lepy@cresym.eu	+33 666 543 654		
CRESYM	SARMAS	Elissaios	elissaios.sarmas@cresym.eu			
CRESYM	ESCHMANN	Sascha	sascha.eschmann@cresym.eu			
ICCS	PSARRAS	Ioannis	ipsarras@epu.ntua.gr			
ICSS	MARINAKIS	Vaggelis	vmarinakis@epu.ntua.gr			
INESC TEC	BESSA	Ricardo	ricardo.j.bessa@inesctec.pt			
Fraunhofer	MONTI	Antonello	antonello.monti@fit.fraunhofer.de			
50Hz	TBC	TBC	TBC			(1)
AIT	STEFAN	Mark	mark.stefan@ait.ac.at			(1)
AIT	STRASSER	Thomas	thomas.strasser@ait.ac.at			(1)
Alliander	NIES	Luc	luc.nies@alliander.com			
Alliander	LUCASSEN	Bob	bob.lucassen@alliander.com			
Amprion	KAENDLER	Gerald	gerald.kaendler@amprion.net			
Amprion	TBC	TBC	TBC			
APG	PLANK	Pascal	Pascal.Plank@apg.at			
APG	STRASSER	Andreas	andreas.Strasser@apg.at			
Areti	DE LUCA	ERCOLE	ercole.deluca@areti.it			
Areti	FERRAUTO	Alessia	alessia.ferrauto@areti.it			
Areti	SPINA	STEFANO	stefano.spina@areti.it			
Artelys	OMONT	Nicolas	nicolas.omont@artelys.com	+33 6 11 12 49 49		
Artelys	LAIR	Nicolas	nicolas.lair@artelys.com			
BME	VOKONY	Istvan	vokony.istvan@vik.bme.hu			
ČEPS	BARTOS	Jan	bartos@ceps.cz			
ČEPS	SUMPELA	Vit	sumpela@ceps.cz			
ČEPS	VORÁČ	Přemysl	vorac@ceps.cz			
CIRCE	BORROY VICENTE	Samuel	sborroy@fcirce.es			

CUT	ARISTIDOU	Petros	petros.aristidou@cut.ac.cy			
DTU	MADSEN	Henrik	hmad.dtu@gmail.com			
DTU	CHATZIVASILEIAI DIS	Spyros	spchatz@dtu.dk			
CyberGrid	NEMCEK	Peter	peter.nemcek@cyber-grid.com	+386 51 342 002		
CyberGrid	CANDELLARI	Nikolaj	nikolaj.candellari@cyber-grid.com	+43 67681035495		
E.DSO	ESSER	Charles	charles.esser@edsoforsmartgrids.eu			
E.DSO	HENRIQUES	Ricardo	ricardo.henriques@edsoforsmartgrids.eu			
E.DSO	BELLINAZZI	Federico	federico.bellinazzi@edsoforsmartgrids.eu			
ELES	SALOBIR	Uroš	uros.salobir@eles.si	+386 41 732 579		
ELES	RUST	Primož	primoz.rust@eles.si			
Energinet	POULSEN	Anne	apx@energinet.dk			(1)
Online	GALAMBA	João	joao.galamba@online.energy			
Online	LEMO	Manuel	manuel.Lemos@online.energy			
Online	COSTA	Gilda	gilda.costa@online.energy			
ENTSOE	ZEGERS	Antony	antony.zegers@entsoe.eu			
ENTSOE	THEOLOGITIS	Ioannis	ioannis.theologitis@entsoe.eu			
ENTSOE	GANDHI	Siddhesh	siddhesh.gandhi@entsoe.eu			
EPRI Europe	LIPARI	Gianluca	glipari@epri.com			
EPRI Europe	KELLY	Adrian	akelly@epri.com			
ESO	DVARANAUSKAS	Andrius	Andrius.Dvaranauskas@eso.lt			
ETAIA	REBIERE	Nicolas	nicolas.rebierre@irt-systemx.fr			(1)
FBK	SIMONI	Andrea	segreteria.generale@fbk.eu			
FBK	KORKANI	Saman	skorkani@fbk.eu			
FBK	CREMA	Luigi	crema@fbk.eu	+390461314922		
FZJ-ICE	BENIGNI	Andrea	a.benigni@fz-juelich.de			
FZJ-ICE	CARTA	Daniele	d.carta@fz-juelich.de			
Fraunhofer FIT	MONTI	Antonello	antonello.monti@fit.fraunhofer.de			
Fraunhofer FIT	WIRTZ	Nikolaus	nikolaus.wirtz@fit.fraunhofer.de			
Fraunhofer IEE	STRAUSS-MINCU	Diana	diana.strauss-mincu@iee.fraunhofer.de			
HEDNO	MANITARIS	Ilias	i.manitaris@deddie.gr			
HEDNO	CHRISTOPOULOS	Sotiris	s.christopoulos@deddie.gr			
IPTO	KANAKARIS	Nikolaos	n.kanakaris@admie.gr			
IPTO	MORAITIS	Ioannis	imoraitis@admie.gr			

IPTO	PATERAKIS	Fotis-Konstantinos	f.paterakis@admie.gr			
IRT-SystemX	LEYLI ABADI	Milad	milad.leyli-abadi@irt-systemx.fr			
MAVIR	SZÜCS	Gábor	szucs1@mavir.hu			(1)
Mines Paris-PSL	KARINIOTAKIS	Georges	georges.kariniotakis@minesparis.psl.eu			
NaTran	OLRY	Christophe	christophe.olry@grtgaz.com	+33 6 4561 1289		(1)
NNÖ	KUNYIK	Aenas	aeneas.kunyik@netz-noe.at			
NNÖ	MAIER	Christoph	christoph.maier@netz-noe.at			
PSE SA	WRONKA	Anna	anna.wronka@pse.pl			
PCSS	OLEKSIK	Ariel	ariel@man.poznan.pl			
PCSS	SIDORSKI	Franciszek	fsidorski@man.poznan.pl			
RD Nester	PINHO DA SILVA	Nuno	nuno.pinhosilva@rdnester.com			
RD Nester	SOUZA E SILVA	Nuno	nuno.souzaesilva@rdnester.com			
RSE	MARTINI	Luciano	luciano.martini@rse-web.it			
RSE	PASQUALOTTO	Omar	omar.pasqualotto@rse-web.it			
RSE	CABIATI	Mattia	mattia.cabiati@rse-web.it			
RSE	BIONDA	Enea	enea.bionda@rse-web.it			
RTE	BAREUX	Gabriel	gabriel.bareux@rte-france.com			
RTE	LALLOUET	Arnaud	arnaud.lallouet_extern@rte-france.com			
RWTH Aachen	MONTI	Antonello	amonti@eonerc.rwth-aachen.de			
RWTH Aachen	ARYANDOUST	Arsam	arsam.aryandoust@eonerc.rwth-aachen.de			
ST	LUSIS	Pēteris	peteris.lusis@sadalestikls.lv			(1)
ST	PAEGLE	Ingus	ingus.paegle@sadalestikls.lv			(1)
SEPS	GRANAK	Peter	peter.granak@sepsas.sk			(1)
SuperGrid Institute	HUET	Landry	landry.huet@supergrid-institute.com			
SuperGrid Institute	RANCHERE	Anne-Soizic	anne-soizic.ranchere@supergrid-institute.com			
SuperGrid Institute	HEYBERGER	Jean-Baptiste	jean-baptiste.heyberger@supergrid-institute.com			
SZTAKI	BERES	Ferenc	beres@sztaki.hu			
SZTAKI	BENCZUR	Andras	benczur@sztaki.hu			
Swissgrid	COLOMBO	Emanuele	emanuele.colombo@swissgrid.ch			
T&D Europe	LUTTENBERGER MARIC	Leila	leila.luttenberger@koncar.hr			
T&D Europe	METZGER	Michael	michael.metzger@siemens.com			

TenneT DE	GEGELMAN	Wiktor	wiktor.gegelman@tennet.eu			
TenneT NL	MOUSAVI GARGARI	Shima	shima.mousavigargari@tennet.eu			
TenneT NL	BAKHUIS	Dennis	dennis.bakhuis@tennet.eu			
TenneT NL	VAN KASTEREN	Bram	bram.van.kasteren@tennet.eu			
TenneT NL	NAGLIC	Matija	matija.naglic@tennet.eu			
TNO	VAN DER VEEN	Aliene	aliene.vanderveen@tno.nl			
TUCN	CIOARA	Tudor	Tudor.CIOARA@cs.utcluj.ro			
TUCN	ANGHEL	Ionut	ionut.anghel@cs.utcluj.ro			
TUCN	TODEREAN	Liana	liana.todorean@cs.utcluj.ro			
TUCN	ANTONESI	Gabriel	gabriel.antonesi@cs.utcluj.ro			
TU Delft	CREMER	Jochen	j.l.cremer@tudelft.nl			
TU Delft	VERGARA BARRIOS	Pedro	P.P.VergaraBarrios@tudelft.nl			
Ubitech Energy	BOURAS	Thanassis	bouras@ubitech.eu			
Ubitech Energy	FOTI	Magdalena	mfoti@ubitech.eu			
Ubitech Energy	MYLONAS	Konstantinos	kmylonas@ubitech.eu			
<i>To be completed/detailed in the course of the Project</i>						

Comments to the table:

- (1) the above table lists organisations and individual anticipating and assuming the organisation's signature of the present Agreement. If an organisation's signature is pending or should the organisation exit the contract, then the related Representatives' details must be disregarded.
- (2) a priori expected to sign the Agreement by end May ("second round" – see Article 8.28)

28.2. **Invoicing contacts.** The list of Party Representatives in charge of invoicing matters, with their contact details, is as follows.

This list shall be compiled and updated, for practical purposes. Useless data regarding a Person can be omitted.

Party	Last name	First name	Email	Phone number	Comments (1)
50Hz	TBC	TBC	TBC		(1)
AIT	TBC	TBC	TBC		(1)

Alliander	Van Den Bogaard	Jonas	jonas.van.den.bogaard@alliander.com		
APG	-	-	faktura@apg.at		
Areti	N.A	N.A	N.A		
Amprion GmbH	Breer	Nadine	Nadine.breer@amprion.net	+49 173 890 8744	
Artelys	Michaud	Caroline	accounting@artelys.com	+33 1 4449 8900	
BME	VOKONY	Istvan	vokony.istvan@vik.bme.hu		
ČEPS	-	-	Faktury@ceps.cz		
CIRCE	Serón	Raquel	clientes@fcirce.es		
CRESYM	Lepy	Sébastien	sebastien.lepy@cresym.eu	+33-666-543-654	
CUT	Aristidou	Petros	petros.aristidou@cut.ac.cy		
CyberGrid	N.A.	N.A.	N.A.		
DTU	Roy	John	joroy@dtu.dk		
E.DSO	Testini	Paola	paola.testini@edsoforsmartgrids.eu		
ELES	Pintar	Urska	urska.pintar@eles.si		
Enline	Sola	David	david.sola@enline.energy		
ENTSOE	N.A.	N.A.	N.A.		
EPRI Europe	Farell	Mary	MFarrell@epri.com		
ESO	Dvaranauskas	Andrius	Andrius.Dvaranauskas@eso.lt		
ETAIA	N.A.	N.A.	N.A.		(1)
FBK					
FZJ-ICE	Benigni	Andrea	a.benigni@fz-juelich.de		
Fraunhofer	Mayer	Sabine	sabine.mayer@zv.fraunhofer.de		
HEDNO	Tsirogianni	Maria	ma.tsirogianni@deddie.gr		
INESC TEC	Teixeira	Fatima	compras@inesctec.pt		
ICCS (EPU – NTUA)	Marina John	Eleftheriadou Psarras	marina@epu.ntua.gr john@epu.ntua.gr		
IPTO	Kotsikogianni	Amalia	a.kotsikogianni@admie.gr	+30 2105192558	
IRT-SystemX					
MAVIR	TBC	TBC	TBC		(1)
Mines Paris-PSL	Pierini	Sophie	Sophie.pierini@minesparis.psl.eu	+33 493957448	
NaTran	Mascles	Camille	camille.mascles@grtgaz.com		(1)
NNÖ	Christian	Schirmer	christian.schirmer@netz-noe.at		
PSE SA	TBC	TBC	TBC		
PCSS	Oleksiak	Ariel	ariel@man.poznan.pl		
RD Nester	Pinho Da Silva	Nuno	nuno.pinhosilva@rdnester.com		

RSE	Pallastrelli	Laura	laura.pallastrelli@rse-web.it		
RTE	Xavier	Florent	Florent.xavier@rte-france.com		
RWTH Aachen	Schaefer	Bettina	Invoice.rwth@rwth-aachen.de	+49 241 80 49714	
ST	Peteris	Lusis	peteris.lusis@sadalestikls.lv		(1)
SEPS	-	-	efactory@seps.sk		(1)
SuperGrid Institute	-	-	compta@supergrid-institute.com		
SZTAKI	Dudas	Cecilia	dudas.cecilia@sztaki.hu		
Swissgrid	Colombo	Emanuele	Emanuele.Colombo@swissgrid.ch	+41 (0) 793 409 615	
T&D Europe	N.A.	N.A.	N.A.		
TenneT DE	-	-	rechnungen@tennet.eu		
TenneT NL	Mousavi Gargari	Shima	invoice@tennet.eu , Shima.MousaviGargari@tennet.eu		
TNO	N.A.	N.A.	N.A.		
TUCN	Muresan	Simona	Ioana.Muresan@staff.utcluj.ro		
TU Delft	Jagger	Carla	C.P.Jager@tudelft.nl	+31 15 27 81778	Secretary ESE department
Ubitech Energy	Bouras	Thanassis	bouras@ubitech.eu		
<i>To be completed/detailed in the course of the Project</i>					

Comments to the table:

- (1) the above table lists organisations and individual anticipating and assuming the organisation's signature of the present Agreement. If an organisation's signature is pending or should the organisation exit the contract, then the related Representatives' details must be disregarded.

29. Invoicing details

29.1. **Invoicing details.** Invoices shall consider the following parameters for every Party:

Organisation	Invoicing address	VAT number	IBAN	BIC or SWIFT code
50Hz (1)	TBC	TBC	N.A.	N.A.
AIT (1)	TBC	TBC	TBC	TBC
Alliander	Postbus 50 NL-6920AB Duiven	NL807585932B01	N.A.	N.A.
Amprion GmbH	Robert-Schuman-Str. 7,	DE 813761356	N.A.	N.A.

	DE-44263 Dortmund Germany			
APG	Wagramerstraße 19 (IZD Tower), 1220 Vienna Austria	ATU46061602	N.A.	N.A.
Areti	Piazzale Ostiense 2, 00154 Rome, Italy	05816611007	N.A.	N.A.
Artelys	81 rue Saint-Lazare 75009 Paris France	FR82428895676	FR76 1820 6003 8700 8563 2100 101	AGRIFRPP882
BME	N.A.	N.A.	N.A.	N.A.
ČEPS	Elektrárenská 774/2, Michle, 10100 Prague 10, Czech Rep.	CZ25702556	CZ16 2600 0000 0020 2910 0207	
CIRCE	Parque Empresarial Dinamiza, Av. Ranillas, N° 3D, 1ª planta, 50018, Zaragoza, Spain	ESG50556091	ES333025001367140001 5360	CDENESBBXXX
CRESYM	Square de Meeûs 38-40, 1000 Brussels Belgium	BE 0790603745	BE96 3632 2762 6405	BBRUBEBB
CUT	30 Archbishop Kyprianos Street 3036 Limassol, Cyprus	CY90002687H	CY5200 2003 3500 0000 0505 7916 00	N.BCYP CY2N
CyberGrid	N.A.	N.A.	N.A.	N.A.
DTU	Anker Engelunds Vej 101, 2800 Kongens Lyngby	DK30060946	DK97 3000 41800 1177 3	DABADKKK
E.DSO	Rue de la Loi, 82 1040 Brussels, Belgium	BE0825.054.581	BE76 7370 4211 2995	KREDBEBB
ELES	Hajdrihova 2, 1000 Ljubljana, Slovenia	SI 20874731	N.A.	N.A.
Enline	R. Combatentes da Grande Guerra 14 5370-468 Mirandela, Portugal	515112224	N.A.	N.A.
ENTSOE	N.A.	N.A.	N.A.	
EPRI Europe	NexusUCD, Belfield Office Park, Dublin 4, D04 V2N9, Ireland	IE 3606212VH		
ESO	Laisvės pr. 10, LT-04215 Vilnius, Lithuania	LT100009860612	N.A.	N.A.
ETAIA (1)	N.A.	N.A.	N.A.	

FBK	Via S. Croce 77, 38122, Trento, ITALY	02003000227	IT92K0200801820000040765411	UNCRITM10HV
FZJ-ICE	Wilhelm-Johnen-Straße, 52428 Jülich, Germany	N.A.	N.A.	N.A.
Fraunhofer	Hansastraße 27c, 80686 München, Germany	DE129515865	DE86 7007 0010 0752 1933 00	DEUTDEMM
HEDNO	Perraiou 20 & Kallirrois 5 GR-11743 Athens	EL094532827	N.A.	N.A.
INESC TEC	Campus da FEUP, Rua Dr. Roberto Frias, s/n 4200-465 Porto	PT504441361	PT50003300005012881769605	BCOMPTPL
ICCS (EPU-NTUA)	42 Patisson street GR-10682 Athens	EL090162593	(to be supplied with the invoice)	
IPTO	89 Dyrachiou Street & Kifissou (Greece)	EL 997895749	(to be supplied with the invoice)	ETHNGRAA
IRT-SystemX	2 boulevard Thomas Gobert, 91120 Palaiseau, France	FR22753408962	FR76 3000 4008 2800 0120 5628 376	BNPAFRPPXXX
MAVIR (1)	TBC	TBC	N.A.	N.A.
Mines Paris-PSL	Centre PERSEE, 60 bd St Michel, 75272 PARIS cedex 06, France	FR04 197 534 936	(to be supplied with the invoice)	(to be supplied with the invoice)
NaTran (1)	6 rue Raoul Nordling FR-92270 Bois Colombes	FR27440117620	N.A.	N.A.
NNÖ	EVN Platz, 2344 Maria Enzersdorf, Austria	U62011619	N.A.	N.A.
PSE SA	PSE S.A. Warszawska 165 ZC: 05-520 Konstancin-Jeziorna (Poland)	PL 5262748966	N.A.	N.A.
PCSS	ICHB PAN – PCSS Noskowskiego 12/14 61-704 Poznań (Poland)	PL7770002062	N.A.	N.A.
RD Nester	Rua Cidade de Goa, 4B – 2685-038 Sacavém (Portugal)	PT510640591	(to be supplied with the invoice)	(to be supplied with the invoice)
RSE	Via Raffaele Rubattino, 54 – 20134 Milano (Italy)	05058230961	(to be supplied with the invoice)	BCITITMM
RTE	RTE	FR 19444619258	N.A.	N.A.

	Immeuble Window, 7C Place du Dome, FR-92073 Paris La Défense			
RWTH Aachen	RWTH Aachen University Zentraler Rechnungseingang, Templergraben 55 DE-52062 Aachen	DE 121 689 807	DE 29 3905 0000 0000 0253 79	AACSDE 33XXX
ST (1)	Šmerļa iela 1, Rīga, LV-1160, Latvia	40003857687	LV38HABA0551016876751	HABAL22XXX
SEPS (1)	Slovenská elektrizačná prenosová sústava, a.s. Mlynské nivy 59/A 824 84 Bratislava 26 Slovak Republic	SK202026134	SK30 1100 0000 0026 2019 1900	TATRSKBX
SuperGrid Institute	23 rue Cyprian FR-69100 Villeurbanne	FR 27799482153	FR76 3000 3036 2000 0204 8703 795	SOGEFRPP
SZTAKI	Kende Street 13-17. H-1111 Budapest	HU19426244	HU26 1003 2017 0000 8120 0102 0013	HUSTHUHB
Swissgrid	Bleichemattstrasse 31, P.O. Box 5001, 5001 Aarau, Switzerland	CHE 112175457	N.A.	N.A.
T&D Europe	N.A.	N.A.	N.A.	N.A.
TenneT DE	Bernecker Straße 70, 95448, Bayreuth (Germany)	DE815073514	N.A.	N.A.
TenneT NL	TenneT TSO B.V. PO Box 428 6800 AK Arnhem, The Netherlands	NL 815310456B01	N.A.	N.A.
TNO				
TUCN	Memorandumului 28, RO-400114, Cluj-Napoca, Romania	RO 22736939	RO93RNCB0106026601550002	RNCBROBU
TU Delft	Stevinweg 1, 2628 CN Delft, The Netherlands	NL 001569569B01	NL11ABNA0542891514	ABNANL2A
Ubitech Energy	Ubitech Energy Sprl	BE0715655013	BE14363182180083	BBRUBEBB



	Koningin Astridlaan 59b, 1780 Wemmel, Belgium			
<i>To be completed/detailed in the course of the Project</i>				

Comments to the table:

(1) the above table lists organisations and individual anticipating and assuming the organisation's signature of the present Agreement. If an organisation's signature is pending or should the organisation exit the contract, then the related Representatives' details must be disregarded.

Appendix 3: Project initial Workplan

The Project name is displayed as title of the Agreement and recalled hereafter:

- AI.grids

This Appendix describes

- Every Result, i.e. with respect to its substance (what and how it is expected to be), and if useful for clarification purposes, the rationale motivating the delivery (why).
- Every Task, i.e. the process that the Parties intend to implement to deliver the corresponding Result.

30. Expected Results description

30.1. **Results.** The expected Results are depicted in the table below, as they are expected to be (and as they are, when delivered):

NB: Result identification numbers are freely defined by the Parties to ease any further references.

Intermediary deliverables shall also be depicted as Results.

Results have been grouped per Working Group as follows:

- **R1.x:** WG1 (Use Cases)
- **R2A.x:** WG2A (Data Sharing / Technical)
- **R2B.x:** WG2B (Governance / Legal)
- **R3.x:** WG3 (Model & Trustworthiness)
- **R0.x:** Project-wide

Result nr	Name	Substance (Tangible description)	Comment
R1.1	Use Case Survey Framework	Design and execution of a structured survey and consultation process collecting candidate grid use cases across TSOs, DSOs and research partners, including preparation of questionnaires, stakeholder engagement and analysis of responses.	Supporting Result

R1.2	Prioritised Use Case Portfolio (SUP)	Documented shortlist of 3–4 pan-European “quick-win” use cases including operational requirements, required data modalities, performance KPIs and cross-country validation protocols.	Key Result
R1.3	Benchmarking & KPI Framework	Standardised evaluation metrics, baseline methods and validation workflow enabling reproducible benchmarking of AI models across operators, voltage levels and datasets.	Technical Result
R2A.1	Minimum Viable Dataset (MVD) Specification	Definition of data schemas, metadata standards, quality criteria anonymisation levels and dataset structures aligned with the selected use cases.	Technical Result
R2A.2	Synthetic Benchmark Dataset Package	Curated datasets generated via physics-based simulators and digital twins representing realistic grid conditions and enabling initial foundation model training and benchmarking.	Technical Result
R2A.3	Data Connector Extensions Prototype	Technical specification or prototype enabling secure data and model exchange aligned with EU data space principles and compatible with existing open-source energy data frameworks.	Technical Result
R2A.4	Federated Data Access Framework	Definition of compute-to-data and federated learning mechanisms enabling model training across distributed datasets without requiring raw operational data transfer.	Technical Result
R2B.1	AToR Template	Standardised Annex defining scope, governance references and access conditions for individual activities and Results.	Supporting artefact
R2B.2	Individual Confidentiality Agreement	Template enabling participation of Institutional Observer representatives or invited experts under defined confidentiality obligations.	Supporting artefact (<i>available since Mar/23rd</i>)
R2B.3	Accession Document	Template allowing applying organisations to join as Parties in application of Article 4.14B (see Appendix 4).	Supporting artefact (<i>available since Mar/20th</i>)
R2B.4	AToR Template (updated)	Updated version of the CRESYM AToR template incorporating governance feedback and alignment with WG2 outputs.	Supporting artefact
R2B.5	Task Agreement Template	Template governing the execution of Service(s) and/or supply of Resource(s) for one or more Task(s) and the delivery of a Result or set of Results.	Supporting artefact

R2B.6	Updated Agreement	Consolidated Agreement reflecting governance update requirements if any, and new Parties' details (see Article 8.28)	Supporting artefact
R2B.7	Data Sharing Agreement Template	Legal framework for data/model exchange aligned with the technical architecture defined under WG2A.	Supporting artefact
R2B.8	IPR Strategy for Results Usage	Governance framework defining ownership, licensing, access conditions and management of Results and derived artefacts.	Technical Result (embedded in R2B.9)
R2B.9	Stewardship & Legacy Plan	Long-term sustainability plan defining hosting, maintenance and governance of Results, including open-source governance and stewardship arrangements.	Key Result, Milestone
R3.1	Candidate Foundation Model Architecture Portfolio	Comparative evaluation and documentation of candidate foundation model architectures for power systems, including graph neural networks, masked autoencoders, temporal transformers and physics-informed architectures .	Technical Result
R3.2	Training Pipeline & Compute Integration Plan	Specification of distributed training workflows and integration with AI Factory HPC infrastructure for scalable model training.	Technical Result
R3.3	Trustworthiness & Validation requirements	Definition of metrics and validation requirements to assess robustness, explainability, scalability and performance of R3.4 (and further versions of it)	Technical Result (embedded in R2B.9)
R3.4	Minimum Viable Foundation Model (MVFM)	Versioned baseline Foundation Model trained on synthetic and available datasets with documented architecture, configuration and experiment tracking.	Key Result, Milestone
R3.5	Trustworthiness & Validation Report	Comprehensive evaluation of the MVFM (R3.4) against against the trustworthiness and validation requirements (R3.3), including benchmarking against baseline algorithms, robustness tests under stressed grid conditions, explainability analysis, uncertainty quantification and scalability assessment across multiple datasets.	Technical Result
R3.6	Foundation Model Training & Release Package	Consolidated package containing trained model artefacts produced through scalable training workflows, including pretrained weights, experiment configurations, dataset references and reproducibility documentation, together with the governance-compliant model release workflow.	Key Result

R0.1	Project Governance Documentation	Consolidated documentation of governance decisions, coordination outputs and reporting artefacts.	Supporting Result
-------------	----------------------------------	---	-------------------

31. Task description

31.1. **WG1 tasks.** Tasks may be grouped into work packages for easier understanding of the Project logic.

Start/end dates of every Task is displayed in the schedule (see Article 32)

NB: painted green are completed Tasks, at end of May 2026 (M4).

Task nr	Result nr	Task description	Task Leader (name)	Contributors (names & fte)
<i>Work package 1: use case identification & section (WG1)</i>				
T1.1	R0.1.1	Coordination and technical management of WG1 activities, including organisation of meetings, consolidation of technical inputs from TSOs, DSOs and research partners, and alignment with Project objectives and governance requirements.	INESC-TEC	WG1
T1.2	R1.1	Design and execution of a structured survey and consultation process to collect candidate grid use cases, including preparation of questionnaires, stakeholder outreach and analysis of responses.	INESC-TEC	WG1
T1.3	R1.2	Evaluation and prioritisation of candidate use cases based on agreed criteria (operational relevance, cross-border applicability, data availability, technical feasibility and benchmarking potential).	INESC-TEC	WG1
T1.4	R1.2	Formalisation of operational requirements for selected use cases, including definition of input data modalities, temporal resolution, spatial granularity, expected accuracy targets and latency constraints.	INESC-TEC	WG1
T1.5	R1.3	Definition of KPI framework and baseline methods enabling reproducible benchmarking across operators and voltage levels.	INESC-TEC	WG1
T1.6	R1.3	Design of cross-country validation workflow, including specification of benchmarking datasets, evaluation metrics and execution procedures.	INESC-TEC	WG1
T1.x	R1.x	<i>To be completed/detailed in the course of the Project</i>	INESC-TEC	WG1

.../...

31.2. **WG2 tasks.** Tasks may be grouped into work packages for easier understanding of the Project logic.

Start/end dates of every Task is displayed in the schedule (see Article 32)

NB: painted green are completed Tasks, at end of May 2026 (M4).

Task nr	Result nr	Task description	Task Leader (name)	Contributors (names & fte)
<i>Work package 2A: technical framework for data management (WG2A)</i>				
T2A.1	R0.1.2A	Coordination and technical management of WG2A activities, including consolidation of technical inputs from operators and research partners and alignment of WG2 outputs with WG1 use-case requirements and Project governance framework.	Fraunhofer	WG2A
T2A.2	R2A.1	Definition and documentation of the Minimum Viable Dataset (MVD) specification, including data schemas, metadata structure, data quality criteria, anonymisation levels and progressive onboarding rules for operational datasets.	Fraunhofer	WG2A
T2A.3	R2A.2	Design and implementation of synthetic data generation workflows based on physics-based simulation and digital twins models, including representative steady-state and stressed grid scenarios.	Fraunhofer	WG2A
T2A.4	R2A.3	Definition of the interoperability architecture enabling secure data and model exchange, including connectors, APIs and compatibility with existing open-source energy data frameworks and EU data space principles.	Fraunhofer	WG2A
T2A.5	R2A.4	Specification of federated learning and secure data access mechanisms, including compute-to-data approaches, governance rules, access control logic and auditability mechanisms aligned with Article 10.17.	Fraunhofer	WG2A
T2A.6	R2A.2	Definition of benchmarking dataset structures supporting WG1 KPI framework and enabling cross-operator evaluation of AI models.	Fraunhofer	WG2A
T2A.x	R2A.x	<i>To be completed/detailed in the course of the Project</i>	Fraunhofer	WG2A
<i>Work package 2B: ancillary legal framework</i>				
T2B.1	R0.1.2B	Coordination and management of WG2B activities, including consolidation of legal and governance inputs and alignment with the provisions of the Project Agreement.	ENTSO-E or, by default, ELES or tbd	WG2B

T2B.2	R2B.2	Drafting and validation of the Individual Confidentiality Agreement enabling Institutional Observer representatives to access the Private Workspace, including review by WG2B and submission to PMB and PSB for approval.	CRESYM	WG2B
T2B.3	R2B.3	Development of an accession template allowing eligible Public Organisations to join the Agreement in application of Article 4.14B.	CRESYM	WG2B
T2B.4	R2B.4	Design and validation of the AToR template defining Result access conditions, licensing rules and co-ownership structures, ensuring compliance with Article 11, especially 11.11B.	CRESYM	WG2B
T2B.5	R2B.5	Development of the Task Agreement template governing delivery of Services and Resources for individual Tasks, including integration of IPR provisions, Background Information listing and AToR draft sections.	CRESYM	WG2B
T2B.6	R2B.6	Implementation of Article 8.28 and preparation of an updated version of the Agreement reflecting governance updates and potential accession of new Parties.	CRESYM	Parties and would-be Parties
T2B.7	R2B.7	Development of the Data Sharing Agreement template, derived from the Task Agreement template (R2B5), aligned with technical Minimum Viable Dataset (MVD) framework (R2A.1) and confidentiality provisions of Article 10.17.	CRESYM	WG2B
T2B.8	R2B.8	Definition of governance and ownership rules for Information generated during model training and usage, including prompts, outputs and derived artefacts.	CRESYM (by default) or tbd	WG2B
T2B.9	R2B.9	Design of the long-term stewardship and sustainability plan for Results portfolio, including governance model, maintenance responsibilities and potential funding mechanisms, to be submitted to PSB.	CRESYM (by default) or tbd	WG2B
T2B.x	R2B.x	<i>To be completed/detailed in the course of the Project</i>	CRESYM	WG2B

31.3. **WG3 tasks.** Tasks may be grouped into work packages for easier understanding of the Project logic.

Start/end dates of every Task are displayed in the schedule (see Article 32)

NB: painted **green** are completed Tasks, at end of May 2026 (M4).

Task nr	Result nr	Task description	Task Leader (name)	Contributors (names & fte)
---------	-----------	------------------	--------------------	----------------------------

<i>Work package 3A: Foundation model architecture and training pipelines (WG3A)</i>				
T3A.1	R0.1.3A	Coordination and technical management of WG3A activities, including consolidation of architectural decisions and alignment with WG1 use-case requirements and WG2 data infrastructure.	ICCS (EPU - NTUA)	WG3A
T3A.2	R3.1	Definition of foundation model architecture, including evaluation and selection of candidate model families (graph neural networks, transformers, masked autoencoders) and definition of topology-aware representation learning strategy.	ICCS (EPU - NTUA)	WG3A
T3A.3	R3.1	Design of multi-modal encoding strategy integrating grid topology, time series, weather inputs and synthetic datasets aligned with MVD schemas.	ICCS (EPU - NTUA)	WG3A
T3A.4	R3.2	Integration of physics-informed constraints into model training objectives, including definition of loss functions preserving grid feasibility and operational constraints.	ICCS (EPU - NTUA)	WG3A
T3A.5	R3.2	Development of distributed GenAI/MLOps training pipeline, including experiment tracking, model versioning, dataset lineage and automated retraining workflows on HPC/GPU infrastructures.	ICCS (EPU - NTUA)	WG3A
T3A.6	R3.4	Implementation of scalable training workflows using synthetic datasets generated under WG2A, enabling progressive integration of real operational data where permitted.	ICCS (EPU - NTUA)	WG3A
T3A.x	R3A.x	<i>To be completed/detailed in the course of the Project</i>	ICCS (EPU - NTUA)	WG3A
<i>Work package 3B: Validation, benchmarking and trustworthiness framework (WG3B)</i>				
T3B.1	R0.1.3B	Coordination and technical management of WG3B activities, ensuring alignment between validation methodologies, KPIs and the use-case requirements defined in WG1.	ICCS (EPU - NTUA)	WG3B
T3B.2	R3.3	Definition of benchmarking methodologies comparing foundation model performance against baseline algorithms, including reproducible evaluation workflows.	ICCS (EPU - NTUA)	WG3B
T3B.3	R3.3	Definition of the trustworthiness framework addressing AI safety validation, explainability, robustness, bias mitigation and monitoring of model behaviour under stressed grid conditions, including development of validation datasets and test protocols across multiple voltage levels and operational contexts.	ICCS (EPU - NTUA)	WG3B
T3B.4	R3B.5	Implementation and application of the trustworthiness framework (R3.3) to evaluate the Minimum Viable Foundation Model (R3.4) against the defined requirements.	ICCS (EPU - NTUA)	WG3B

T3B.5	R3B.6	Definition of governance-compliant model release workflow, including controlled deployment procedures, documentation requirements and alignment with ATor licensing principles.	ICCS (EPU - NTUA)	WG3B
T3B.6	R3B.6	Implementation of a continuous improvement loop integrating validation results into retraining cycles and updating datasets and model configurations.	ICCS (EPU - NTUA)	WG3B
T3B.x	R3B.x	<i>To be completed/detailed in the course of the Project</i>	ICCS (EPU - NTUA)	WG3A

31.4. **Common Tasks.** Tasks may be grouped into work packages for easier understanding of the Project logic.

Start/end dates of every Task is displayed in the schedule (see Article 32)

NB: painted green are completed Tasks, at end of May 2026 (M4).

Task nr	Result nr	Task description	Task Leader (name)	Contributors (names & fte)
<i>Work package M: Project management, integration and cross-WG coordination</i>				
T0.1	R0.1	Overall project coordination, governance support and compilation of Project documentation, including PMB/PSB reporting, Workplan updates and milestone tracking.	CRESYM	Every Party
T0.2	R0.2	Cross-working group technical alignment ensuring consistency between WG1 use cases, WG2 data architecture and WG3 model design, including organisation of joint technical reviews.	CRESYM	WG Leads
T0.3	R0.3	Integration governance for synthetic data, model pipelines and benchmarking workflows, ensuring interoperability across Tasks and avoidance of duplicated developments.	CRESYM	WG2A + WG3
T0.4	R0.4	Coordination of open-source collaboration and Community engagement, including monthly briefings, Open Workspace maintenance and contribution governance aligned with Article 8.9.	CRESYM	All WGs
T0.5	R0.5	Dissemination and technical communication activities, including preparation of public technical documentation, alignment with scientific publication strategy and community onboarding material.	CRESYM	All WGs
T0.6	R0.6	Monitoring of trustworthiness, ethics and regulatory alignment across the Project, ensuring coherence between model design decisions, governance framework and EU regulatory expectations.	CRESYM	WG2B + WG3B

T0.7	R0.7	Strategic alignment with external initiatives and infrastructures (e.g. open-source communities or European AI initiatives), ensuring complementarity and interoperability.	CRESYM	Core Group
------	------	---	--------	------------

32. Schedule

32.1. **Schedule.** The Project schedule is updated under the following link: [AI_grids_FULL_Task_Gantt_M0_M12.xlsx](#)

Only a picture copy of it is attached hereafter:

Task / Activity	M0 (Jan)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
WG1 – Strategic Use Cases & Benchmarking													
T1.1 WG1 Coordination & management													
T1.2 Use case survey & consultation													
T1.3 Use case prioritisation													
T1.4 Operational requirements definition													
T1.5 KPI framework definition													
T1.6 Validation & benchmarking design													
WG2A – Data Architecture & MVD													
T2A.1 WG2A Coordination													
T2A.2 Minimum Viable Dataset (MVD) specification													
T2A.3 Synthetic dataset preparation framework													
T2A.4 Data sharing & interoperability													
T2A.5 Federated learning and secure data access													
WG2B – Legal & Governance Framework													
T2B.1 WG2B Coordination													
T2B.2 Institutional Observer confidentiality template													
T2B.3 Fast-track Party application template													
T2B.4 ATor template development													
T2B.5 Task Agreement template													
T2B.6 Agreement update & second signatures													
T2B.7 Data Sharing Agreement template													
T2B.8 IPR strategy for AI outputs													
T2B.9 Stewardship & legacy plan													

Task / Activity	M0 (Jan)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12
WG3A – Model Design & Training Pipelines													
T3A.1 WG3A Coordination													
T3A.2 Evaluation and Comparison of different architectures													
T3A.3 Foundation Model Architecture Design													
T3A.4 Physics-informed Loss Function													
T3A.5 Model pretraining pipeline setup													
T3A.6 Scalable continuous training workflow													
WG3B – Model Validation & Trustworthiness													
T3B.1 WG3B Coordination													
T3B.2 Model Benchmarking													
T3B.3 Trustworthiness Framework Definition													
T3B.4 Trustworthiness Compliance Assessment													
T3B.5 Model Release, Deployment & Documentation													
T3B.6 Continuous improvement loops													

33. Budget allocation

33.1. **Budget Schedule.** The Project Budget is updated under the following link: [P3 - Project Workplan AI.grids.xlsx](#)

Based on the Project schedule and the involvement of resources for every task, the budget quarterly schedule is as follows:

For every quarter, total over all Tasks = total over all funded Parties = - total over all funding Parties

Total	2026				2027				2028				
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
All tasks*	2 530 513 €	0 €	246 003 €	409 193 €	567 658 €	567 658 €	100 000 €	100 000 €	100 000 €	110 000 €	110 000 €	110 000 €	110 000 €
Other actions	2 300 513 €	0 €	216 003 €	389 193 €	547 658 €	547 658 €	80 000 €	80 000 €	80 000 €	90 000 €	90 000 €	90 000 €	90 000 €
Set up HE proposals	0 €	0 €	0 €	0 €	0 €								
PMO	230 000 €	0 €	30 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €

.../...

Total		2026				2027				2028			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
All funded parties*	2 530 513 €	0 €	246 003 €	409 193 €	567 658 €	567 658 €	100 000 €	100 000 €	100 000 €	110 000 €	110 000 €	110 000 €	110 000 €
(Parties tbd)	838 448 €	0 €	0 €	47 690 €	95 379 €	95 379 €	80 000 €	80 000 €	80 000 €	90 000 €	90 000 €	90 000 €	90 000 €
INESC TEC	60 000 €	0 €	0 €	0 €	30 000 €	30 000 €							
ICCS (EPU-NTUA)	50 800 €	0 €	0 €	0 €	25 400 €	25 400 €							
Fraunhofer FIT	110 752 €	0 €	0 €	0 €	55 376 €	55 376 €							
CRESYM PMO	230 000 €	0 €	30 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €	20 000 €
° In kind contributions													
INESC TEC°	90 000 €	0 €	22 500 €	22 500 €	22 500 €	22 500 €							
ICCS (EPU-NTUA)°	76 200 €	0 €	19 050 €	19 050 €	19 050 €	19 050 €							
Fraunhofer FIT°	166 128 €	0 €	41 532 €	41 532 €	41 532 €	41 532 €							
AIT°	72 000 €	0 €	0 €	24 000 €	24 000 €	24 000 €							
Areti°	96 000 €	0 €	0 €	32 000 €	32 000 €	32 000 €							
BME°	30 000 €	0 €	0 €	10 000 €	10 000 €	10 000 €							
CIRCE°	0 €	0 €	0 €	0 €	0 €	0 €							
CUT°	13 300 €	0 €	0 €	4 433 €	4 433 €	4 433 €							
DTU°	106 800 €	0 €	0 €	35 600 €	35 600 €	35 600 €							
EPRI°	0 €	0 €	0 €	0 €	0 €	0 €							
FBK°	36 000 €	0 €	9 000 €	9 000 €	9 000 €	9 000 €							
FZJ-ICE°	150 000 €	0 €	37 500 €	37 500 €	37 500 €	37 500 €							
Mines Paris-PSL°	43 838 €	0 €	10 960 €	10 960 €	10 960 €	10 960 €							
PSCC°	24 800 €	0 €	0 €	8 267 €	8 267 €	8 267 €							
RD Nester°	20 100 €	0 €	5 025 €	5 025 €	5 025 €	5 025 €							
RWTH Aachen°	150 000 €	0 €	37 500 €	37 500 €	37 500 €	37 500 €							
Supergrid Institute	0 €	0 €	0 €	0 €	0 €	0 €							
SZTAKI°	33 600 €	0 €	0 €	11 200 €	11 200 €	11 200 €							
TNO°	13 874 €	0 €	3 468 €	3 468 €	3 468 €	3 468 €							
TUCN°	78 000 €	0 €	19 500 €	19 500 €	19 500 €	19 500 €							
TU Delft°	39 873 €	0 €	9 968 €	9 968 €	9 968 €	9 968 €							
To be completed	0 €	0 €	0 €	0 €	0 €	0 €							

.../...

Total		2026				2027				2028			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
All funding parties*	2 530 513 €	0 €	291 003 €	516 503 €	526 503 €	456 503 €	40 000 €	210 000 €	80 000 €	80 000 €	80 000 €	250 000 €	0 €
CRESYM	300 000 €	0 €	75 000 €	75 000 €	75 000 €	75 000 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
RTE	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Alliander	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
ELES	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
HEDNO	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
IPTO	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Natran	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
swissgrid	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
TenneT NL	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
TenneT DE	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Amprion	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Areti (1)	0 €	0 €	0 €		0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
50Hz	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
APG	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
ESO	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
NNÖ	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
PSE	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Sadeles	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Terna	30 000 €	0 €	0 €		10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Other parties	480 000 €	0 €	0 €	0 €	40 000 €	40 000 €	40 000 €	40 000 €	80 000 €	80 000 €	80 000 €	80 000 €	0 €

.../...

	Total	2026				2027				2028			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<i>° In kind contributions</i>													
INESC TEC ^{°°}	90 000 €	0 €	22 500 €	22 500 €	22 500 €	22 500 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
ICCS (EPU-NTUA) ^{°°}	76 200 €	0 €	19 050 €	19 050 €	19 050 €	19 050 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Fraunhofer FIT ^{°°}	166 128 €	0 €	41 532 €	41 532 €	41 532 €	41 532 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
AIT ^{°°}	72 000 €	0 €	0 €	24 000 €	24 000 €	24 000 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Areti ^{°°}	96 000 €	0 €	0 €	32 000 €	32 000 €	32 000 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
BME ^{°°}	30 000 €	0 €	0 €	10 000 €	10 000 €	10 000 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
CIRCE ^{°°}	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
CUT ^{°°}	13 300 €	0 €	0 €	4 433 €	4 433 €	4 433 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
DTU ^{°°}	106 800 €	0 €	0 €	35 600 €	35 600 €	35 600 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
EPRI ^{°°}	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
FBK ^{°°}	36 000 €	0 €	9 000 €	9 000 €	9 000 €	9 000 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
FZJ-ICE ^{°°}	150 000 €	0 €	37 500 €	37 500 €	37 500 €	37 500 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Mines Paris-PSL ^{°°}	43 838 €	0 €	10 960 €	10 960 €	10 960 €	10 960 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
PSCC ^{°°}	24 800 €	0 €	0 €	8 267 €	8 267 €	8 267 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
RD Nester ^{°°}	20 100 €	0 €	5 025 €	5 025 €	5 025 €	5 025 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
RWTH Aachen ^{°°}	150 000 €	0 €	37 500 €	37 500 €	37 500 €	37 500 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Supergrid Institute	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
SZTAKI ^{°°}	33 600 €	0 €	0 €	11 200 €	11 200 €	11 200 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
TNO ^{°°}	13 874 €	0 €	3 468 €	3 468 €	3 468 €	3 468 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
TUCN ^{°°}	78 000 €	0 €	19 500 €	19 500 €	19 500 €	19 500 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
TU Delft ^{°°}	39 873 €	0 €	9 968 €	9 968 €	9 968 €	9 968 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
<i>To be completed</i>	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €

.../...

Total	2026				2027				2028			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

*** Project (stricto sensu)**

**** Contribution to CRESYM common budget** (see Article 12.6: 15/85 x contribution to project of the Party, but CRESYM)

Total	2026				2027				2028			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

All funding parties**	52 941 €	0 €	0 €	12 353 €	5 294 €	0 €	0 €	17 647 €	0 €	0 €	0 €	17 647 €	0 €
CRESYM	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
RTE	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
Alliander	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
ELES	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
HEDNO	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
IPTO	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
Natran	5 294 €	0 €	0 €	0 €	1 765 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
swissgrid	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
TenneT NL	5 294 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
TenneT DE	5 294 €	0 €	0 €	0 €	1 765 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
Amprion	5 294 €	0 €	0 €	0 €	1 765 €	0 €	0 €	1 765 €	0 €	0 €	0 €	1 765 €	0 €
Areti (1)	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
50Hz	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
APG	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
ESO	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
NNÖ	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
PSE	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Sadeles	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Terna	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
Other parties	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €

.../...

Total	2026				2027				2028			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4

*** Project (except in-kind contributions) + contribution to CRESYM common budget

All funding parties***	1 342 941 €	0 €	75 000 €	187 353 €	190 294 €	115 000 €	40 000 €	227 647 €	80 000 €	80 000 €	80 000 €	267 647 €	0 €
CRESYM	300 000 €	0 €	75 000 €	75 000 €	75 000 €	75 000 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
RTE	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
Alliander	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
ELES	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
HEDNO	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
IPTO	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
Natran	35 294 €	0 €	0 €	0 €	11 765 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
swissgrid	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
TenneT NL	35 294 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
TenneT DE	35 294 €	0 €	0 €	0 €	11 765 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
Amprion	35 294 €	0 €	0 €	0 €	11 765 €	0 €	0 €	11 765 €	0 €	0 €	0 €	11 765 €	0 €
Areti (1)	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €	0 €
50Hz	30 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
APG	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
ESO	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
NNÖ	30 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
PSE	30 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Sadeles	30 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Terna	30 000 €	0 €	0 €	0 €	10 000 €	0 €	0 €	10 000 €	0 €	0 €	0 €	10 000 €	0 €
Other parties	480 000 €	0 €	0 €	0 €	40 000 €	40 000 €	40 000 €	40 000 €	80 000 €	80 000 €	80 000 €	80 000 €	0 €

34. Roles & specific provisions

34.1. **Roles.** The following table lists every Party with their Role (see Articles 1.49 & 8.23 to 8.26) and possible conditions of involvement:

For the sake of readability, a specific colour corresponds to each of the four (4) roles:

.../...

Party	Role	Resources	Conditions	Comments
50Hertz**	G-Party	10 k€/year	Regulatory & legal compliance. Cybersecurity & IT compatibility. Data sovereignty. No mandatory data sharing. AI safety & operational validation. TSO-led governance IP protection. Transparency of governance and architecture. Right to withdraw. Participation conditioned by resource availability. Vendor agnostic & technology neutrality.	Key player
AIT**	R-Party	6 PM/year (1)	None	Key player Co-leadership of Austrian AI-factory
Alliander	G-Party	10 k€/year	Opensource outcomes (see LF Energy) No Result shared or released if a G-Party reasonably demonstrates that such sharing may lead to disclosure or reconstruction of its confidential or sensitive data.	Key player
Amprion**	G-Party	10 k€/year	None	Key player
APG	G-Party	10 k€/year	(2) + binding AI Safety gates before operational deployment.	Key player
Areti**	G-Party	5 PM/year in kind (equivalent to ~32 k€/year) (4)	(5)	Key player
Artelys	I-Party	None (1)	None	-
BME**	R-Party	4,2 PM during the first year (in kind)	Participation is limited to in-kind R&D, with no further financial resources. (2) Alignment with available in-kind research means & ongoing national/EU projects.	Key player
ČEPS	G-Party	10 k€/year	None	Key player
CIRCE**	R-Party	None (1)	Contribution subject to alignment with funded national and European projects,	CIRCE's contribution to specific Tasks will be confirmed on a case-by-case basis,

			and/or funding provided within the AI.grids consortium	depending on the technical scope, the resources committed by other Parties, and the alignment with CIRCE's strategic and funded research agenda
CUT**	R-Party	2 PM/year (1)	In-kind contribution limited by actual resource availability.	-
CyberGrid	I-Party	None (1)	No data from CyberGrid, nor CyberNoc IPR	-
DTU**	R-Party	12 PM/year (1)	None	Key player
E.DSO	E-Party	None (1)	None	-
ELES	G-Party	10 k€/year	(2)	Key player
Online	I-Party	None (1)	None	-
ENTSOE**	E-Party	None (1)	None	-
EPRI Europe	I-Party	None (1)	Background information safeguarded. Appropriate requirements for conflict-of-interest, confidentiality, data-governance.	Potential overlap with ongoing EPRI works
ESO	G-Party	10 k€/year	No investment in IT required from ESO, security & regulatory requirements. (2)	Key player
Fraunhofer FIT	R-Party	12 PM during the first year	None	Key player
FBK	R-Party	2 x 3 PM (AI expert, power systems)	Involvement of AI factories, of TSO & DSO	Key player
FZJ-ICE	R-Party	12 PM during the first year	Data sharing legally assessed case by case	Key player
HEDNO	G-Party	10 k€/year		Key player
INESC TEC	R-Party	12 PM during the first year	Access to BSC AI Factory	Key player
ICCS (EPU-NTUA)	R-Party	12 PM during the first year	Access to Pharos AI factory of EPU-NTUA through the ELKE NTUA	Key player
IPTO	G-Party	10 k€/year	(2)	Key player
IRT-SystemX	R-Party	None (1)	Trustworthiness as per ETAIA roadmap (3)	-

Mines Paris -PSL	R-Party	7 PM during the first year	None	Key player
NaTran**	G-Party	10 k€/year	None	Key player
NNÖ	G-Party	10 k€/year	Full Compliance on EU data and AI legislation (e.g. GDPR, AI-Act)	Key player
PSE SA**	G-Party	10 k€/year	(2). Compliance with PSE SA procedures.	Key player
PCSS**	R-Party	4 PM/year	(2) (3) Compliance with rules, conditions & limitations of the PIAST-AI AI factory.	Key player
RD Nester	I-Party	3 PM during the first year	None	Key player
RSE	R-Party	None (1)	Opensource results	-
RTE	G-Party	10 k€/year	Public procurement & competition law requirements	Key player
RWTH Aachen	R-Party	12 PM during the first year	None	Key player
Sadales Tikls**	G-Party	10 k€/year	None	Key player
SEPS**	G-Party	10 k€/year	None	Key player
SuperGrid Institute**	R-Party	None (1)	None	-
SZTAKI**	R-Party	4,2 PM during the first year (AI expert)	Participation is limited to in-kind R&D, with no further financial resources. (2) Alignment with available in-kind research means & ongoing national/EU projects.	Key player
Swissgrid	G-Party	10 k€/year	Public procurement & competition law requirements	Key player
T&D Europe	E-Party	None	None	-
TenneT DE**	G-Party	10 k€/year	None	Key player
TenneT NL	G-Party	10 k€/year	Compliance with EU data & AI legislation. Full access to R&D.	Key player

TNO	R-Party	2*100 hours (on digital transformation + foundation models engineering)	TNO can secure the necessary funding. The action remains pre-competitive, compliance with EU state-aid regulations. Opensource.	-
TUCN	R-Party	12 PM during the first year	None	Key player Linkage with the Romanian AI factory
TU Delft	R-Party	3 PM during the first year (AI expert, power systems), models and data	Alignment with TU Delft development plan Availability of resources	Key player
Ubitech Energy	I-Party	3 PM during the first year	None	Key player
<i>To be completed/detailed in the course of the Project</i>				

Comments to the table:

- ‘PM’ means ‘person.month’
- ** designates a Party joining with the second round of signature of the present Project Agreement in Application of Article 8.28, anticipating and assuming the organisation’s signature of the present Agreement. If an organisation’s signature is pending or should the organisation exit the contract, then the related information must be disregarded.
- (1) In kind expertise < 3 PM does not qualify as “Resource” (see definition in Article 1.54)
- (2) Data sharing complying with national security regulations, GDPR and EU AI Act. sensitive operational data remain on site; only derived or synthetic data can be shared. Clear definition of roles, responsibilities, and governance. Mutual NDA. Clear IP and licensing scheme.
- (3) In accordance with the provisions of the Agreement, the specific conditions under which the Party provides Services or Resources will be detailed in specific Tasks Agreements.
- (4) see Article 21.3.
- (5) Regulatory & cybersecurity compliance, IT compatibility & data sovereignty requirements. No mandatory data. Any sharing, access, processing, use or derivation of the Party’s Input Data, Background Information, operational data, grid-related information or sensitive information shall require its prior express written consent and a dedicated Task Agreement/Data Sharing Agreement signed by it. The Party may withdraw or suspend its participation in any Task involving such information for regulatory, cybersecurity or operational reasons.

34.2. **Stakeholders.** The following table lists every organisation who asked (on “Date in”) to be kept informed as “Stakeholder” of the Project (and, possibly, until they asked to be removed from the list – “Date out”), and managed according to Article 8.27:

Organisation	Role	WG1	WG2A	WG2B	WG3A	WG3B	Date in	Date out	Contact email address	Comments
CEZ Distribuce	S	-	-	-	-	-	07/04/26		richard.vidlicka@cez.cz	email 07/4/26
EC JRC	S	yes	-	-	-	-	000	-	nikoleta.andreadou@ec.europa.eu	email 28/2/26
Elia transmission	S	-	-	yes	-	-	000	-	herman.carstens@elia.be	email 05/3/26
ENEDIS	S	-	-	-	-	-	03/04/26	-	axel.declercq@enedis.fr	email 03/4/26
ENEL	S	yes	yes	yes	yes	yes	000	-	mena.testa@enel.com	email 28/2/26
energinet	S*	-	-	-	-	-	000	-	APX@energinet.dk	email 18/3/26
Energa operator	S	-	-	-	-	-	000	-	slawomir.Noske@energa-operator.pl	email 02/3/26
Enexis	S	-	-	-	-	-	000	-	david.steenmeier@enexis.nl	email 26/3/26
EON	S	yes	-	yes	-	-	000	-	oliver.franz@eon.com	email 10/3/26
EON Hungary	S	-	-	-	-	-	000	-	istvan.taczi@eon-hungaria.com	email 31/3/26
ETAIA	S*	yes	yes	-	-	yes	000	-	nicolas.rebierre@irt-systemx.fr	email 23/3/26
GE Vernova	S	-	-	-	-	-	13/05/26	-	Jasjeet.Hanjrah@gevernova.com	email 13/5/26
HES-SO	S	-	-	-	-	-	000	-	emmanuel.fragniere@hevs.ch	email 27/2/26
HOPS	S	yes	-	-	-	-	19/05/26	-	goran.levacic@hops.hr	email 19/5/26
Iberdrola	S	-	-	-	-	-	000	-	jou@iberdrola.es	email 05/3/26
Netze BW	S	-	-	-	-	-	000	-	m.treutlein@netze-bw.de	email 04/2/26
RheinNetz	S	yes	-	-	-	-	000	-	h.ying@rng.de	email 20/3/26
SAP	S	-	-	-	-	-	000	-	markus.bechmann@sap.com	email 05/3/26
statnett	S	-	-	-	-	-	22/04/26		kjell.myhren@statnett.no	email 22/4/26
Stedin	S	-	-	-	-	-	000	-	Nuran.CihangirMartin@stedin.net	email 28/1/26
Tauron dystrybucja	S	-	-	-	-	-	000	-	tomasz.rodziewicz@tauron-dystrybucja.pl	email 18/3/26

Terna	S	yes	-	-	-	-	000	-	rosalia.cotino@terna.it	email 20/2/26
Westfallen Weser	S	-	-	-	-	-	000	-	thorsten.gross@ww-energie.com	Email 10/3/26
<i>To be completed/detailed in the course of the Project</i>										

Comments to the table

- Role = 'S' stands for "Stakeholder, 'S*' stands for Stakeholder and planning to join in the second round in Application of Article 8.28.
- '000' in 'Date in' means the Effective Start Date

35. GDPR data

35.1. **Personal Data.** Pursuant to article 10.14 of this Agreement, this Appendix contains individual information concerning the processing of personal data by each data controller:

CRESYM	https://cresym.eu/privacy-policy
PSE SA	https://www.pse.pl/documents/20182/51490/Information_obligation_stemming_from_personal_data_protection_regulations.pdf
Other Parties	<i>(To be completed in every involved Task Agreement)</i>

.../...

Appendix 4: Accession Document for

(NB: the following is Result R2B.3)

ACCESSION OF A NEW PARTY TO AI.GRIDS PROJECT

CRESYM, an international non-profit association (AISBL), incorporated under the laws of Belgium under number 0790 603 745, with its registered office at Mitwit, Square de Meeûs 38-40 1000 Brussels (Belgium), and represented by Sébastien LEPY, in his capacity as General Manager.

Hereinafter "**CRESYM**";

XXXX, [legal organisation class], incorporated under the laws of [country] under number [registration nr], with its registered office at [address (country)], and represented by [first & LAST name], in his capacity as [capacity/title].

Hereinafter "**XXX**" or the **Accessing Party**;

The Accessing Party hereby consents to become a Party to the AI.grids Project, as depicted in the Project Agreement version Jun/3rd 2026 and accepts all the rights and obligations of a Party, and more specifically as [E-Party, G-Party, I-Party OR R-Party], starting [date] (the 'Accession Date').

- For an accession as an E-Party, or I-Party, CRESYM hereby certifies that the Project Supervisory Board has accepted in the meeting held on [PSB meeting date] the accession of the Accessing Party to the consortium starting on the Accession Date.
- For an accession as R-Party or G-Party, the accession is implicitly accepted by every other Party, in application of Article 4.14B.

[As the case may be] The Accessing Party shall contribute to the Project with the following Resource and becomes a Key Player:

- As G-Party, the Accessing Party funds the Project with at least ten thousand euro per year (EUR 10 000).
- [OR to be completed]

For the purposes of this Accession Document, CRESYM acts solely in its capacity as mandated representative of the Parties pursuant to Article 8.32 of the Project Agreement and executes this Accession Document in the name and on behalf of the Parties in accordance with the authority granted therein.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AGREEMENT AS OF THE
ACCESSION DATE.

.../...



On: For CRESYM: Sébastien LEPY	On: For [XXX]: [First & LAST name]
--	--

End of the document