



**CLEAN
HYPRO**

Open Innovation Test Bed for Electrolysis
Materials for Clean Hydrogen Production

CLEANHYPRO 2ND WAVE OPEN CALL (OC2)

Guidelines for Applicants



Co-funded by
the European Union

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ABBREVIATIONS

OITB	Open Innovation Test Bed
SEP	Single Entry Point
DCA	Democase Agreement
SDP	Access Service Delivery Plan

1. INTRODUCTION

This document contains the necessary information to guide applicants in preparing the proposal for submission to the CLEANHYPRO 2nd Wave Open Call (OC2).

1.1 ABOUT THE CLEANHYPRO PROJECT

Project acronym: CLEANHYPRO

Project full name: Open Innovation Test Bed for Electrolysis Materials for Clean Hydrogen Production

Project grant agreement number: 101091777

CLEANHYPRO is dedicated to developing a sustainable **Open Innovation Test Bed (OITB)** for electrolysis materials and components. The project provides access to [9 Pilot Lines \(PLs\)](#) and an array of technological and non-technological services to support the development, validation, and market uptake of innovative electrolysis technologies. The full catalogue of services can be found here: [CLEANHYPRO Catalogue of Services](#).

1.2 OBJECTIVES OF THE OPEN CALL

Through its competitive Open Calls¹, CLEANHYPRO will offer free access to selected projects to cutting-edge pilot lines and services via a Single-Entry Point (SEP). This access enables SMEs, start-ups, and industry players to develop and test innovative electrolysis materials and components.

CLEANHYPRO Open Call system is opened to all applicants aspiring to bring their knowledge and breakthrough in the field of circular innovative materials and key components to validate proof of concepts and to faster the go-to-market process of electrolysis industry. The services offered include technical services and business support as referred to in the [CLEANHYPRO Catalogue of Services](#).

Overall, the objectives of the Open Call are to:

- **Support innovative companies** to test and demonstrate electrolysis technologies.
- **Promote collaboration** between research and industry.
- **Validate operation, accessibility, and sustainability** of the SEP by engaging external stakeholders.

CLEANHYPRO will select a minimum of 10 Democases (projects). Applicants should propose a project aligned with CLEANHYPRO's objectives targeting either:

- **Research and Innovation Action (TRL4–5):** projects focusing on new concept and demonstration and / or aiming to assess the feasibility of a new improved technology, process, product, service or solution) or;

¹ The first wave of the CLEANHYPRO Open Call has been completed and is now closed. This document provides the information, updates, and procedures applicable to the second wave of the Open Call.

- **Innovation Action (TRL 6-7):** projects directly aiming at prototyping and demonstrating large-scale products for market validation and replication):
 - Developing high-level and reliable electrolysis materials and components across the entire value chain.
 - Catering to the market's demands for improved efficiency, reduced costs, and enhanced durability.
 - Offering a comprehensive package that includes non-technical services to accelerate innovation, ensuring industrial success.
 - Providing differentiation through a multi-material approach, four primary electrolysis technologies, various cell geometries, and key materials and components.
 - Help companies upscale their technologies.

2. WHO CAN APPLY?

The primary target of the CLEANHYPRO Open Call is **innovative SMEs and industry players** operating in the electrolysis and clean hydrogen value chain.

Eligible applicants must comply with the following:

- a. Any entity legally entitled to operate as a business may apply. This includes not only capital companies but also natural persons, provided they hold the necessary trade licenses or equivalent authorizations.
- b. The entity must be established in a country part Horizon Europe country.²
- c. CLEANHYPRO partners are not eligible to apply.

3. WHEN TO APPLY?

The 2nd Wave of the Open Call will be launched on **September 8th, 2026**, and close on October **23rd, 2026**, at 17:00h Brussels time.

² Please refer to the official list of eligible countries for confirmation ([EU members](#) and [Horizon Europe associated countries](#)).

4. HOW TO APPLY?

Applications should be submitted through the [CLEANHYPRO Online Submission System](#)³, following these steps:

1. Explore the 'Guidelines for Applicants' (the present document) to check the scope, eligibility criteria and requirements of the open call.
2. Browse our [Catalogue of Services](#) to review available services.
3. Download the [Proposal Template](#) and fill it in with your proposal.
4. Access the F6S platform to register and start your application on the [CLEANHYPRO submission page](#).
5. **Submit the application** via the [CLEANHYPRO submission platform](#) by completing the online application form ([template in the Annexes](#)) and uploading the completed proposal template (also available in [Annexes](#)) before the deadline. Applications must be submitted **in English**.
6. You will receive a confirmation email once your application has been successfully submitted.

5. ELIGIBILITY CRITERIA

All applicants must meet the requirements described in this section to be eligible for the CLEANHYPRO 2nd Wave Open Call (OC2).

The first eligibility screening process will access the following:

- Applicants must be registered in EU Members states or [Horizon Europe associated countries](#)⁴.
- Applicants must be an entity legally entitled to operate as a business. This includes not only capital companies but also natural persons, provided they hold the necessary trade licenses or equivalent authorisations.
- Applications need to be submitted by the deadline. Late applications **will NOT** be admitted.
- A maximum of **one project per applicant** will be selected. If multiple applications are submitted, only the last application received will be considered.

³ <https://www.f6s.com/cleanhypro-2nd-wave-open-call-oc2>

⁴ https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/guidance/list-3rd-country-participation_horizon-euratom_en.pdf

- Applications must be submitted in English. Applications submitted in any other language **will NOT** be eligible.
- Each project selected should have a maximum duration of 6 months.

6. PROPOSALS EVALUATION AND SELECTION PROCESS

Applications will be evaluated within four weeks after the official call deadline, **23rd October 2026, 17:00h Brussels time**. Selected applicants will be announced in mid-November 2026. The evaluation process includes:

1. **Eligibility check:** Applications will be reviewed for compliance with the guidelines. Proposals must meet **ALL the following eligibility criteria**, which will check the following:
 - The proposal is written in English language.
 - All the required documentation is submitted correctly.
 - All the required sections of the proposal have been completed.
 - The application was submitted within the deadline.
 - The applicant/company must be based in an eligible country.

**Proposals that are marked as non-eligible will receive a rejection letter explaining the reason for the decision.*
2. **Evaluation Panel:** The panel will be composed by TEC, IREC, FHG, TNO and EGHAC (CLEANHYPRO consortium's partners) and will carry out the technical and business assessment.
3. **Selection criteria:**
 - **Excellence:** Innovativeness and feasibility of the proposed project.
 - **Impact:** Industrial relevance, business potential, and contribution to electrolysis technology development.
 - **Implementation and applicants' capacity:** Quality of the work plan, clear identification of the challenge, barriers and solutions, and pathway to develop a solution. The capacity of the applicant(s) to deliver the proposal is based on their proven experience.

1.3 EVALUATION AND SELECTION PROCESS

Evaluation criteria and scoring

For each application, evaluators will assess and score the following criteria on a scale of 1 to 10:

- **Excellence:** Evaluate the innovativeness and feasibility of the proposed project.
- **Impact:** Consider the industrial relevance of the project, its business potential, and its contribution to the development of electrolysis technologies.
- **Implementation and Applicant's Capacity:** Assess the quality and clarity of the work plan, including the identification of challenges, barriers, proposed solutions, and the roadmap to solution development. Also, evaluate the proven experience and overall capacity of the applicant(s) to deliver the proposal.

Each criterion will be scored from 1 (lowest) to 10 (highest). No half points are given, and the maximum score is 30. Score values indicate the following assessments:

Grade	Rank	Description
1-2	Fail	The proposal does not address the criterion at all or lacks sufficient or relevant information for assessment.
3-4	Very Poor	The criterion is addressed inadequately, with major weaknesses or insufficient detail.
5-6	Poor	The proposal addresses the criterion only in a limited way, with several significant shortcomings.
7-8	Good	The proposal meets the criterion well, but certain improvements are necessary.
9	Very Good	The proposal addresses the criterion very well, though minor improvements could be made.
10	Excellent	The proposal successfully addresses all aspects of the criterion with only minimal, if any, shortcomings.

In order to be selected, proposals must achieve a **minimum score of 7 per criterion**. Proposals falling below this threshold will not be eligible for selection.

The priority order for proposals with the same score is handled as follows:

- These proposals will be prioritized according to the scores they have been awarded for the criterion impact.

- If these scores are also equal, priority will be based on scores for soundness of service concept and ambition; alignment to CLEANHYPRO services.

Where necessary, a consensus review may be conducted to ensure a fair, consistent, and high-quality evaluation of the proposals.

Evaluation Outcome and Selection Process

Following the evaluation process, all applicants will be informed of the outcome of the evaluation process.

An **Evaluation Summary Report (ESR)** will be sent to applicants, previously validated by the Evaluation Panel, approximately 4 weeks from submission deadline.

Proposals that achieve the required evaluation thresholds and are selected for support will be invited to enter the onboarding phase.

The **selected applicants** will be announced in **mid-November 2026**.

1.4 REDRESS PROCESS

Upon receiving the evaluation results, applicants will have the possibility to submit a request for redress if they believe the results of the eligibility check have not been corrected applied, or if they feel that there has been a shortcoming in the way their proposal has been evaluated that may affect the final decision on whether their project is selected or not.

The redress process is not meant to call into question the judgement made by the evaluators; it will look at procedural shortcoming and – in rare cases – into factual errors.

Such clarifications requests should be raised within 7 working days from the date of the evaluation feedback sent by the CLEANHYPRO Helpdesk. If clarification is submitted after that deadline, it will not be considered.

Clarification request sent by applicants must be:

- Related to the evaluation process;
- Sent by email to CLEANHYPRO Helpdesk;
- Received within the specified time limit.

An initial reply will be sent no later than five working days after the deadline for clarification requests.

7. ONBOARDING OF SELECTED APPLICANTS

The projects selected through the Open Call (democases) will allow to validate operation, accessibility and sustainability of the CLEANHYPRO's SEP and facilitate the EU's industrial transformation of electrolysis materials and components.

1.5 ONBOARDING PROCESS

Each selected democase will be assigned:

- A **Service Delivery Manager (SDM)**, from CLEANHYPRO's consortium, will act as the main contact point throughout the project and coordinate the delivery of the agreed services.
- A **Business Mentor**, who will provide guidance on business development, exploitation, and market-related aspects.

Following the selection process, beneficiaries (democases) will work together with CLEANHYPRO experts to co-develop the **Access Service Delivery Plan (SDP)**. This document will establish:

- The objectives and scope of the support activities;
- The work plan, including tasks, milestones, deliverables, and timeline;
- The services and facilities to be accessed;
- The roles and responsibilities of all parties involved;
- Intellectual Property Rights (IPR) and confidentiality arrangements, where applicable.

Before the start of the support activities, beneficiaries will also be required to sign a **Democase Agreement (DCA)** ([Annex 3](#)), which will govern the implementation of the project and the provision of services.

1.6 DEMOCASES SUPPORT PROVIDED

Each legal entity can be involved **in one case only**.

Selected applicants may receive up to €150.000 worth of services and support through the CLEANHYPRO ecosystem.

Support is provided in the form of access to services, expertise, facilities, pilot lines, testing and validation infrastructure, business support, and mentoring activities, as defined in the Access Service Delivery Plan (SDP).

Where justified by the project activities, CLEANHYPRO may also cover specific implementation-related costs, such as travel required to access pilot line facilities or participation in stakeholder engagement activities.

No direct financial grant will be transferred to beneficiaries.

1.7 DEMOCASES EXPECTED OUTPUTS

The implementation period for each democase will be up to six months. Within this timeframe, beneficiaries (democases) will be required to submit:

- An **interim progress report** to provide a summary of progress made against the Access Service Delivery Plan (SDP), as well as the key achievements.
- A **final report** to be provided 1 month after the end date of the project including all the achievements.

In addition, beneficiaries will be required to prepare a short business cases or success story (maximum four pages) highlighting the outcomes and impact of the collaboration. This document may be published by CLEANHYPRO for dissemination and communication purposes.

8. DATA PROTECTION & CONFIDENTIALITY

During the implementation of the CLEANHYPRO Open Call activities and for five years after the end of the democase activities, the parties must keep confidential any data, documents, invoices or other material (in any form) that is identified as confidential information.

If a selected applicant requests, the Commission and the CLEANHYPRO Consortium may agree to keep such information confidential for an additional period beyond the initial five years.

If the information has been identified as confidential during the CLEANHYPRO democase or only orally, it will be confidential only if this is accepted by the CLEANHYPRO coordinator and confirmed in writing within 15 days of the oral disclosure. Unless otherwise agreed between the parties, they may use confidential information only to implement the project.

The selected applicants may disclosure confidential information to the CLEANHYPRO Consortium and to the selected reviewers, who will be bound by a specific Non-Disclosure Agreement.

9. CONFLICT OF INTEREST

By submitting a proposal to the CLEANHYPRO Open Calls: 1st Wave (OC1) you declare that to your knowledge there are no conflicts of interest which might affect the objectivity of your proposal's evaluation. The list of CLEANHYPRO partners can be found [here](#).

10. CONTACTS

The CLEANYPRO consortium will provide information to the applicants only via the F6S blog, so that the information (question and answer) will be visible to all participants.

CLEANHYPRO Open Calls results will be communicated to participants via email and via Message through the [F6S Platform](#).

If you need assistance with applying to the Call, or explanations about technology offerings and your possibilities with CLEANHYPRO, please send us your enquiries to info@cleanhypro.eu. The Helpdesk will be active Monday – Friday from 9 a.m. to 5 p.m. (CET). We will be happy to help you. We encourage all applicants to check the technical and business feasibility of their ideas well in advance of submission.

More info at: <https://cleanhypro.eu/open-calls-for-democases/second-wave-oc2/>

Apply via: <https://www.f6s.com/cleanhypro-2nd-wave-open-call-oc2>

F6S support team: support@f6s.com

CLEANHYPRO support team: info@cleanhypro.eu

Raquel Amaral (F6S) raquela@f6s.com

Maria José Durão (PNO) mariajose.durao@pnoinnovation.com

Joana Moreira da Silva (PNO) joana.moreiradasilva@pnoinnovation.com

PARTNERS

Participant number	Participant organisation name	Short name	Country
1	FUNDACION TECNALIA RESEARCH & INNOVATION	TEC	ES
2	STAM SRL	STAM	IT
3	KIC INNOENERGY SE	EGHAC	NL
4	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	CEA	FR
5	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO	TNO	NL
6	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY	VTT	FI
7	FUNDACIO INSTITUT DE RECERCA DE L'ENERGIA DE CATALUNYA	IREC	ES
8	FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV	FHG	DE
9	BUREAU VERITAS SOLUTIONS IBERIA SLU	BV	ES
10	PNO INNOVATION UNIPESSOAL LDA	PNO	PT
10.1	CIAOTECH Srl	CIAOTECH	IT
11	CERAMIC POWDER TECHNOLOGY AS	CPT	NO
12	SAS 3DCERAM SINTO	3DCS	FR
13	F6S NETWORK IRELAND LIMITED	F6S	IE
14	AGFA GEVAERT NV	AGFA	BE
15	SPARKNANO BV	SparkNano	NL
16	BRANDENBURGISCHE TECHNISCHE UNIVERSITAT COTTBUS-SENFTENBERG	BTU C-S	DE
17	ELCOGEN OY	ELC-1	FI
18	ENAPTER GMBH	ENAPTER	DE
19	AKTSIASELTS ELCOGEN	ELC-2	EE
20	MCPHY ENERGY	MCP	FR
21	MONDRAGON ASSEMBLY SOCIEDAD COOPERATIVA	MASS	ES
22	RHODIA OPERATIONS	SOLVAY	FR
23	Rhodia Laboratoire du Futur	SOLVLAB	FR
24	VSPARTICLE BV	VSP	NL
25	INDUSTRIE DE NORA SPA-IDN	IDN	IT
26	UMICORE AG & CO KG	UMI	DE
27	H2GREEN Planet	H2Green	DE
28	SPECIALTY OPERATIONS FRANCE	SOF	FR
29	MCPHY ENERGY DEUTSCHLAND GMBH	MCP DE	DE

ANNEX 1 – APPLICATION FORM

PROPOSAL IDENTIFICATION

1. Proposal full title*

2. Proposal acronym*

3. Proposal abstract*

Please provide a concise summary of the content and objectives of your project.

Max. 2000 characters

APPLICANTS INFORMATION

4. Applicants full name*

5. Type of applicant*

- Entrepreneur
- Startup
- SME
- Large enterprise
- Other (if selected, please specify)

6. Institution/organisation name*

7. VAT number*

8. Email address*

9. Country*

10. Website*

PROPOSAL INFORMATION

11. To which CLEANHYPRO service are you applying to? *

Technical Services:

- Manufacturing and testing of electrolyzers (AEL, PEM, AEM, SOEC)
- Technology upscaling and assessment (TRL4–7)
- Feasibility studies, LCA and LCC analysis
- Access to pilot facilities for electrolysis
- Testing and certification of H2 systems
- Advanced simulations and digital twins

Business Services:

- Electrolyser certification and compliance
- Communication and dissemination
- Networking and access to investors
- Innovation Services

Additional Offering:

- Standardised IP and licensing via SEP
- Digital platform for collaboration and funding

Please note that this is just a preliminary indication. The proposals that pass the evaluation and technical feasibility check will be offered the chance to negotiate and define a Service Delivery Plan with the Service Delivery Manager assigned by CLEANHYPRO. This will be the opportunity to define the final composition of services used in case your proposal is successful. Please refer to the CLEANHYPRO Catalogue of Services for further information about the services listed.

Check the Catalogue of Services here: <https://cleanhypro.eu/about/catalogue-of-services/>

12. To which pilot line does the service that you are applying for correspond? *

- PL1: AEL electrode fabrication route
- PL2: Catalyst Coated Membrane (CCM) manufacturing based on spatial ALD
- PL3: Nanostructured Materials Printer
- PL4: Testing of PEM electrolysis cells/stacks
- PL5: Advanced CCM manufacturing and assembly line

- PL6: MEA testing line
- PL7: Industrial 3D printing for fabrication of complete SOEC cells and stacks
- PL8: Advanced electrode nanomaterials for innovative Solid Oxide Electrolysis
- PL9: SOEC testing pilot line
- None of the above

Check the CLEANHYPRO website for more information on the pilot lines:
<https://cleanhypro.eu/about/pilot-lines/>

PROPOSAL

13. Please upload your proposal here. *

Use the included in the Guidelines for Applicants. Applications that do not use the proposal template will be deemed non-eligible.

You can download the template here: https://cleanhypro.eu/wp-content/uploads/2026/08/CLEANHYPRO-Open-Calls_Proposal-Template_OC2.docx

14. I have reviewed and accept all conditions of the CLEANHYPRO Open Calls: 1st Wave (OC1) Guidelines for applicants. *

- ☐ Yes

You can find the Guidelines for Applicants here: <https://cleanhypro.eu/open-calls-for-democases/second-wave-oc2/>

15. I have reviewed and understood the Democase Collaboration Agreement (DCA), and, if selected, I am willing to sign the DCA. *

- ☐ Yes

The DCA is the primary legal contract between the beneficiary and CLEANHYPRO. Please note that the published DCA template is a preliminary version which might still undergo minor changes before the first cut-off date. You can find the DCA in the Guidelines for Applicants.

ANNEX 2 – PROPOSAL TEMPLATE

Read carefully before preparing your proposal:

Please delete this page when submitting the proposal. Delete the guidance/ information text in yellow in each section and any footnotes.

Please use this template to prepare your proposal. It has been organised to ensure that the important aspects of your planned work are measured with respect to the evaluation criteria. Sections 1 to 4 of this template each correspond to an evaluation criterion (see Guidelines for Applicants for details).

*The structure of this template must be followed when preparing your proposal. **Applicants using another template/ document structure will be automatically disqualified.** Only those proposals that successfully address all the required aspects included in the template will be evaluated and possibly selected.*

*On the **Cover Page**, please include the following:*

- Title and acronym of your proposal,
- Selected service,
- Full legal name of the applicant(s) organisation(s) and country.

The page limit for the proposal (Sections 1 - 7) is 7 pages, meaning 1 page per section (i.e., this limit excludes the cover, instructions, and summary of the project pages). Consider the limits indicated below the title of each section (in yellow) as guidance to keep within the 5 -page limit. **Tables, figures, pictures, and maps are allowed and must be included within this page limit.**

The minimum font size allowed is 11 points (note: tables can use font size 10 points). The page size is A4, and all margins (top, bottom, left, right) should not be changed from their current setting. Paragraph spacing should be a minimum 0pt before/ after, and 1pt line spacing. Arial must be used as the font style (or Calibri, if Arial is incompatible with your system) and black as the font color to facilitate readability.

***Each section presents a page limit of 1 page**, so that the proposal is concise and focused, please comply with it. The proposal must be uploaded in PDF format.*

Please delete this page when submitting the proposal. Delete the guidance/ information text in yellow in each section and any footnotes.

*Please provide your submission in **English**.*

COVER PAGE

BASIC INFORMATION

Proposal identification	
Acronym	
Title	
Selected Service	

Entity information	
Full legal name	
Country	
Website	

PROPOSAL INFORMATION

EXCELLENCE

Objectives and ambition (One page limit): Briefly describe the objectives of your proposed work and to what extent they are ambitious compared to existing solutions; Describe the challenge to overcome, identify the need to be solved and quantify the social and economic impact; Describe the solution to be developed and the expected development to be made in collaboration with CLEANHYPRO

Description why you need the OITB services (One page limit): Refer to the services provided by the CLEANHYPRO Single-Entry Point (SEP) and how the services will help you reach the objectives.

Concept Innovativeness (One page limit): Please clearly present the innovation potential of your proposal, when compared to the existing technologies or solutions, and its key innovations.

IMPACT

Industrial relevance (One page limit): Describe the industrial relevance of your solution and how the project's results are expected to make a difference in terms of impact. Refer to the social/economic impacts of your solution.

TRL positioning (One page limit): Please describe the TRL positioning of your proposed solution and the change from current state (e.g. from a laboratory verified component – TRL4 – to demonstration in relevant environment – TRL6).

Commercialisation strategy (One page limit): Describe the market you are targeting, compared to other competitors. Refer to your value proposition and which problem you are solving within your targeted market. Describe the expected market penetration, sales channels to reach customers, and time to market.

IMPLEMENTATION AND APPLICANT(S) CAPACITY

Quality of the work plan, clear identification of the challenge, barriers and solutions, and pathway to develop a solution. The capacity of the applicant(s) to deliver the proposal is based on their proven experience (One page limit): Clearly describe and present your proposal work plan, aligned with the identified challenge, its respective barriers and how you will implement the work being proposed. Describe your/your team's core background and expertise and explain how it contributes to the development of your proposal.

ANNEX 3 – DEMOCASE AGREEMENT TEMPLATE (DCA)

.....place..... ,.....date...

Starting Date	dd/mm/yyyy
Termination Date	dd/mm/yyyy
Confidentiality Period	dd/mm/yyyy
Name of the project	...

DEMO-CASE coLLABORATION Agreement BETWEENcompany..... ANDdemo-case coordinator OITB member.....

BY AND BETWEEN:

From one side,company....., hereinafter referred to as “Demo-case Beneficiary”, a legal entity organised and existing under the laws ofCountry....., with its registered officeaddress....., and represented by itsposition..... Mr./Mrs.name.....

From the other,demo-case coordinator OITB member, hereinafter referred to as “Demo-case Coordinator”, a legal entity organised and existing under the laws ofCountry....., with its registered officeaddress....., and represented by itsposition..... Mr/Mrs.....name.....; The Parties recognise reciprocally enough legal capacity to formalise the present Collaboration Agreement.

This Agreement (‘the Demo-case Collaboration Agreement’) is between the following parties:

WHEREAS

1.company..... is a company ...**TO BE COMPLETED**....
2. The demo-case coordinator participates as Beneficiary in the Project entitled “CLEANHYPRO – Open Innovation Test Bed for Electrolysis Materials for Clean Hydrogen Production” (hereinafter, “CLEANHYPRO” or “the Project”), a HORIZON EUROPE Project under GRANT AGREEMENT NUMBER 101091777 coordinated by FUNDACION TECNALIA RESEARCH & INNOVATION (TEC) and involving also the following entities as OITB (Open Innovation Test Beds) Members (hereinafter, the “Project Partners CLEANHYPRO Members”):
 - a. FUNDACION TECNALIA RESEARCH & INNOVATION – ES
 - b. STAM SRL – IT
 - c. KIC INNOENERGY SE – NL

- d. COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES – FR
 - e. NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO – NL
 - f. TEKNOLOGIAN TUTKIMUSKESKUS VTT OY – FI
 - g. FUNDACIO INSTITUT DE RECERCA DE L'ENERGIA DE CATALUNYA – ES
 - h. FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV – DE
 - i. BUREAU VERITAS SOLUTIONS IBERIA SLU – ES
 - j. PNO INNOVATION UNIPESSOAL LDA – PT
 - i. CIAOTECH Srl – IT
 - k. CERAMIC POWDER TECHNOLOGY AS – NO
 - l. SAS 3DCERAM SINTO – FR
 - m. F6S NETWORK IRELAND LIMITED – IE
 - n. AGFA GEVAERT NV – BE
 - o. SPARKNANO BV – NL
 - p. BRANDENBURGISCHE TECHNISCHE UNIVERSITAT COTTBUS-SENFTENBERG – DE
 - q. ELCOGEN OY – FI
 - r. ENAPTER GMBH – DE
 - s. AKTSIASELTS ELCOGEN – EE
 - t. MONDRAGON ASSEMBLY SOCIEDAD COOPERATIVA – ES
 - u. VSPARTICLE BV – NL
 - v. INDUSTRIE DE NORA SPA-IDN – IT
 - w. H2GREENPLANET GMBH – DE
 - x. UMICORE AG & CO KG – DE
 - y. SPECIALTY OPERATIONS FRANCE – FR
 - i. SOLVAY SPECIALTY POLYMERS ITALY SPA – IT
 - ii. SYENSQO LABORATOIRE DU FUTUR SAS – FR
3. The CLEANHYPRO project gathers some of the most recognised experts in Europe on the electrolysis field for clean hydrogen production and acknowledged facilitators of technology transfer, corporate finance, funding and coaching, making available (i) the most promising and breakthrough manufacturing pilots and (ii) advanced characterization techniques and modelling together with (iii) non-technical services through this Test Bed: while relevant improvement metrics can be defined, the potential network of reachable stakeholders counts thousands of businesses on an international scale. Key facts are reported below. Within the scope of CLEANHYPRO, several circular innovative materials and key components, four main electrolysis technologies and geometries will be covered, providing for the first time a single entry point for industrial partners, mainly SMEs, aspiring to answer their concerns but with minimum investment costs and reduction of risks associated with technology transfer, while opening-up opportunities for demonstration of materials and components (TRL7) and thus faster opening the market for these new products. CLEANHYPRO stems from the consideration that the development of products based on key materials and components for electrolysis require access to finance and an optimised business planning, relying on a sound prior analysis of the market, of the economic impacts and capacity of a company. The project aims at developing and organizing a sustainable Open Innovation Test Bed

(OITB) for electrolysis materials and components for different applications. The OITB will also offer a network of facilities and services through a Single Entry Point (SEP) to companies.

4. To achieve the abovementioned objective, CLEANHYPRO has issued a call for demo-cases to select the most promising projects and help them to develop or improve their potential.
5. The project*project name*....., (hereinafter, the “Demo-case”), submitted by the Demo-case Beneficiary has been selected to receive support from CLEANHYPRO project in the 1st/2nd Demo-case Call issued on(date)....
6. The Demo-case Beneficiary and the Demo-case Coordinator, hereinafter referred to as the “Parties”, occasionally referred as “Party”, agree to hold the present Collaboration Agreement, hereinafter referred to as the “Agreement”, subject to the following,

CLAUSES

1. DEFINITIONS.

1.1. Definitions

Words beginning with a capital letter shall have the meaning defined herein.

1.2. Additional Definitions

- “Exploitation” or “Exploit”

Exploitation or Exploit means the use of Results in further research activities other than those covered by the Action concerned, or in developing, creating, and marketing a product or process, or in creating and providing a service, or in standardisation activities.

- “Fair and Reasonable conditions”

Fair and Reasonable conditions mean appropriate conditions, including possible financial terms or royalty-free conditions, taking into account the specific circumstances of the request for access, for example the actual or potential value of the Results or Background to which access is requested and/or the scope, duration or other characteristics of the exploitation envisaged.

With respect to Parties which are Research Organisations, considering their specific positioning, “appropriate conditions” necessarily means a financial compensation in case of direct or indirect industrial or commercial exploitation.

- “Needed”

For the implementation of the Project: Access Rights are Needed if, without the grant of such Access Rights, carrying out the tasks assigned to the recipient Party would be technically or legally impossible, significantly delayed, or require significant additional financial or human resources.

For Exploitation of own Results: Access Rights are Needed if, without the grant of such Access Rights, the Exploitation of own Results would be technically or legally impossible.

- “Research Organisation”

Research organisation means a legal entity that is established as a non-profit organisation and whose main objectives is carrying out research or technological development.

- “Access Rights”

Access Rights means rights to use Results or Background in accordance with the stipulations of this Demo-case Collaboration Agreement.

- “Background”

Background means any and all, data, information, know-how– whatever its form or nature (tangible or intangible), including any rights such as intellectual property rights – listed in [Annex 4 – Service Delivery Plan \(SDP\)](#) – that is Needed to implement the Demo-case project or exploit the Results and that is: owned or controlled by a Party of this Agreement prior to the date of signature of this Agreement; or developed or acquired by a Party independently from the work in the Demo-case project even if in parallel with the performance of the Demo-case project, but solely to the extent that such data, information, know-how and/or intellectual property rights are introduced into the Demo-case Project by the owning Party;

- “Results”

Results means any tangible or intangible output of the action, such as data, knowledge or information, that is generated in the action, whatever its form or nature, whether or not it can be protected, as well as any rights attached to it, including intellectual property rights.

2. PURPOSE.

The purpose of this Agreement is to establish the terms and conditions of the collaboration between the Parties in the frame of the Demo-case Project.

2. SCOPE AND DURATION.

2.1. The Parties shall cooperate and do their best effort to carry out the activities detailed in [Annex 1 – Service Delivery Plan \(SDP\)](#) ⁵to the present Agreement.

2.2. The start date and duration of the Demo-case Project are established in the Service Delivery Plan and may be extended, maintaining the commitments provided by the Project, by the mutual agreement of the Parties.

3. OBLIGATIONS OF THE PARTIES.

3.1. The Demo-case Coordinator will be responsible managing the demo-case, including the following activities:

- Perform the actions identified in the Annex 1 and contribute to the achievement of the specified objectives.
- Coordinate the Demo-case Project together with the Demo-case Beneficiary and other collaborating Project Partners CLEANHYPRO Members.
- Communicate with the user and be the first point of contact for the user.
- Working with the user and other members of CLEANHYPRO to co-develop the Access Service Delivery Plan via WP5.

⁵ Note that Annex 1 of the Demo-case Agreement corresponds to Annex 4 of this document.

- Effectively address any issues, concerns or enquires raised by the user.
- Co-ordinate the delivery of the service in alignment with the Service Delivery Plan.
- Monitoring technical progress.
- Maintaining a log of key issues, risks and actions; and proactively review, follow-up and resolve issues.
- Track actual cost of the service, gathering effort and costs data from Partners engaged in the demo-cases.
- Provide an internal technical report with progress, issues, risks and actual costs incurred.
- Maintain a log of new knowledge and know-how created for the demo-cases.
- Organise and chair any workshops and meetings with the user during service delivery. This will include knowledge transfer workshops between the user and the appropriate members of CLEANHYPRO.

3.2. The Demo-case Beneficiary will do its best endeavour to:

- Duly contribute to performing the actions, providing the resources as identified in Annex 1.
- Timely communicate to the Demo-case Coordinator any issue or circumstances that may hinder the correct execution of the activities and the achievement of the objectives described in Annex 1.
- Submit two reports within the 6 months project duration:
 - An interim report to provide a summary of progress made against the Access to Service Plan, as well as the key achievements.
 - A final report to be provided within 1 month after the end date of the project including all the achievements.
- Other specific obligations related to the Demo-case Project that Parties may agree.

4. EFFORTS AND PAYMENTS.

4.1. Annex 1 includes an estimation of the cost of the Demo-case project however, parties hereby agree that there shall be no payment required by the Demo-case Beneficiary.

4.2. The overall effort provided collectively by the Demo-case Coordinator and, if this is the case, the collaborating Project Partner(s) CLEANHYPRO Member(s) shall be limited to ... person/month (or equivalent value). It is understood that a collaborating Project Partner CLEANHYPRO Member is responsible for its own activities relating to the Demo-case project.

5. NON-DISCLOSURE OF INFORMATION.

5.1. For the purpose of this Agreement, the term "Confidential Information" shall mean any and all information or data and includes, by way of example, but without limitation, know-how, formulae, processes, tests results, designs, sketches, photographs, plans, drawings, specifications, samples, reports, customers lists, personal data, pricing information, studies, findings, inventions and ideas, classified as such by one Party (the "Disclosing Party") and disclosed to the other Party (the "Receiving Party") by various means. The disclosure of

Confidential Information may be done in writing or orally and/or by means of the delivery of samples, equipment, models, visually or otherwise by means of magnetic support, multi-media and/or photos. For the avoidance of doubt, the results obtained from the activities of the Demo-case Project shall be considered Confidential Information, except for the public summary results specifically identified in the workplan jointly produced and agreed, considered in point 8. DISSEMINATION.

5.2. In order to identify the Information as confidential, the Disclosing Party shall mark or label the support or draw and address a notice to the Receiving Party specifying the confidential aspect of the Information. In the event the Confidential Information is disclosed orally, the Disclosing Party shall forthwith inform the Receiving Party at the time of disclosure of the confidential nature of the information disclosed and shall confirm and designate in writing as confidential information within 30 days following the disclosing date.

5.3. The Receiving Party shall in particular:

- a) protect and keep strictly confidential any part of/or the whole of any Confidential Information and shall treat and use the Confidential Information with the same degree of care as it applies to its own proprietary information, but in no case with less than reasonable care;
- b) protect any part of/or the whole of the Confidential Information from disclosure to anyone other than its employees who have a need to know and inform them of the confidentiality attached to such Information;
- c) not disclose, copy, duplicate totally or partially, unless extremely necessary for justified purpose, under any circumstances, whether intentionally, inadvertently, or otherwise, the Confidential Information without the prior written consent of the Disclosing Party, provided that all copies shall contain the same proprietary and confidential notices and legends as appear on the original Confidential Information.
- d) use of the Confidential Information by the Receiving Party shall be strictly limited to the carrying out of the Demo-case Project.
- e) not to reverse-compile, reverse-assemble or reverse-engineer Confidential Information or any part thereof.

5.4. The Receiving Party shall have no obligation with respect to any information for which they can give the evidence that such information:

- a. is or becomes known to the public before the disclosure or thereafter through no wrongful act of the Receiving Party; or
- b. is already known by the Receiving Party; or
- c. is received from a third party with no wrongful act of the Receiving Party; or
- d. is independently developed by the receiving Party provided that the Receiving Party can demonstrate that such development was carried independently without access to Confidential Information; or
- e. is disclosed with the prior written approval of the disclosing Party; or
- f. is disclosed pursuant to law, regulation or lawful order or process. In the event Receiving Party is subject to such law, regulation, order or process, Receiving Party will timely notify the Disclosing Party of the disclosure requirement in advance of the disclosure so as to permit the Disclosing Party oppose or limit such disclosure.

5.5. The confidentiality obligations under this Demo-Case Collaboration Agreement shall not prevent the communication of Confidential Information to the Funding Authority of the CLEANHYPRO Project and/or Project Partners CLEANHYPRO Members.

5.6. The confidentiality obligations contained in this section shall remain binding upon the Parties for four (4) years after the date of termination of the Demo-case Project.

5.7. Upon written demand by the Disclosing Party at any time, the Receiving Party shall return all Information received or generated in the frame of the Demo-case Project, including all copies in its possession or in possession of its employees or assistants and all documents, notes, programmes embodying information transmitted by the Disclosing Party or based on it. The Receiving Party shall confirm in writing that no copy is retained or that the retained information has been destroyed or erased.

5.8. When the Demo-case Project involves access by the Parties to personal data, the Parties shall be regarded as responsible for treatment of said data and shall comply with that laid down in the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, as well as any other applicable national regulations currently in force or introduced in the future to modify and/or replace it.

6. INDUSTRIAL AND INTELLECTUAL PROPERTY RIGHTS.

6.1. The results obtained from the Demo-case Project activities shall be owned by the Party that has produced them.

6.2. In case there are results that are developed jointly, then a separate written agreement shall be concluded among the Parties.

7. ACCESS RIGHTS.

7.1. In Annex 1 (SDP), the Parties have identified and agreed on the Background for the Activity and have also, where relevant, informed each other that Access to specific Background is subject to legal restrictions or limits. Any Party may add further Background to Annex 1 during the Demo-case project by written notice to the other Parties. Anything not identified in Annex 1 shall not be the object of Access Right obligations regarding Background.

7.2. Each Party shall implement its tasks in accordance with the Service Delivery Plan and shall bear sole responsibility for ensuring that its acts within the Demo-case project do not knowingly infringe third party property rights.

7.3. Any Access Rights granted expressly exclude any rights to sublicense unless expressly stated or agreed otherwise.

7.4. Access Rights shall be free of any administrative transfer costs.

7.5. Access Rights are granted to and by Parties on a non-exclusive basis, if not otherwise agreed in writing by all Parties.

7.6. Results and Background shall be used only for the purposes for which Access Rights to it have been granted.

7.7 All requests for Access Rights shall be made in writing. The granting of Access Rights may be made conditional on the acceptance of specific conditions aimed at ensuring that these rights will be used only for the intended purpose and that appropriate confidentiality obligations are in place. The requesting Party must show that the Access Rights are Needed.

7.8. Access Rights to Results and Background Needed for the performance of the own work of a Party under the Demo-case project shall be granted on a royalty-free basis, unless otherwise agreed for Background in Annex 1.

7.9 Access Rights to Results if Needed for Exploitation of a Party's own Results shall be granted on Fair and Reasonable conditions. Scientific research and teaching activities by a knowledge institute are not considered Exploitation and such Access Rights shall be granted free of charge.

7.10 A third party shall not be granted direct Access to Results generated by other Parties unless those Parties explicitly agree to it.

7.11 Access Rights to Background if Needed for Exploitation of a Party's own Results, including for research on behalf of a third party, shall be granted on Fair and Reasonable conditions.

7.12 A request for Access Rights may be made up to two years after the end of the Project or after the termination of the requesting Party's participation in the Project.

7.13 Access Rights will be granted to CLEANHYPRO partners participating in the Demo-case, regardless of whether they sign the Demo-case Collaboration Agreement, if they have an active role within the Demo-case. The Demo-case Beneficiary may choose to limit the information provided on a "need-to-know" basis.

8. DISSEMINATION.

8.1. Parties shall produce the following deliverables in the frame of the Demo-case:

Deliverable Title	Leader	Dissemination. Level
Catalogue of demonstration parts*	Demo-Case Beneficiary	PU
Evaluation and validation report	Demo-case Coordinator	CO
Project plan	Demo-case Coordinator	Tecnalia
Technical report	Demo-case Coordinator	Tecnalia

Dissemination Level abbreviations shall mean:

CO: Confidential, only for members of the consortium (including the Commission Services)

PU: Public

Tecnalia: As WP4 leader of the CLEANHYPRO project, for verification purposes only (including the Commission Services)

The deliverable “Catalogue of demonstration parts” refers to the public summary described in section 8.2.

The deliverable “Evaluation and validation report” may be shared with Project Partners CLEANHYPRO Members according to the designated Dissemination Level and such dissemination shall not be subject to the confidentiality obligations of clause 5.

For the Technical Report, the first version will be made halfway through the project, and a final version at the end of the project.

8.2. Parties shall jointly produce a public summary of the work carried out in the frame of the Demo-case Project in the form of a simple and attractive publication (two to four pages at maximum), that will be published on the CLEANHYPRO platforms and that will be distributed in relevant events.

8.3. The terms and conditions of the dissemination of the Demo-case Project results shall be agreed by the Parties on a case-by-case basis.

8.4. Nothing in this Agreement shall be construed as conferring rights to use in advertising, publicity or otherwise the name of the Parties or any of their logos or trademarks without their prior written approval.

9. LIABILITY.

9.1. No Party shall be responsible to the other Party for indirect or consequential loss or similar damage such as, but not limited to, loss of profit, loss of revenue or loss of contracts.

9.2. The Demo-case Beneficiary shall be liable for all the damages caused to Demo-case Coordinator or to third parties as consequence of the carrying out of its activities in the frame of the Demo-case Project.

9.3. The Demo-case Beneficiary shall be responsible for the technical quality of the work carried out in the Demo-case Project, as well as of the consequences towards third parties due to omissions, errors, inappropriate methods or erroneous conclusions incurred in the development of the activities of the Demo-case Project.

9.4 The Demo-case Coordinator shall not be liable towards the Demo-case beneficiary for any consequences of fulfilling its obligations towards the Project Partners CLEANHYPRO Members and the Funding Authority.

10. TERMINATION.

10.1. This Agreement shall terminate for any of the following causes:

- a. Termination by mutual agreement. The Parties may mutually terminate this Agreement.
- b. Termination due to non-compliance. The Demo-case Coordinator shall terminate this Agreement in case of any breach by the Demo-case Beneficiary of the terms and conditions contained therein. The Demo-case Beneficiary will have a period of fifteen (15) days to try and remedy such situation. If the Demo-case Beneficiary fails to do so, the Demo-case Coordinator shall be entitled to reimbursement from the Demo-case Beneficiary for all damage caused by the non-compliance of the Agreement. Additionally, the Demo-case Coordinator reserves the right to exercise the respective actions and claims for damages.
- c. Termination due to force majeure. They are understood as such those that are beyond control of the Parties, and that are not due to faults or negligence from any of them.
- d. Termination of the Contract of the CLEANHYPRO Project. This Agreement shall automatically terminate if the Grant Agreement of the CLEANHYPRO Project, signed with the European Commission terminates. In this case, the Demo-case-Coordinator shall not pay the Demo-case Beneficiary any compensation.

11. APPLICABLE LAW, DISPUTES AND COURTS.

11.1. This Agreement shall be construed in accordance with and governed by the laws of Belgium excluding its conflict of law provisions.

11.2. The Parties agree to settle amicably any disputes arising regarding the validity, construal, performance under and termination hereof. Should it not be possible to reach agreement in such a manner, any disputes that arise between parties in connection with this Agreement or any ensuing agreement shall be submitted to Courts of Brussels, Belgium.

Consequently, the Parties expressly agree to confer, at the request of one or the other Party, to define via signed steering committee minutes any eventual change to the program (such as to schedule, dates, list of deliverables, costs) that may be needed given the exceptional circumstances experienced in the execution of the program.

Done and signed in the above-mentioned place and date in two original copies, one for each Party to this Agreement.

ForDemo-case Beneficiary.....,

For Demo-case Coordinator.....,

Mr./Mrs.:
Position:

Mr./Mrs.:
Position:

ANNEX 4 – ACCESS SERVICE DELIVERY PLAN (SDP)

The SDP is a tailored service proposal meeting specifically the requirements of one user. The SDP is a commercial offer developed by the service delivery manager by analysing the problems stated by the user and proposing a solution using the service catalogue and based on the integrated capabilities of OITB service providers. The SDP will be an Annex to the collaboration Agreement (DCA) signed between the OITB user (the customer) and the OITB member acting as coordinator for the Democase (the main contractor).

Democase data

Project name:	
Start date:	End date:
Democase Beneficiary Information	
Democase Beneficiary company name:	
Contact name:	Contact email:
Involved OITB members	
OITB Coordinator:	
Coord. Contact name:	Coord. Contact email:
OITB Member Collaborator 1:	
Contact name:	Contact email:
OITB Member Collaborator 2:	
Contact name:	Contact email:

HAS AGREED TO THE SDP: *Receipt date and e-mail.*

Problem statement and project objectives

Briefly explain the motivations for the project in terms of the problem being addressed and the objectives that will be achieved during the project.

Workplan

The workplan includes the description of the services to be provided, structured as a set of activities and results that may include references to the services in the service catalogue. NB: All Democases must include a public result or demonstrator (which must be explained through a public presentation and/or video) describing the project, stating the collaboration with CLEANHYPRO OITB members and explaining the impact of the project in technological and business terms.

Activity:	Start date:	End date:
Leader (OITB Member):		
Participants (OITB Members):		
Activity description		
<i>May include references to services in the service catalogue</i>		
Results		
<i>Identify each result as confidential or public.</i>		

Activity:	Start date:	End date:
Leader (OITB Member):		
Participants (OITB Members):		
Activity description		
<i>May include references to services in the service catalogue</i>		
Results		
<i>Identify each result as confidential or public.</i>		

Activity:	Start date:	End date:
Leader (OITB Member):		

Participants (OITB Members):
Activity description
<i>May include references to services in the service catalogue</i>
Results
<i>Identify each result as confidential or public.</i>

Resources and background

Includes a description of resources involved from each involved service provider required to perform the services. For each service provider taking part in the delivery include a specification of personnel, efforts, facilities (labs, pilot lines, infrastructures, etc.) and other resources.

Background
<i>Identify access rights to specific background that is required to perform the Democase project.</i>

IMPORTANT: The resources necessary from the Democase beneficiary must also be included in this section.

Estimated Costs

Include an economic valuation of the overall service (in euros). This valuation is obtained as the addition of the valuation of the Democase Coordinator plus the valuations of each of the Collaborating OITB members

Impact and future plans

Explain the expected impact in technological and business terms.

Describe future plans after the Democase is concluded.

