



**International Cooperation Agreement
for the project**

No. TQ26000122 / RS-2025-25457639

**Development of a safety assessment and hazard classification
framework for metal hydrides for hydrogen storage**

(hereinafter „Project“) – Sigma Programme

Article 1

Parties of the agreement

Czech Republic

1. Coordinator: **IHAS s.r.o.**
Address: Borovského 262/98, 734 01 Karviná-Ráj, Czech Republic
Represented by: Ing. Jan Kornas, General Manager
ID number: 26824922
VAT ID number: CZ26824922

Hereinafter referred to as “Coordinator – CZ”

2. Participant 1: **VSB – Technical University of Ostrava**
Address: 17. listopadu 2172/15, 708 00 Ostrava – Poruba, Czech Republic
Represented by: prof. Ing. Igor Ivan, Ph.D., Rector
ID number: 619 89 100
VAT ID number: CZ61989100

Hereinafter referred to as “Participant 1 – CZ”

Republic of Korea

1. Coordinator: **Wonil T&I**
Address: 150 Hwanggeum 1-ro, Gyeonggi-do 10047, Republic of Korea
Represented by: Jung-been Lee, CEO
ID number: 133-81-37918
VAT ID number: 133-81-37918

Hereinafter referred to as “Coordinator – KO”

2. Participant 1: **Korea Institute of Science and Technology (KIST)**
Address: Hwarang-ro 14-gil 5, Seongbuk-gu, Seoul 02792, Republic of Korea
Represented by: Suk Woo Nam, Director-General / KIST Clean Hydrogen Institute
ID number: 209-82-03522
VAT ID number: 209-82-03522

Hereinafter referred to as “Participant 1 – KO”

(Individually a "Party" and collectively the "Parties")

Article 2

Subject of the cooperation agreement

1. This Agreement shall govern relations between the Parties, and their respective rights and obligations with regard to their participation in the project no. No. TQ2600122 / RS-2025-25457639 under the title "*Development of a safety assessment and hazard classification framework for metal hydrides for hydrogen storage*" (hereinafter as the "Project") which was approved for co-financing by the Technology Agency of the Czech Republic (hereinafter TACR) in the frame of the Sigma Programme - for the Parties from the Czech Republic, and by the Korea Institute of Energy Technology Evaluation and Planning (KETEP) - for the Parties from Korea.
2. The outcome of the proposed project will address the critical need for establishing safety standards for metal hydride materials, which are vital for their safe handling, storage, and use in hydrogen energy systems. It will fill current gaps in quantitative risk assessment, facilitate the creation of tailored, application-specific hydride products, and promote the industry-wide adoption of safer hydrogen storage technologies. The project results will be implemented in the commercial sector by enabling the participating company to produce and supply metal hydride products designed to meet specific safety requirements based on quantified hazard data. Additionally, the outcomes will lay the groundwork for further research and development on advanced hydride materials, guiding the development of safer, application-specific storage systems and supporting compliance with both domestic and international safety standards.
3. The Czech project period is 36 months, running from 01/01/2026 to 31/12/2028. The Korean project period runs from 01/12/2025 to 30/11/2028.
4. The Parties shall carry out the Project and their respective tasks under the Project in accordance with the conditions set by the providers of the financial support (TACR and KETEP) with whom the Parties are obliged to sign a contract.

Article 3

Plan of activities

1. The Parties are hereby committing to perform activities in compliance with the Project & Schedule description set in the Common Proposal which was an integral part of the approved project proposal.
2. Detailed division of works and activities among the Parties, including project outputs, is specified in Annex 1 – Project schedule.
3. Parties undertake to make all necessary efforts to fulfil the purpose, goal and result of the project stated in Article II of the Contract. Failure to achieve the purpose, goal and result of the project referred to in Article II of the Treaty can only be justified by the fulfilment of circumstances generally recognized and defined as force majeure.

Article 4

Intellectual property rights

1. Any patents, copyrights, trade secret, trademark and other intellectual properties existing prior to the Project (hereinafter "Background IP") shall belong to the party that owned such rights prior to the project. All Parties agree that nothing in this Agreement shall be construed to grant either Party

any license with respect to the other's Background IP.

2. Excluding each Parties' Background IP, Contract parties agreed that future intellectual property created by fulfilling tasks within the Project (hereinafter "Foreground IP") shall belong to the Party whose employees created such Foreground IP.
3. Any Foreground IP generated jointly by two or more Parties, including through financial, material, technical, or human resource contributions, shall vest jointly in the contributing Parties.
4. The specific terms and conditions regarding the protection, management, and exploitation of jointly owned Foreground IP shall be agreed upon in a separate written agreement among the contributing Parties.
5. Any commercialization, assignment, or licensing of a Party's Background IP or Foreground IP (whether solely or jointly owned) beyond the scope of the Project shall be subject to a separate written agreement between the concerned Parties.

Article 5

Confidentiality

1. All information related to the solution of the project and the results of the project are considered confidential, except for information provided to the Information System of research, experimental development and innovation or information that the providers of the financial support (TACR, KETEP) are obliged to provide to other state administration bodies, judicial authorities, or authorities active in criminal proceedings.
2. The Parties shall ensure the confidentiality of all confidential information and, if it has been transferred to a third party under the Agreement, shall ensure that such third parties maintain the confidentiality of such information provided to them as confidential and use it only for the purposes for which they were handed over.
3. The Parties agree that scientific publications, registered as Project outputs, will be released from the obligation to maintain confidentiality, if the included information does not endanger other outputs' intellectual property rights registration. Mutual agreement on the included content within the publication must be met.
4. The parties are released from the obligation to maintain confidentiality,
 - a) if the content of the information provided to them as confidential becomes publicly accessible, based on other activities, even carried out outside the scope of the Agreement or based on measures not related to the solution of the project, or
 - b) if the requirement to maintain confidentiality has been revoked by those for whose benefit this obligation was established.

Article 6

Other clauses

1. If dissemination of knowledge does not adversely affect its protection or use and subject to legitimate interests, the Parties shall ensure further dissemination of their own knowledge as provided under this Agreement.

Article 7

Final clauses

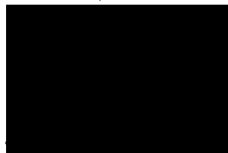
1. The Parties are aware that they are not eligible to hand over rights and duties according to this contract to any third person without previous written consent of all other contract parties.
2. The Parties from the Czech Republic are not responsible in any case for handling or on the contrary inactivity of the Parties from Korea and for results of the project phases solved by them. The parties from Korea are not responsible in any case for handling or on the contrary inactivity of the Parties from the Czech Republic and for results of the project phases solved by them. In case of dispute between the Parties from the Czech Republic and Korea, the relevant Parties will effort to its solution by negotiations with target to reach consensus. If the consensus will not be reached by 3 months from dispute appearance at the latest, eventually if the negotiations for solution of the dispute will not be commenced within this time, the dispute will be solved by three appointed arbitrators with English language under the jurisdiction of International Court of Arbitration in a third country, the final decision of which the Parties are binding themselves to respect.
3. It is possible to change the Agreement only by written amendments signed by all Parties.
4. The Agreement is concluded for terminated period – for the period approved by providers of the financial support (TACR and KETEP) for solution of the Project.
5. The Agreement shall be executed in four (4) originals, always one for each of the Parties. The Agreement may also be executed electronically in one counterpart, which shall be made available to all contracting parties. The electronic version will be forwarded to TACR via the data box of the Coordinator – CZ.
6. The contracting parties agree to the publication of the full text of this Agreement in the register of contracts in accordance with Act No. 340/2015 Coll., on special conditions for the effectiveness of certain contracts, publication of these contracts and on the register of contracts (Act on the Register of Contracts) in the Czech Republic. Publication of the Agreement through the register of contracts will be ensured by the Participant 1 - CZ.
7. The Parties are declaring that this Agreement is expression of their right and free will and is not concluded in strait and disadvantageous conditions. For testimony of that they are adding their signatures.

Signature sheets

In Prague on

Coordinator - CZ

IHAS s.r.o.



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Ing. Jan Kornas, General Manager

Project title: Development of a safety assessment and hazard classification framework for metal hydrides for hydrogen storage

Project number: No. TQ26000122 / RS-2025-25457639

In Ostrava on 26.02.2025

Participant 1 – CZ
VSB – Technical University of Ostrava

[REDACTED]
prof. Ing. Igor Ivan, Ph.D., Rector

[REDACTED] [REDACTED]
Project title: Development of a safety assessment and hazard classification framework for metal hydrides for hydrogen storage

Project number: No. TQ26000122 / RS-2025-25457639

In Gyeonggi on 09. 02. 2026

Coordinator - KO
Wonil T&I



Jang-been Lee, CEO

Project title: Development of a safety assessment and hazard classification framework for metal hydrides for hydrogen storage

Project number: No. TQ26000122 / RS-2025-25457639

In Seoul on 27.02.2026

Participant 1 – KO
Korea Institute of Science and Technology (KIST)



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Suk Woo Nam, Director-General / KIST Clean Hydrogen Institute

Project title: Development of a safety assessment and hazard classification framework for metal hydrides for hydrogen storage

Project number: No. TQ26000122 / RS-2025-25457639