

Consortium Update - Adapting to Support Project Implementation Better

Bilbao, Spain — 30 Oct 2026

Starting from mid of 2026, the consortium is adjusting its composition and responsibilities to support the development and validation of APOLO's innovative power conversion technologies for maritime applications. Three new partners Honeywell CT from UK, 1CUBE SL and CNH2 from Spain will be joining APOLO family for various developmental and exploitation activities in the project.

As a result of the separation of **Johnson Matthey**'s catalyst technologies activities into **Honeywell CT UK Ltd**, a subsidiary of Honeywell Technologies, the team responsible for ammonia cracking catalyst development will continue this work within Honeywell. Johnson Matthey will continue the development of ammonia sorbent materials required to achieve high-purity hydrogen for fuel cells in Prototype 1, and aftertreatment catalysts to reduce NO_x emissions from the engine in Prototype 2.

1CUBE SL will be leading APOLO's business development activities. Its role will translate the project's technological results into viable, scalable business models and clear pathways to commercialisation. Working closely with consortium partners, 1CUBE SL will refine these models as project results become available and develop a go-to-market roadmap to support the market uptake and exploitation of APOLO solutions.

The third partner, **the Centro Nacional del Hidrógeno** (**CNH2**) has joined APOLO to contribute its expertise in testing and validation of the APOLO prototype 1 taking advantage of their experience in Hydrogen research. Their involvement will be beneficial for the consortium to assess the performance of the technologies developed in the project.

These changes will cater to APOLO's evolving needs as it moves closer to the testing and validation phase of the developing technologies.

By aligning responsibilities with the expertise required for the next stages, the project is better positioned to advance its technical work and explore the exploitation potential of its results.

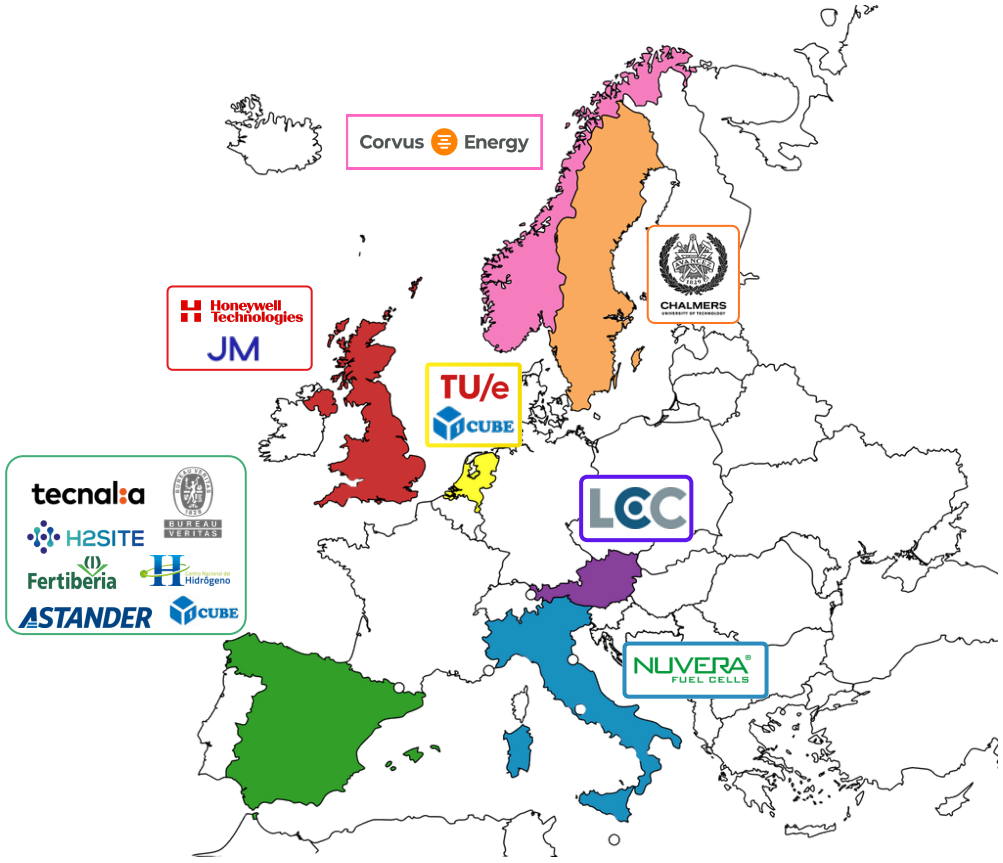
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Project number: 101138466
Call: HORIZON-CL5-2023-D5-01
Topic: HORIZON-CL5-2023-D5-01-11
EU funding: € 7,511,266.25
Starting date: January 1st 2024
Duration: 48 months

APOLO

The APOLO partnership continues to bring together expertise from across Europe, showing the consortium's European network and its continued commitment to develope flexible and efficient ammonia-based power conversion technologies for more sustainable shipping.



About APOLO

APOLO (Advanced POwer conversion technoLogies based on Onboard ammonia cracking through novel membrane reactors) is a 4 year EU-funded initiative to develop and demonstrate scalable ammonia cracking and power conversion technologies to decarbonise the maritime sector. The consortium includes research institutions and industry leaders collaborating to unlock ammonia's potential as a clean marine fuel.

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