

Partner Search – Horizon Europe

Topic(s) that you are interested in

Novel solutions for off-grid storage of renewable energy for critical infrastructures

Deadline of the topic(s)

31 March 2026 17:00:00 Brussels time

Expected role in the project

- Coordinator
 Partner

Quick description of your concept

Managing complex multi-technology off-grid energy systems — hydrogen, batteries, solar, biogas – is challenging, as we have learnt from the 30+ commercial projects we have successfully delivered to date. The transition from fossil-based backup solutions isn't a like-for-like swap — it's a fundamental shift from managing single assets to orchestrating integrated energy systems. Operators managing these assets and supply chains are stuck with legacy point solutions, spreadsheets and phone calls. Moreover, supply chain is nascent with little redundancy, and fuel/assets are expensive, making these systems risky and costly to run. Our technology platform manages multiple renewable technologies to ensure the reliable and efficient functionality of off-grid energy systems by monitoring and analysing usage, predicting demand, modelling scenarios and digitally connecting the supply chains.

Description of the expertise requested/proposed (up to 10 lines)

Our core offering is a hardware and software technology platform: It tracks individual assets, orchestrate how hydrogen, BESS, solar, and clean fuels work together as a unified system. The AI-enabled platform drives optimisation of system-level energy resilience, supply chain efficiency, and financial performance across every technology type simultaneously.

Organisation information

Organisation name and country:
Hydrologiq (UK)

Type of organisation:

Enterprise SME Academic Research institute Public Body Other:

Has your organisation previously participated in a proposal for Horizon 2020 or Horizon Europe?

Yes No

Web address:

<https://www.hydrologiq.com/>

Quick overview of your organisation:

The Hydrologiq team collectively has over 80 years of deep sector experience in hydrogen, batteries, solar and rental markets. With Hydrologiq driving cutting edge clean energy deployments since 2022. As a result Logiq has been tried and tested on 30+ commercial deployments, powered many world firsts, and accumulated over 3,000 operational hours with blue-chip customers including Toyota (3-year enterprise contract), leading hydrogen provider Protium (1-year enterprise contract), Acciona, JCB and more.