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3 minutes of reading



Events

Innovation and Industry

Renewable energies

Hydrogen



**13 - 14 November 2025**

**Lieu : [Pullman Paris Bercy](#)**

IFPEN will take part in the H-NAT 2025 World Summit, held on November 13–14 in Paris. This major event will bring together key industry players, leading researchers, policymakers, and technology providers to discuss the latest advances, explore innovations, and build strategic partnerships. The summit will highlight France's central role in natural hydrogen research and development, while showcasing the opportunities offered by this rapidly expanding sector — particularly in industry, transport, and energy production.

As an event sponsor, IFPEN invites participants to visit its booth, where its experts will be available to discuss the innovations and solutions developed by its teams.

Visitors will be able to discover IFPEN's work on identifying natural hydrogen sources, assessing development opportunities, understanding the underlying mechanisms, and quantifying potential. These studies rely on experimental methods such as field sampling campaigns, gas analyses, geochemical and geological investigations, microbial activity tests related to hydrogen, and fluid flow experiments in porous media. IFPEN also uses modeling tools at both basin and reservoir scales.

Luc Grandcolas, PhD student in IFPEN's Earth and Subsurface Sciences Department, will present his research entitled:

“Natural Hydrogen Potential in the Perth Basin, Western Australia: Deep Aquifer Sampling and 2D Migration Modeling”

on November 13, from 4:45 to 5:00 p.m

**Key takeaway:**

IFPEN is a member of the European Earth2 initiative, led by the Avenia cluster, which brings together European stakeholders in natural hydrogen and underground storage to accelerate the development of these two subsurface hydrogen pillars essential to the energy transition.

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[Expert advice: natural hydrogen](#)

[The origins of natural hydrogen emissions deep within our continents: the veil is lifted](#)

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