



Press Release  
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## **Storengy and IFP Energies nouvelles renew their research and development partnership**

**Storengy and IFP Energies nouvelles (IFPEN), through its IFPEN Ressources Energétiques Carnot Institute programme, have renewed their partnership, following on from the initial framework agreement signed three years ago aiming at developing collaborative research and innovation in the field of energy transition.**

This partnership relies on the two companies' complementary expertise and skills - notably in geosciences, digital technologies, physical chemistry and mechanics - in order to accelerate the implementation of industrial projects.

The areas of application concerned by the agreement are:

- energy storage;
- geothermal energy;
- hydrogen;
- digital transformation;
- digital tools.

### **Review of the first partnership**

As part of the first framework agreement (2018-2021), significant research was carried out on water filtration in geothermal energy, the conversion of gas wells for hydrogen storage, hydrogen thermodynamics, the development of calculation and optimisation tools adapted to new energies, and the definition and development of digital learning models devoted to predictive maintenance of the assets.

Drawing on this experience, Storengy and IFPEN will continue to develop innovative technologies for clean energy production and storage.

*"We are delighted to be continuing our collaboration with Storengy, which is an acknowledged player in the sectors of renewable-gas storage and development, as well as new energy solutions. Partnerships with industry are at the heart of IFPEN's DNA. They allow us to promote our research and ensure our work remains relevant to the needs of the market,"* says Pierre-Franck Chevet, CEO of IFPEN.

*"Storengy is extremely happy to be renewing this partnership with IFPEN. It provides a fantastic opportunity for joint research and development projects, with a view to proposing*

*concrete, innovative and reproducible solutions that will contribute to a carbon-neutral economy,"* says Camille Bonenfant-Jeanneney, Executive Chairman of Storengy.

#### **About Storengy**

Storengy, a subsidiary of ENGIE, is one of the world leaders in underground natural gas storage. With 70 years of experience, Storengy designs, develops and operates storage facilities and offers its customers innovative products. The company has 21 natural gas storage sites with a total capacity of 136 TWh in France, Germany and the UK. Storengy is now a key player in the development of geothermal energy (heat or cold production and electricity generation) and innovative solutions for the production and storage of renewable gases (biomethane, hydrogen, and synthetic methane). [www.storengy.com](http://www.storengy.com)

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#### **About IFP Energies nouvelles**

IFP Energies nouvelles (IFPEN) is a major research and training player in the fields of energy, transport and the environment. From scientific concepts in fundamental research to technological solutions in applied research, the Institute's activities revolve around innovation, based on four key priorities: climate, the environment and the circular economy; renewable energies; sustainable mobility; responsible oil and gas. [www.ifpen.fr](http://www.ifpen.fr)



#### **About IFPEN Ressources Énergétiques Carnot Institute**

Accredited in 2020, the IFPEN Ressources Énergétiques Carnot Institute groups together 14 laboratories of IFP Energies nouvelles. Its mission is to address the challenges of the energy transition. Drawing on the potential provided by digital technologies, in particular, its research focuses on developing innovations as part of industrial partnerships. Its key goals are to develop competitive renewable energies and minimise the impact of industrial activities on the climate, while ensuring that the fossil fuels that are strictly necessary during the transition period are produced in a more environmentally-friendly manner.

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