

How many French start-ups are working on small modular reactors?

Six French start-ups get to work on projects involving the construction of small innovative nuclear reactor projects, known as Small Modular Reactors (SMR). So reports the Dutch embassy in Paris. During a ceremony at the Ministry of Energy Transition, Minister Agnès Pannier-Runacher revealed the names of the winning start-ups.

Could a small reactor power a sugar refinery in France?

Start-up company Jimmy Energy is exploring a small reactor model, designed to supply heat to a factory belonging to the Cristal Union sugar group in eastern France. A photo taken on December 3, 2014, shows the Crystal Union sugar refinery in Bazancourt, near the eastern city of Reims. FRANCOIS NASCIMBENI / AFP

How many small modular reactors are being developed around the world?

Nearly eighty small modular reactor (SMR) projects are currently being developed around the world, including around ten in France. The SMR projects monitored by the ASN and the Institut de Radioprotection et de Sûreté Nucléaire (IRSN) are as follows:

Will small nuclear reactors see the light of day in France?

Small nuclear reactors could see the light of day in France, but not necessarily to inject electricity into the power grid, a task that is already accomplished by the 50 or so large reactors of the state-owned EDF group, which also intends to build more. Like other start-ups, Jimmy Energy is more interested in a new market.

Where is Poland's first small modular reactor based?

A newcomer in the nuclear technology market, Poland chose Portland, Oregon-based NuScale to develop and construct the country's first small modular reactor. The historic agreement comes on the heels of an ambitious multi-nation decarbonization plan signed in Glasgow last November by 28 new members of the Powering Past Coal Alliance (PPCA).

Are small modular reactors disrupting conventional notions of nuclear power?

Credit: NuScale Small modular reactors (SMRs) are disrupting conventional notions surrounding nuclear power.

The nuclear start-ups - with names like Jimmy, Calogena or Naarea - build small modular reactors, which are a miniature version of pressurised water reactors, as well as fourth generation ...

Innovative reactor developer Newcleo announced it has completed the preparatory stage set up by the French authorities for developers of small modular reactor projects to facilitate, secure and accelerate the review of licence applications.;

A significant milestone has been reached in the future of French nuclear power with the submission of the first request for the construction of a Small Modular Reactor (SMR). This initiative is led by Jimmy, which proposes a high-temperature reactor, with the first unit potentially helping to decarbonize the processes of the sugar producer ...

NAAREA, an innovative French company developing a fourth-generation nuclear microreactor, the XAMR; microreactor (eXtrasmall Advanced Modular Reactor), is a winner of the "Innovative Nuclear Reactors" call for proposals under the France 2030 investment plan.

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At a time when the race for small modular reactors (SMRs) has been launched worldwide, La French Fab is increasing the number of innovative projects designed to decarbonize industry. As part of France 2030, and as a result of the launch of the EUR500 million "Innovative Nuclear Reactors" call for projects by the French government, a number ...

Leading SMR company Westinghouse Electric propelled to the forefront of the nuclear technology industry with its transportable eVinci(TM) micro reactor. More of a nuclear battery than a traditional nuclear reactor, the high-temperature heat pipe reactor can generate 5 MW of electricity and up to 13 MW of heat from its 15 MW solid thermal core.

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NAAREA will produce carbon-free energy by reusing long-lived nuclear waste. With its nuclear microreactors, NAAREA will bring a complementary offering to the energy mix, one that is decentralized and can be installed close to industrial consumers and in remote areas.

Of the eight SMR and AMR (advanced modular reactor) projects funded by France 2030, six will receive technical support from the CEA: the three start-ups from its own ranks, the Naarea project, the Newcleo project, and the Renaissance Fusion project.



French Southern Territories micro nuclear reactor companies

Web: <https://taolaba.co.za>

