

## **NAAREA Chooses the 3DEXPERIENCE Platform to Develop the Virtual Twin of Its Extra Small Modular Reactor**

[Dassault Systèmes](#) (Euronext Paris: FR0014003TT8, DSY.PA) today announced that the newly created France-based company NAAREA will use Dassault Systèmes' 3DEXPERIENCE platform on the cloud to virtually design its solution, the XSMR extra small sustainable modular nuclear reactor. The XSMR is an ultra-compact clean energy source that uses fuel from existing reserves of industrial waste without consuming natural resources. The announcement was made today at the [World Nuclear Exhibition](#) in Paris.

NAAREA will use the 3DEXPERIENCE platform to create a virtual twin of the XSMR. In this unified virtual environment, NAAREA can collaborate to design the reactor's system, simulate its operation, and validate it with end-to-end traceability and design quality. As the platform is based on the cloud, NAAREA could access the virtual twin from anywhere at any time, and increase the number of users as needed.

"Energy production plays an integral role in global efforts to achieve the United Nations' Sustainable Development Goals. We aim to support these goals by developing large-scale nano power plants that produce abundant, carbon-free, decentralized, non-intermittent energy with great autonomy and at a lower cost than renewable energies all while complementing and supporting them," said Jean-Luc Alexandre, co-founder and CEO , NAAREA."

"As the world shifts away from the use of fossil fuels, we are helping companies in the energy sector contribute to sustainability goals set by the global community," said Philippe Besse, Managing Director EUROWEST, Dassault Systèmes. "New innovators like NAAREA can rely on virtual twin experiences with our 3DEXPERIENCE platform to design, simulate and manufacture breakthrough industrial solutions."

Once it develops the XSMR, NAAREA will target applications in areas such as transportation, agriculture, and smart buildings.

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## FOR MORE INFORMATION

Dassault Systèmes' 3DEXPERIENCE platform, 3D design software, 3D Digital Mock Up and Product Lifecycle Management (PLM) solutions: <http://www.3ds.com>

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Energy startup NAAREA chooses @Dassault3DS #3DEXPERIENCE #cloud to develop the virtual twin of its XSMR

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## ABOUT DASSAULT SYSTÈMES

Dassault Systèmes, the 3DEXPERIENCE Company, is a catalyst for human progress. We provide business and people with collaborative 3D virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our 3DEXPERIENCE platform and applications, our customers push the boundaries of innovation, learning and production. Dassault Systèmes brings value to more than 290,000 customers of all sizes, in all industries, in more than 140 countries. For more information, visit [www.3ds.com](http://www.3ds.com)

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