

Framatome receives Nuclear Innovation Prize from European Commission, Euradwaste 2022

June 3, 2022 – Framatome’s Quantum technology received a Nuclear Innovation Prize at Euradwaste’22 in the radioactive waste management category. The Framatome solution accelerates the inspection and identification of nuclear waste packages’ material content.

“Innovation is at the heart of what we do at Framatome to better serve our customers,” said Catherine Cornand, senior executive vice president of the Installed Base Business Unit, Framatome. “Quantum is a technological breakthrough solution that reduces inspection time from weeks to couple of hours, saving our customers time and overall costs by at least 50 percent. We are honored to receive this award from the European Commission in recognition of our commitment to excellence at Framatome.”

Quantum (Quantitative Analysis of Toxic and non-toxic Materials) is a mobile, non-destructive drum inspection system that reliably analyzes the material content of radioactive waste packages by using neutrons as probes. This technology helps operators to promptly identify, analyze and act, leading to efficiency gains and reduced costs.

Funded by the German Federal Ministry of Education and Research, Quantum was developed by Framatome in cooperation with Aachen Institute for Nuclear Training and the Fraunhofer Institute for Scientific Technological Trend Analysis.

The Nuclear Innovation Prize highlights and rewards excellence in nuclear innovation. The contest aims to identify potential disruptive innovations across product developments and their supply chain, from research to market where researchers and engineers play a critical role.

All project partners were honored at Euradwaste’s ceremony on May 31 in Lyon, France. This was the 10th edition of the Euratom research and training conference on radioactive waste management. The conference is supported by the European Commission together with the Commissariat à l’Energie Atomique et aux Energies Alternatives (CEA), under the auspices of the French Presidency of the Council of the EU.

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Framatome
1 Place Jean Millier
92400 COURBEVOIE
France

www.framatome.com

CONTACTS

Press Office
press@framatome.com



Framatome's Laurent Coquard (pictured left) joins recipients of the Nuclear Innovation Prize, Euradwaste '22

About Framatome

Framatome is an international leader in nuclear energy recognized for its innovative solutions and value added technologies for the global nuclear fleet. With worldwide expertise and a proven track record for reliability and performance, the company designs, services and installs components, fuel, and instrumentation and control systems for nuclear power plants. Its more than 15,000 employees work every day to help Framatome's customers supply ever cleaner, safer and more economical low-carbon energy. Visit us at: www.framatome.com, and follow us on Twitter: [@Framatome](https://twitter.com/Framatome) and LinkedIn: [Framatome](https://www.linkedin.com/company/framatome). Framatome is owned by the EDF Group (75.5%), Mitsubishi Heavy Industries (MHI – 19.5%) and Assystem (5%).

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Framatome
Tour AREVA
1 Place Jean Millier
92400 COURBEVOIE
France

Tél : +33 (0)1 34 96 10 00
www.framatome.com

CONTACTS

Presse
+33 (0)1 34 96 41 34
press@framatome.com