

TOI wins Sogin's " Advanced Solutions for Radioactive Waste" Call for Innovation

The Innovation Day, held today virtually, concludes the Call launched on June 17 to spot the best proposal for radioactive waste management by innovative startups and small and medium-sized enterprises

Rome, 14 October 2020 – Sogin, the Italian State owned company responsible for the decommissioning of Italian nuclear plants and the management of radioactive waste, announced [TOI](#) as the winning startup of the "Advanced Solutions for Radioactive Waste" Call for Innovation, created with the support of Digital Magics, an Italian business incubator.

Launched last June 17, the Call allowed the Jury, made up of top management and technicians from Sogin and Digital Magics, to award TOI (Zerynth) the prize for the best innovative proposal in radioactive waste management among the ten projects that have reached the final phase, which ended today.

TOI is awarded the Call for Innovation with the Zerynth platform, a professional software-hardware-cloud that allows to integrate, in radioactive waste management, both old analog systems and new generation products, technologies and services in a simple and scalable way, allowing the application of 4.0 digital solutions to existing processes and infrastructures. The Python language used by the platform makes it possible to program IoT devices by enabling "edge computing" and "data science" algorithms, directly on the various devices used in nuclear plants in decommissioning, in order to integrate them quickly and efficiently.

The winner of the Call, TOI (Zerynth), will collaborate with Sogin in the development of the presented project.

The other nine finalist startups, selected from the 52 companies that participated in the Call, are all realities on the Italian scene: Alleantia, Easy, Engynya, MTM Project, Pikkart, RuneLab, Smart Track, Surge, Tools for Smart Minds.

The objective of the Call was to identify, among startups and small and medium-sized enterprises, the best proposal of advanced solutions and technologies for the planning, management and automation phases of radioactive waste storage and in the verification of the results obtained, to contribute to digitization processes and sustainable development.

*"This Call - said **Emanuele Fontani**, CEO of Sogin - is a concrete example of the innovative tools that we are introducing in our processes to ensure faster dismantling, greater control in radioactive waste management and better safety at work standards. Innovation in nuclear decommissioning and radioactive waste management sectors - added Fontani - is necessary*



to continue in our digitization path from an Industry 4.0 perspective. This strategy - concluded the CEO of Sogin - is a keystone for the integration of environmental sustainability principles in our industrial and production processes, in a circular economy perspective and with a view to the enhancement of Group's distinctive skills".

*"Safe management of radioactive waste – said **Marco Gay**, CEO of Digital Magics - is a topic of primary importance, both for everybody's well-being and health, and for environmental sustainability. As Digital Magics we believe that startups, thanks to their solutions, can make a significant contribution to the task that Sogin has been carrying out with the utmost attention for over twenty years ".*

Sogin is the Italian State owned company responsible for the decommissioning of Italian nuclear plants and the management of radioactive waste. The Company has also the task of siting, designing, building and operating the National Repository, an environmental surface facility for the safe long term storage and disposal of all radioactive waste. Sogin is entirely owned by the Italian Ministry of Economy and Finance, and operates according to the strategic guidelines of the Italian Government. The company manages the decommissioning of the nuclear power plants of Trino (Vercelli), Caorso (Piacenza), Latina and Garigliano (Caserta), of the fuel cycle plants EUREX of Saluggia (Vercelli), OPEC and IPU of Casaccia (Rome) and ITREC of Rotondella (Matera), of the fuel production plant FN of Bosco Marengo (Alessandria) and the Ispra-1 research reactor, in the Joint Research Center (JRC) of Ispra (Varese). Thanks to the experience gained in Italy, Sogin operates abroad in the development of nuclear decommissioning & waste management activities.

Digital Magics, listed on AIM Italy, is a business incubator which supports the startups in the Tech sector with services for the enhancement and acceleration of the digital business. Digital Magics, Talent Garden and Tamburi Investment Partners have created the most important national innovation hub for DIGITAL MADE IN ITALY, supporting the innovative startups in the creation of successful projects, from conception up to the IPO. Digital Magics has always been, with its Open Innovation services, a partner of excellent companies creating a strategic bridge between the companies and the entire ecosystem of digital startups.