

Paris, May 16th 2019

PRESS RELEASE

ENVIRONMENTAL RADIATION MONITORING SYSTEMS (ERMS)

Bertin Technologies wins two major contracts for Environmental Radiation Monitoring

Bertin has been chosen by the authorities of Switzerland and by the European Commission – on behalf of Armenia – to provide tailored radiation monitoring systems.

These new contracts reassert Bertin's strong expertise in Environmental Radiation Monitoring Systems (ERMS) and demonstrate its flexibility to meet specific requirements.



Bertin Technologies, subsidiary of CNIM group, announced today that it has won two international major contracts for Environmental Radiation Monitoring Systems (ERMS).

The **Swiss authorities** chose Bertin for the **renewal of their MADUK¹ and NADAM² radiation monitoring networks**. Bertin Technologies also won a tender for **ANRA** (Armenian Nuclear Regulatory Authority), within the framework of a **contract funded by the European Union**, to provide **equipment and services** in order to **improve radiation monitoring** near and around the Metsamor nuclear power plant³ in **Armenia**.

¹ MADUK is an automatic dose-rate monitoring network set up in 1993 in the vicinity of nuclear facilities. Operated by the Federal Nuclear Safety Inspectorate (ENSI), it consists of four subsidiary networks including 57 monitoring stations located within a radius of 6 kilometers of each Swiss nuclear power plant and the Paul Scherrer Institute, the largest research institute for natural and engineering sciences in Switzerland.

² NADAM is the nationwide emergency monitoring system for gamma radiation operated by NAZ, the federal center of expertise for exceptional incidents, a division of the Federal Office for Civil Protection. It consists of 76 stationary stations and 30 mobile monitoring stations all over the country.

³ Project funded by European Union EuropeAid/139508/DH/SUP/AM ProjectA3.01/15A



Bertin's solutions perform the **surveillance of radioactivity in air, soil and water** around nuclear facilities or for nationwide monitoring purposes to help **ensuring human safety**. They include a broad range of sensors, including gamma dose measurements, air monitoring, and spectroscopic analysis for **radionuclide identification**. Collected data is transmitted through **secured and emergency proof channels** including radio, 4G or satellite. A **central data management system** allows managing, analyzing and visualizing the situation in real time.

"For these tenders, requirements were quite challenging. We had to adapt our products to the customer's needs with the development of new features such as an improved build in solar supply, eventually deployed in all our future projects. Therefore, our well-known expertise and flexibility make us a partner of choice for the major players in the nuclear industry", says Rainer Dielmann, Bertin GmbH Director.

Backed by the in-depth know-how of Saphymo (acquired in 2015), Bertin has developed and optimized cutting-edge instrumentation equipment for the detection and monitoring of ionizing radiation, which comply with the strictest international requirements.

ABOUT BERTIN TECHNOLOGIES

BERTIN TECHNOLOGIES, subsidiary of CNIM Group, relies on its long history of innovation to develop, produce and market innovative systems and equipment worldwide. Among its 620 employees, there are 2/3 engineers and high-level managers. The company is active worldwide and its turnover amounts to nearly 100 million euros in 2018. Its instrumentation business unit is dedicated to innovative measurement and sampling for key worldwide markets, such as:

- Nuclear Instrumentation (radon professional monitoring, environmental radiation monitoring systems, radiation portal monitors, health physics), and
- Defense, Security, and Safety (gas detection, optronics, and multi sensors networks with the acquisition of Exensor Technology in 2017).
- Lab Equipment (sample preparation, air sampler, cell imaging)

www.bertin-technologies.com

A CNIM GROUP Company

Founded in 1856, CNIM is a French equipment manufacturer and industrial contractor operating on a worldwide basis. The Group supplies products and services to major public and private sector organizations, local authorities and national governments in the Environment, Energy, Defense, and High Technology markets. Technological innovation is at the core of the equipment and services designed and manufactured by the Group. They contribute to the production of cleaner and more competitive energy, to limiting the environmental impacts of industrial activities, to making sensitive facilities and infrastructures safer and protecting individuals and nation states. CNIM is listed on the Euronext exchange in Paris. It relies on a stable family-based majority shareholding structure committed to its development. The Group employs 2,613 staff and reported revenues of €689.8 million in 2018, 62.1 % of which was from exports.

<https://cnim.com>

[Twitter: @CNIM_Group](https://twitter.com/CNIM_Group)

Press Contacts

Gootenberg Agency

Frédérique Vigezzi

frederique.vigezzi@gootenberg.fr

Tel.: + 33 1 43 59 29 84

Laurence Colin

laurence.colin@gootenberg.fr

Tel.: + 33 1 43 59 00 46

CNIM / BERTIN

Nathalie Sablon

Marketing & Communications Director,
Innovation & Systems Sector

nathalie.sablon@cnim.com

Tel: + 33 6 84 51 07 51