*Press release – 29th September 2016 - Montigny Le Bretonneux, France*

# BERTIN LAUNCHES THE LATEST ALPHAGUARD RADON MEASUREMENT SOLUTION

*Press release – 29th September 2016 - Montigny Le Bretonneux, France*

# Bertin launches the latest AlphaGUARD radon measurement solution

*~All-in-one solution with high sensitivity, strong reliability and enhanced versatility ~*

*Bertin, an entity of CNIM group, is pleased to present the latest version of its **AlphaGUARD radon measurement solution** (developed with Saphymo's expertise). A portable equipment re-designed for instantaneous or continuous measurement of radon gas activity (Rn-222/Rn-220 and progenies). AlphaGUARD is used as a reference by many scientists and service providers worldwide for programs on radon measurement in the environment, mines, laboratories as well as for investigations in buildings. This new product offers improved ergonomics, high responsiveness and an embedded digital display which makes it easier to use on the field.*

## Bringing radon lab everywhere

This new version features a number of additional measurement modes and a whole set of new analytics functionalities enabling users to increase their scope of expertise. Improved ergonomics, high responsiveness and an embedded digital display make AlphaGUARD an reference device to perform measurement and analysis from a lab to the field. Air, water, gas soil, exhalation measurements are performed thanks to a large range of accessories and external probes.

## An unmatched tool for Research & Industries

AlphaGUARD monitors have been used for more than two decades by scientists and laboratories for many varied research programs. Due to a comprehensive range of accessories, AlphaGUARD renders service for multiple applications: radon mitigation, stack monitoring, uranium and rare earth mining, water works, seismic surveillance, radioactive waste management…

With an unequalled 5-year-guaranteed stability combined with its extreme accuracy, AlphaGUARD is also widely used in order to calibrate other radon measurement devices, as Bruno Vallayer, Managing Director of BERTIN Systems and Instrumentation, recalls: "*AlphaGUARD has gained high acceptance among radon specialists worldwide. Among the multitude of users, over twenty renowned calibration laboratories are using this instrument as a reliable reference machine for their highly sophisticated routine calibration works".*

## New uses emerging as radon concerns grow

Beyond labs and industrial sites, AlphaGUARD is making its way to more general public matters. Radon has been proven to be the second leading cause of lung cancer after smoking. According to the World Health Organisation (WHO), the annual average concentration reference level should be no higher than 100 Bq/m3, depending on prevailing country-specific conditions. Radon prevention should therefore be considered when new houses are built, as well as radon reducing in existing dwellings. Protective measures have already been included in new building as a routine in Europe (EU BSS 2013 directive) as well as the United States, and are mandatory in a number of countries.

AlphaGUARD's high responsiveness and strong reliability make it possible to realise real-time onsite measurement enabling testing, inspection and certification service providers as well as construction professionals to detect and measure radon levels in private or public premises and to check in minutes the effectiveness of actions implemented to reduce them. *"As per new international regulations, most countries are to develop a radon action plan"* says Bruno Vallayer. *"Initially a lab device, AlphaGUARD is robust enough to bring its accuracy and its reliability on the field and help dealing with this major Public Health concern".*

➔ *Learn more about AlphaGUARD*

➔ *Discover the video*

***AlphaGUARD, reference device for research programs and calibration***

***AlphaGUARD, bringing Radon lab everywhere :***

*Radon measurement in buildings,*

*underground workplaces, caves, mines,*

*... and in water.*

***Press Release:***
*Bertin launches the latest AlphaGuard radon measurement solution*

## ABOUT BERTIN TECHNOLOGIES

BERTIN TECHNOLOGIES, a CNIM Group subsidiary, relies on its long history of innovative engineering to develop, produce and market innovative systems and equipment worldwide. With close to €90M in turnover in 2015 and now nearly 750 partners, of which 2/3rd are engineers and high-level managers, the group works in four major fields: Systems and Instrumentation, Consulting and Engineering including a substantial part devoted to risk management and ergonomics, Information Technology and Pharmaceuticals and Biotechs. Based in Paris region, the group is highly active worldwide.

www.bertin-technologies.com

Its leading instrumentation activity is represented through the brand **BERTIN INSTRUMENTS**.
BERTIN INSTRUMENTS solutions and teams are dedicated to innovative measurement and sampling for key worldwide markets, such as:

- Lab Equipment (sample preparation, air sampler, cell imaging)
- Nuclear Instrumentation (radon professional monitoring, environmental radiation monitoring systems, radiation portal monitors, health physics)
- Defence, Security and Safety (gas detection, optronics)

Its R&D people also provides on-demand technology systems and turnkey integrated solutions under harsh environment or industrial constraints.

www.bertin-technologies.com/bertin-instruments

## A COMPANY MEMBER OF CNIM GROUP

CNIM designs and builds turnkey high-tech industrial facilities and provides expertise, service and operations support in the environment, energy, Defence and industrial sectors. CNIM leads projects and sells equipment worldwide. CNIM relies on stable family ownership, which underwrites its development. The Group has 3,000 employees with revenues in 2015 of €727.0 million, of which exports accounted for 61.3%. CNIM is quoted on Euronext Paris.

www.cnim.com

## ***PRESS CONTACTS:***


***GOOTENBERG PR agency***
*Laurence Colin*
*laurence.colin@gootenberg.fr*
*Tel: +33 (0)1 43 59 00 46*

*Frédérique Vigezzi*
*frederique.vigezzi@gootenberg.fr*
*Tel: +33 (0)1 43 59 29 84*

***BERTIN***
*Nathalie Sablon*
*Marketing Manager*
*nathalie.sablon@bertin.fr*
*Tel: +33 (0)684 510 751*

*Juliette Duault*
*Corporate Communication Manager*
*juliette.duault@bertin.fr*
*Tel: +33 (0)139 306 291*