

# Proengin

JUNE 2026

# PRESS KIT



## COMPLETE CBRN SOLUTIONS

*Products | Solutions | Services*

## BOOTH 5A - H261

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PRESS KIT :  
Digital version





# Proengin

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# Proengin

## **Proengin is shaping the future of CBRN threat management.**

For more than fifty years, we have built field-proven expertise in chemical and biological detection. Today, Proengin delivers comprehensive solutions to protect people, assets, and critical infrastructure.

Everything starts with detection. Our unique technology delivers the fast, reliable alert needed to understand the threat and act without delay.

We combine products and integrated systems into connected, modular, and cybersecure solutions. Through an open architecture, complementary technologies, sensors, and platforms come together to provide real-time situational awareness and support clear operational decisions in the field. Proengin turns detection into actionable intelligence.

### **1970s - 2000s**

Rooted in innovation from the French DGA (Defence Procurement Agency), Proengin was born from a breakthrough in **flame spectrometry** – introducing a universal, highly sensitive, and low-maintenance detection technology.

### **2010s-2020s**

Through strong **partnerships and collaborations**, Proengin affirmed its position as a **system provider**, transforming standalone detectors into **connected, interoperable CBRN architectures** serving mission success.

### **2000s-2010s**

Our detection solutions are **adopted across the globe**. Proengin became a **reference in detection, proven in real operations and extreme environments**.

### **What beyond?**

Proengin continues to push the **boundaries of detection**, exploring new paths in orthogonal sensing, intelligent data fusion, multi-platform deployment and infrastructure protection.

Our next generation of innovations will redefine **situational awareness and safety**.

# PROENGIN'S GOALS

## Universal Detection for Forces

Proengin enables military and civil security operators to detect chemical and biological threats without delay. Rugged and easy to use, our solutions follow a simple principle: switch on, detect and act. Powered by our unique FPD technology, they provide continuous, library-independent detection across gases, vapours and aerosols, extended to liquids and solids through sampling accessories.

## From Detection to Situational Awareness

Proengin SHIELD connects sensors, platforms and third-party technologies through an open, modular and cybersecure architecture. From drones and vehicles to critical infrastructure, it turns detection data into real-time situational awareness and decision support.

## An Open CBRN Ecosystem

Proengin combines its proprietary technology with complementary partner capabilities to deliver open, scalable, interoperable CBRN solutions.

Our partnerships continue to evolve, with companies such as Mirion, Observis, Drone Volt, Hexadrone, Paul Boyé Technologies, Dräger, Ecotest, and Serstech.



Jean-François Brun  
**President of Proengin**

*"Eurosatory is a key opportunity to showcase Proengin's evolution from detection products to complete CBRN threat-management solutions. By connecting sensors, platforms, and operators, we help forces anticipate evolving threats, respond faster, and act with confidence."*

*"Our mission is clear: to strengthen operational resilience and protect people, assets, and critical infrastructure."*

# WHAT WILL BE SHOWCASED AT EUROSATORY?

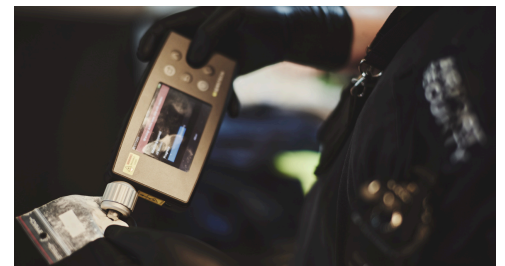
## Portable Detection Solution for Military and Civilian Forces

Proengin's AP4C and AP4C+ portable detectors give military and civil forces the early warning needed to act before exposure escalates. Powered by FPD technology, they trigger an alert in under two seconds and continuously monitor the environment without predefined libraries, filters, or complex preparation. Operators can deploy immediately, detect known and unknown threats across gases, vapours, and aerosols, and extend the mission to liquid and solid samples with the S4PF sampler. The operational value is clear: faster protective action, reduced exposure, and greater confidence in complex environments.



## From First Alert to Threat Identification in Less Than Two Minutes

In the field, forces need both speed and certainty. Real-time detection provides the immediate warning required to protect teams and limit exposure, while the Serstech Arx mkII Raman analyser identifies trace-level samples across more than 24,000 substances, including CWAs, TICs, explosives, and biotoxins. Compact, rugged, and easy to operate, it is a strong European complement to Proengin's field detection expertise. Together, the two technologies create a complete operational chain: detect fast, confirm precisely, and act with confidence.



## Extending CBRN Detection Beyond Human Reach

Proengin extends CBRN detection to unmanned platforms, enabling forces to investigate hazardous areas while keeping operators out of harm's way.

With Proengin SHIELD and LTMA-E, detectors can be integrated onto UAVs and connected to other sensors through an open architecture. Real-time alerts and positioning data generate a georeferenced 2D and 3D operational picture for faster decisions at the edge.

For robots and UGVs, the -V platform family provides real-time detection while in motion. The result: reduced exposure, stronger situational awareness, and safer operations in contaminated environments.

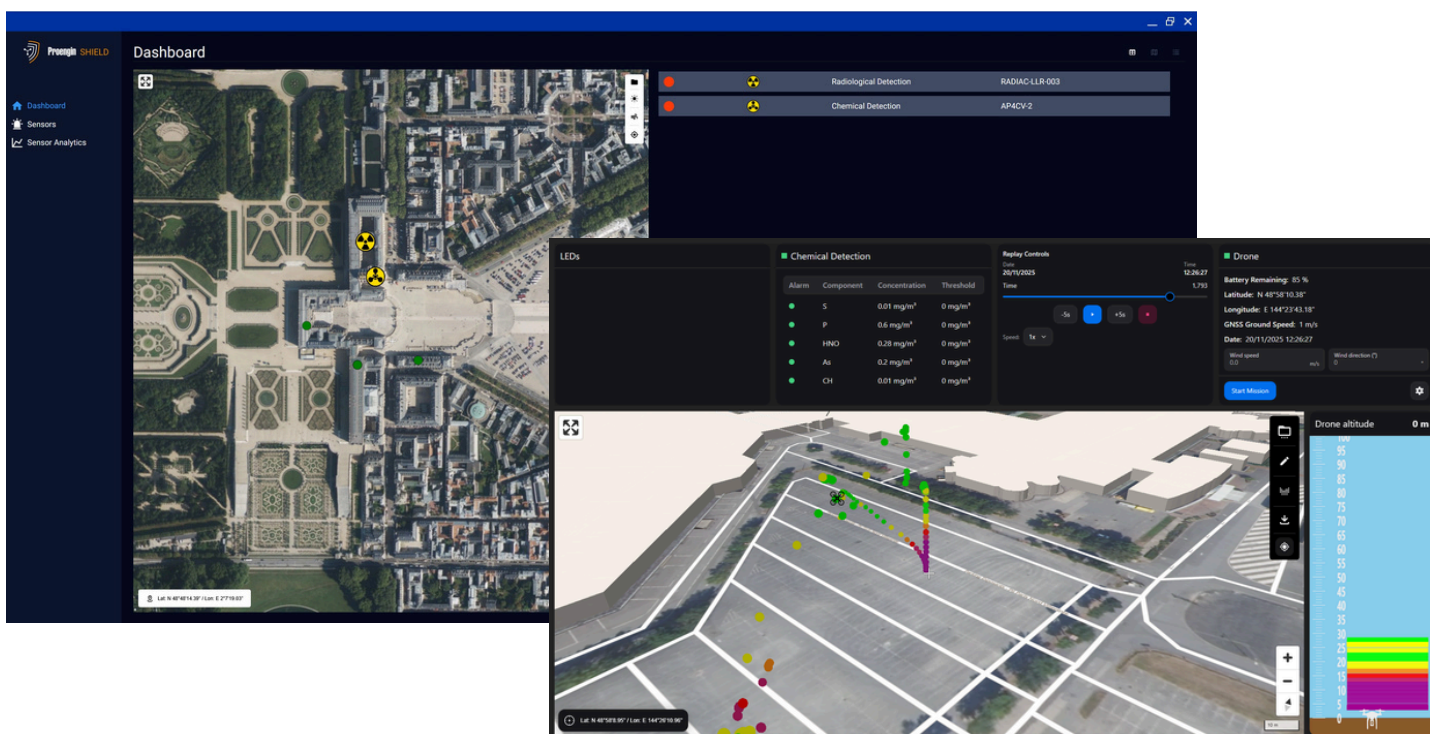


## Experience Proengin SHIELD in Action

Step into our booth and experience Proengin SHIELD in action. The platform connects sensors, drones, robots, vehicles, and critical infrastructure into a single operational picture, turning real-time CBRN data into faster, more informed decisions.

Through a live dashboard, follow a drone reconnaissance mission in 2D and 3D, explore vehicle and robot integrations, and see how fixed sites can be supervised from local to global layers.

From field operations to multi-site infrastructure protection, SHIELD delivers clear situational awareness, stronger resilience, and safer missions.



## Services for Long-Term Operational Readiness

Proengin supports customers **throughout the lifecycle of their solutions**. Service Level Agreements, integrated into contracts, can include preventive and corrective maintenance, consumables monitoring, technical support, and troubleshooting. Proengin Connect supports diagnostics and performance monitoring to help secure **equipment availability**.

Through Proengin Academy, our Qualiopi-certified\* programs cover equipment operation, maintenance, and CBRN threat awareness. Courses, webinars, and white papers connect users with Proengin specialists and strengthen a **community built around shared expertise and operational readiness**.

**Qualiopi**  
processus certifié

**RÉPUBLIQUE FRANÇAISE**

*La certification qualité a été délivrée au titre de la catégorie d'action suivante : Actions de formation*

# PRESS RELEASE

## PROENGIN SHOWCASES THE NEXT EVOLUTION OF CBRN THREAT MANAGEMENT AT EUROSATORY 2026

Meet Proengin and discover how detection, connectivity and decision support combine to deliver real-time CBRN situational awareness.

**Eurosatory, June 2026 – From 15 to 19 June**, Proengin will welcome visitors to **Hall 5A, Stand H261** with live demonstrations of its latest CBRN threat-management capabilities.

### From Detection to Situational Awareness

Proengin combines technological expertise, connected systems and complementary capabilities to transform detection data into actionable information. Built around an open, modular, and multi-layer architecture, SHIELD connects Proengin detectors with third-party technologies without locking users into a single manufacturer. Local controllers can retain autonomy, while central and global levels consolidate information for coordinated response and multi-site supervision.

The same ecosystem can support a handheld solution, a vehicle configuration, a heavy robot, a drone reconnaissance mission, or the protection of several critical infrastructures.

### What is Showcased at Eurosatory?

Visitors will discover several operational scenarios:

- **Portable detection:** Detectors combined with the S4PF sampling solution provide rapid chemical-threat detection across gases, vapours, aerosols, liquids, and solids.
- **Detection and Identification:** Proengin's rapid alert capability is complemented by Serstech's Arx mkII Raman-based identification technology.
- **Remote reconnaissance:** LTMA-E and Proengin SHIELD support faster detector integration onto UAVs and robots, with real-time alert transmission and 2D/ 3D mapping.
- **Heavy robot, vehicle & Infrastructure solutions:** Through real-time monitoring, data fusion, mapping, and multi-sensor integration, Proengin SHIELD enables operators to track alerts, platform positions, sensor status, and threat evolution through a single clear interface.
- **Lifecycle services:** Proengin will also present its maintenance, diagnostics, technical support and Qualiopi-certified training programmes.

### Turning Detection into Action

With SHIELD, Proengin is evolving from a detector manufacturer into a provider of complete CBRN threat-management solutions supported by a multi-layer architecture.

**The objective is clear:** improve situational awareness, accelerate decision-making, reduce operator exposure, and strengthen operational resilience.

# **PRESS RELEASE**

## **AT EUROSATORY 2026, PROENGIN UNVEILS NEW INTEGRATIONS POWERED BY PROENGIN SHIELD**

Proengin SHIELD brings complementary detectors, mobile platforms, and command levels together within a single operational picture.

**Eurosatory, June 2026 — At Eurosatory 2026**, Proengin will unveil new integrations within Proengin SHIELD, its open, modular, and cybersecure CBRN architecture. No single detector can address every threat, environment, or operational scenario. The requirement is clear: combine the right detection technologies according to the mission, consolidate their data, and provide decision-makers with a clear picture of the threat.

### **New integrations for vehicles and critical infrastructure**

Proengin SHIELD now integrates the Airsense GDAP-SWM and the Dräger MultiSensor Box 8500. Combined with Proengin's chemical and biological detectors, these new capabilities complement previous integrations of the Mirion Technologies Radiac LLR and the Research International SASS 3100 biological air sampler. Together, they provide broad CBRN coverage within a single system and on a single dashboard.

This multi-sensor architecture can be deployed across fixed and mobile environments, from critical infrastructure to vehicles and heavy robotic platforms such as the KNDS CENTURIO.

### **Extending detection to unmanned platforms**

Proengin is also expanding remote CBRN reconnaissance capabilities to reduce operator exposure in hazardous environments. Through LTMA-E, Proengin detectors can be integrated more rapidly onto multiple UAV platforms. Integrations have already been completed with drones from Novadem, Hexadrone, and Drone Volt. LTMA-E also enables complementary detectors to be added to robotic platforms, with an ongoing project to integrate a miniaturised Dräger MultiSensor Box 8500 onto a HEXADRONE UAV.

For ground operations, the AP4C+ chemical detector has also been integrated onto the KNDS NERVA LG unmanned ground vehicle.

### **One dashboard for faster decisions**

From a sensor mounted on a drone to a multi-site critical infrastructure network, Proengin SHIELD applies the same operational logic: collect, consolidate, and communicate CBRN data in real time. Through a clear interface, operators can access mapping, sensor data, geolocation, alerts, and detection details. Information can be shared across local, central, and global command levels, while preserving the ability to act at the edge.

By combining Proengin's field-proven detection expertise with complementary technologies and open communication protocols, Proengin SHIELD turns multiple sensors into one coherent operational capability.

# PRESS RELEASE

## MAJOR GENERAL JEAN-CHRISTOPHE LE ROUX JOINS PROENGIN AS EXECUTIVE DIRECTOR

*A strategic appointment to support Proengin's growth and strengthen its role in protecting against CBRN threats*

**Saint-Cyr-l'École, 19 June 2026**—Proengin announces the appointment of **Major General Jean-Christophe Le Roux**, who will join the company as Executive Director in September 2026.

Throughout his career in the French Armed Forces, Major General Jean-Christophe Le Roux has held several senior positions in the fields of CBRN defence, arms control, and the fight against the proliferation of weapons of mass destruction.

He notably served as Commander of the French Joint CBRN Defence Centre in Saumur, after heading the CBRN Office within the French Armed Forces General Staff. More recently, he served as Chief of Staff of the Paris Defence and Security Zone and Commander of the Île-de-France Defence Base. In this capacity, he contributed to the joint command of military operations conducted in the Paris region, notably during the Paris 2024 Olympic and Paralympic Games.

**By joining Proengin**, he will support the company's transformation from a long-standing detection specialist into a provider of comprehensive CBRN threat-management solutions for armed forces, civil-security organisations, critical-infrastructure operators, and platform integrators.

"I am particularly pleased and honoured to welcome Major General Jean-Christophe Le Roux to Proengin. His operational, institutional, and strategic experience in the CBRN field will be a major asset as we continue to grow. His appointment fully supports Proengin's transformation from a long-standing detection specialist into a provider of comprehensive CBRN threat-management solutions for armed forces, civil-security organisations, critical-infrastructure operators, and platform integrators", said Jean-François Brun, President of Proengin.

"I am delighted to join Proengin, a global reference in chemical and biological detection and in CBRN defence and security. By joining the company, I will continue the work I have carried out for more than 25 years: helping to protect operational personnel and civilian populations against CBRN risks in all their forms. I am particularly pleased to begin this new chapter," said Major General Jean-Christophe Le Roux, Executive Director of Proengin.

# PRESS RELEASE

## THE ÎLE-DE-FRANCE REGION VISITS PROENGIN, A YVELINES-BASED INDUSTRIAL SME COMMITTED TO ITS LOCAL COMMUNITY

*Based in Saint-Cyr-l'École since 1972, Proengin combines a strong local footprint, French industrial expertise, and international reach in CBRN threat management.*

**Eurosatory, 16 June 2026** — During Eurosatory, the president of the Île-de-France Region visited the Proengin booth, accompanied by **Alexandra Dublanche**, vice-president responsible for economic development and innovation.

**The visit highlighted Proengin's industrial model.** Based in **the Yvelines department** since **1972**, the company maintains its offices, production site, and specialised expertise in chemical, biological, radiological, and nuclear (CBRN) threat management in Saint-Cyr-l'École. Its solutions help protect civilian populations, armed forces, assets, and critical infrastructure.

### **A Value Chain Rooted in the Île-de-France Region:**

All manufacturing and assembly operations are carried out in **Saint-Cyr-l'École**. Proengin relies on a network of local suppliers to support regional economic activity and preserve specialised industrial expertise.

The AP4C+ illustrates this commitment: **82%** of its components are sourced from France, including **61%** from the Île-de-France region. The company's growth is also driving recruitment in the Yvelines department.

### **A Social Commitment Supporting the Local Community:**

Proengin was notably awarded **the PePs** — Produit en prison — label for assembling subcomponents at the **Bois-d'Arcy correctional facility**. This partnership supports professional reintegration through work.

“Our presence in Saint-Cyr-l'École is central to our industrial identity. Manufacturing in France, working with local suppliers, and recruiting locally enable us to preserve strategic expertise while creating value within our region. This strong regional foundation also supports our international development,” said Jean-François Brun, president of Proengin.

### **A Yvelines-Based SME with International Reach:**

From its base in the Yvelines department, Proengin deploys its expertise worldwide. Its solutions are used in more than **70 countries**, and the company is established in North America, India, Thailand, and the United Arab Emirates, supporting its operations across Southeast Asia.

This international footprint strengthens its industrial model, supports investment in France, and promotes recognised French expertise in CBRN threat management.

## QUALIUM INVESTISSEMENT, EURAZEO AND CAPITAL EXPORT RENEW THEIR TRUST IN PROENGIN

*Financing a French Defence SME: Investing Today to Protect Tomorrow*

**Eurosatory, June 2026** – **Qualium Investissement, Eurazeo** and **Capital Export** are supporting Proengin as it enters a new phase of growth. Following ten years of support from Capital Export, Qualium Investissement became a shareholder in 2021. In 2025, Qualium extended this commitment by structuring a continuation fund led by Eurazeo as lead investor. Proengin’s management team, led by President Jean-François Brun, also reinvested in the transaction.

This renewed confidence illustrates the essential role played by French investors and banking partners committed to **supporting industrial sovereignty**. As a member of the French defence industrial and technological base, Proengin develops CBRN threat-management solutions from its Saint-Cyr-l’École site, combining products, integrated systems and services.

### **The company’s development is supported by several complementary levers:**

Equity, long-term investors, French banking partners, export revenues, industrial partnerships, research programmes and public innovation-support mechanisms, particularly through projects backed by **the French Defence Procurement Agency**, the DGA.

“The renewed confidence of our investors enables us to accelerate our development while preserving the foundations of Proengin’s strength: controlled technology, industrial expertise, and a long-term vision. Investing today means preparing the protection capabilities our customers will need tomorrow,” said Jean-François Brun, president of Proengin.

Present in more than **70 countries**, Proengin generates **70%** of its revenue internationally. This global presence enables the company to reach critical scale, strengthen its competitiveness and reinvest in its industrial and technological capabilities. Domestic demand remains essential, but exports contribute directly to the company’s resilience and to the preservation of strategic expertise. The financing secured will support faster innovation, stronger production capabilities and the recruitment of specialised talent.

Through this announcement, Proengin also aims to raise awareness of the economic realities faced by defence and security SMEs, which play an essential role in national sovereignty.

# ■ PRESS RELEASE

## PROENGIN: FRENCH DEFENCE-INDUSTRY EXPERTISE SUPPORTING CBRN RESILIENCE

*At Eurosatory 2026, Proengin will showcase its technological expertise and its latest solutions for comprehensive CBRN threat management.*

**Eurosatory, June 2026** — French SMEs are one of **the technological strengths of the defence and security industry**. Their specialisation, agility, and capacity for innovation help preserve critical expertise in France and meet the most demanding operational requirements. As a member of France’s defence industrial and technological base, Proengin embodies this dynamic in the CBRN sector.

For more than **50 years**, Proengin has developed recognised French expertise in chemical and biological detection. Its solutions enable rapid detection of known, emerging, and unlisted threats, providing operators with early warning and supporting the implementation of appropriate procedures. At Eurosatory 2026, the company will present the next stage of its development: moving beyond detection to strengthen its comprehensive threat-management offer.

**With Proengin SHIELD, the company combines sensors, connectivity, and decision-support capabilities within an open and modular architecture.** The solution delivers real-time situational awareness and enables different detection capabilities to be integrated across drones, robots, vehicles, and critical infrastructure. Proengin thus transforms alerts into actionable operational information to support decision-making as close to the field as possible.

“SMEs play a decisive role within France’s defence industrial and technological base. Their expertise and capacity for innovation make it possible to address complex operational requirements while preserving strategic skills in France,” said Jean-François Brun, President of Proengin.

**This expertise contributes directly to French resilience.** Proengin retains control of its critical technologies in France and relies on an ecosystem of complementary partners to deliver solutions tailored to the needs of armed forces, civil-security organisations, HazMat teams, critical-infrastructure operators, and platform integrators.

**The strength of this model also relies on a leading international presence.** Active in more than seventy countries and across every continent, Proengin generates **70% of its revenue internationally**. This global footprint supports investment, strengthens the company’s capacity for innovation, and helps maintain specialised expertise in France. This makes Proengin a resilient company and a global reference in CBRN threat management.

# ■ PRESS RELEASE

## PROENGIN RECRUITS AT EUROSATORY 2026 TO BOOST ITS GROWTH

*A French industrial SME based in Saint-Cyr-l'École, Proengin is using Eurosatory as an opportunity to showcase its CBRN threat management solutions and meet candidates interested in supporting its development.*

**Eurosatory, June 2026** — During the exhibition, Proengin will present its career opportunities and strengthen its teams.

For its Saint-Cyr-l'École site in the Yvelines region, Proengin is currently recruiting **a product development project manager**, an **electronics industrialisation manager**, and **a product manager**.

**As a member of France's defence industrial and technological base, Proengin develops solutions for armed forces, civil-security organisations, and critical-infrastructure operators.** Joining the company means contributing to concrete technological projects in support of an essential mission: detecting threats, protecting people, and preserving operational capabilities.

### **Opportunities in France and Internationally**

Beyond the three positions currently open, Proengin's growth is generating a long-term need for expertise in engineering, product development, industrialisation, embedded systems, software, customer support, and international business development.

**The company offers varied career paths involving international partners and customers.** It also welcomes apprentices, interns, and candidates seeking experience abroad, notably through France's International Corporate Volunteer programme (VIE).

### **Meaningful Careers**

Proengin is searching for committed candidates attracted by innovation, technology, and high-value projects. The company also aims to support the growing presence of women in the defence industry, particularly in technical functions and leadership roles. Diversity of backgrounds and experience is essential to strengthening expertise and preparing tomorrow's solutions.

**Meet the Proengin team from 15 to 19 June 2026 — Hall 5A, Booth H261.**

# **PRESS RELEASE**

## **THURSDAY 18 JUNE, 12:00 - 13:00 - EUROSATORY 2026: A UNIQUE ROUND TABLE ON CBRN CHALLENGES WITHIN THE FRAMEWORK OF REARM EUROPE - READINESS 2030**

*A strategic discussion bringing together the French Armed Forces, the DGA, and French industry to address the CBRN capabilities required for European preparedness*

**Eurosatory, ALPHA space, Hall 5A, June 2026** — On Thursday 18 June, from 12:00 to 13:00, Eurosatory will host the only round table at the exhibition entirely dedicated to chemical, biological, radiological, and nuclear (CBRN) challenges: “CBRN Threats & Counter-Measures within the Framework of ReArm Europe — Readiness 2030.”

**The ReArm Europe — Readiness 2030 initiative places the strengthening of defence capabilities at the heart of European priorities.** In this context, the French CBRN sector has a key role to play: anticipating risks, adapting doctrines, and delivering concrete solutions to protect forces, critical infrastructure, and civilian populations.

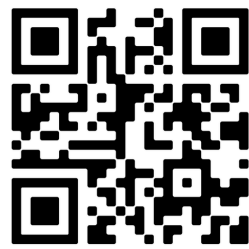
During the round table, **Jean-François BRUN**, President of Proengin and Vice-President of the GIE Defence NRBC, will speak on behalf of the French CBRN industry stakeholders. He will highlight the sector’s sovereign expertise, field-proven capabilities, and complementary strengths in support of Europe’s preparedness and resilience ambitions.

Moderated by **Henri CHEVREUL**, Director of International Promotion and Export Development at GIE Défense NBC, the round table will also bring together:

- **Colonel Olivier LION**, Commander of the French Joint CBRN Defence Center;
- **Colonel Gaëtan BOIREAU**, Head of the CBRN Office at the French Armed Forces General Staff;
- **Maimoul MARQUES**, Director of the CBRN Segment at the French Defence Procurement Agency (DGA), Ministry for the Armed Forces.

**Proengin contributes directly to this preparedness effort.** For more than fifty years, the company has developed CBRN threat-management solutions, ranging from portable detection to connected architectures integrating sensors, drones, robots, vehicles, and infrastructure. Its role goes beyond providing technologies: Proengin also raises awareness, shares its expertise, and helps strengthen collective preparedness as threats evolve.

**Join us on Thursday, 18 June 2026, from 12:00 to 13:00 - ALPHA space, Hall 5A**



SCAN ME





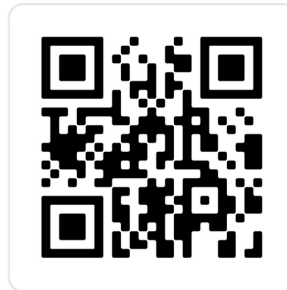
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