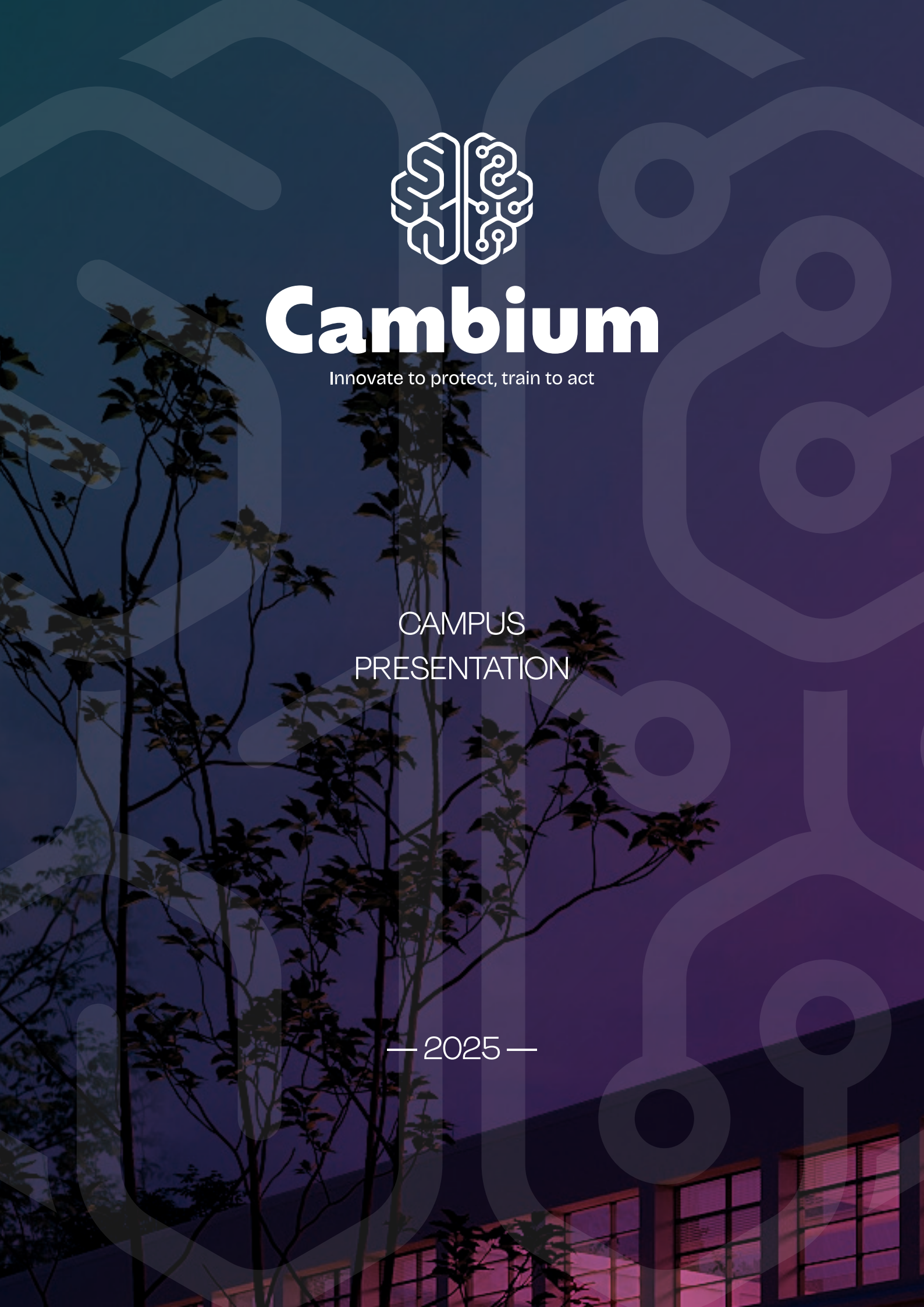
Cambium

Innovate to protect, train to act



CAMPUS
PRESENTATION

— 2025 —

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An introduction

from the Chair
of the urban community

Cambium.

The name of our campus is inspired by the layer of cells that enable a tree to grow and adapt to its environment. These cells help to form the wood and inner bark so the tree can thrive. Our name illustrates Cambium's ability to adapt and adjust to the modern-day security challenges we face when it comes to protecting citizens.

This reference to wood is also a nod to our local region - the Vosges mountains and the Papeteries du Souche paper mill - as well as well as technical prowess and protection, emphasising our ambition to become a bulwark of citizen protection and sovereignty in France..

With **Cambium**, we aren't just training tomorrow's security experts: we're nurturing pioneers. Each innovation and each student trained is a seed planted for a safer, better-connected future. Together, we will energise the security sector, readying it to protect our homelands and inspire our fellow citizens..





"Together, we energise the security sector, readiyng it to protect our homelands and inspire our fellow citizens"

Claude George

Presentation of the Cambium project

Cambium is the embodiment of a new national and European security vision. Nestled in France's Vosges mountains, **our innovative campus hosts a security-sector training centre, a cutting-edge technology centre and a collaborative ecosystem** to strengthen the resilience of our regions and digital sovereignty.

Designed with excellence, synergy and innovation in mind, Cambium responds to the increasing complexity of modern-day threats, be they physical, digital or hybrid. It is aimed at internal security forces, private-sector organisations, local authorities, defence firms and research experts, with a focus on training, co-development and immersive exercises. .

A unique, transformative project

- Cambium Formations, a sector-specific training campus that trains up to 350 trainees a day, ranging from vocational training certificates to master's degrees, with a teaching philosophy firmly rooted in operational realities, realistic simulation and interdisciplinarity.
- Cambium Technologies, a sovereign technology centre and member of the Grand Est Cybersécurité hub, dedicated to cybersecurity innovation, critical data and defence technologies.
- An independent, sustainable campus, combining energy resilience, logistics security and advanced digital connectivity.
- A strategic location in Saint-Dié-des-Vosges, close to France's borders with Germany, Belgium, Switzerland and Luxembourg, within easy reach of regional cities and Paris.
- A hybrid, agile governance model spearheaded by the Saint-Dié-des-Vosges urban community, working closely with an expert scientific advisory board.

Resolutely forward-thinking

Cambium is a **skills and collaboration accelerator**, designed to support public security policy, digital sovereignty and a growing need for training in these sensitive sectors.

We aim to become a strategic European hub for integrated security, a place where solutions to tomorrow's challenges are devised..

A closer look at Cambium Formations

Cutting-edge expertise for modern security challenges

The nature of the threats we face is changing rapidly. Risks are becoming more diverse. Our response to security can only be collective, agile and grounded in high-level skills. Cambium Formations responds to these concerns. Our mission: **to train the men and women who anticipate threats, protect communities and take action** at the heart of our local areas.

We combine **academic excellence, professional expertise and innovative teaching methods** to prepare tomorrow's security specialists to tackle increasingly complex scenarios – whether they involve hybrid threats, cybersecurity, events management or the protection of public spaces.

The security continuum: public- and private-sector alliances and collaboration

Cambium Formations is far more than a training centre: it is a **platform for exchange, cooperation and mutual aid and support**. Designed to bring the security continuum into the real world, the site fosters cross-disciplinary interactions between internal security forces, private-sector organisations, local authorities, operators of vital importance, researchers and trainers.

This operational synergy helps break down silos, harmonise practices and **develop shared doctrines to support an integrated, effective and resilient approach to security**.

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Cambium Formations does not operate alone: it has partnered up with leading organisations including Actiss Formation, French higher education institution CNAM and the CFAD drone training centre, meaning it can offer a carefully structured, flexible course catalogue. From vocational training to master's degrees, the courses offered span a wide range of skills, tailored to the requirements of security specialists. Both higher education and continuing education courses are available. This institutional alliance drives the increasing professional status of the security sector and responds to the needs of public security policy.

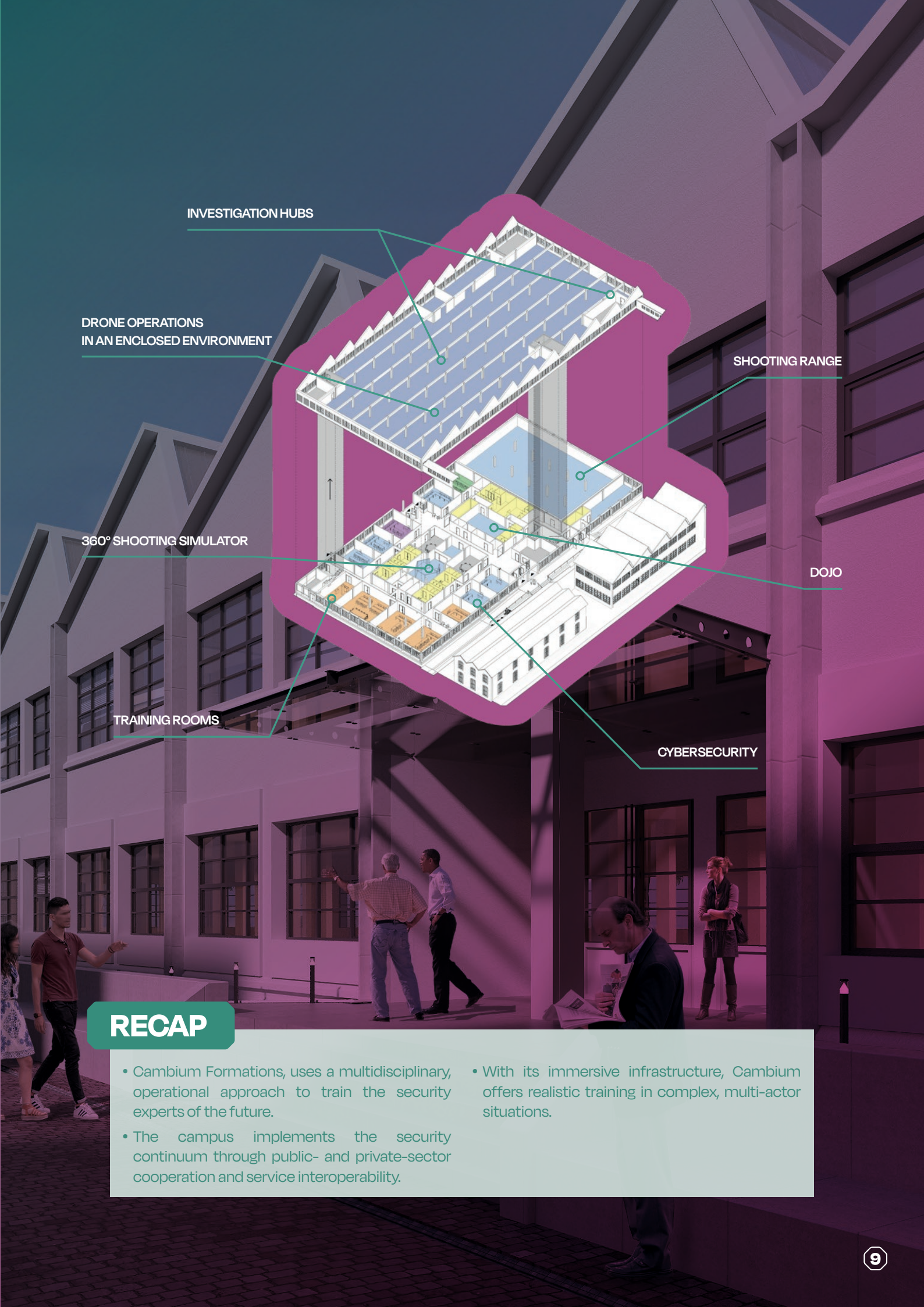
Accordingly, our campus enjoys a secure and unique natural environment, while remaining easily accessible at the crossroads of Europe.

Realistic simulation and immersive training infrastructure

Cambium offers cutting-edge technological facilities for training and real-world operational scenarios. The site is an effective testing ground, featuring reconstructed urban environments, immersive systems, simulators and the capacity to coordinate complex multi-agency exercises.

These environments can recreate critical situations with a high degree of realism, including terrorist attacks, public health emergencies, crowd movements, industrial incidents and cyberattacks.

Our goal is clear: to enable trainees to **strengthen their operational reflexes, improve inter-organisation coordination and learn to make decisions in the midst of uncertainty**.



RECAP

- Cambium Formations, uses a multidisciplinary, operational approach to train the security experts of the future.
- The campus implements the security continuum through public- and private-sector cooperation and service interoperability.
- With its immersive infrastructure, Cambium offers realistic training in complex, multi-actor situations.

Cambium Technologies part of the Grand Est Cybersecurity hub

A sovereign data centre in a strategic rural zone

The digital transformation of security cannot be achieved without a sovereign technological base. Cambium's goal is to create a next-generation data centre in a highly strategic rural area. This unique location is part of a local resilience strategy: it is separate from urban areas, has a secure energy supply and the capacity to host sensitive data in a controlled environment. Cambium Technologies will be a discreet and robust **technological hub for the storage, analysis and transmission of critical information**, while offering an advanced cybersecurity framework.

An innovative nerve centre: a strong draw for the defence and security industries

Designed to act as an **interface between the institutional world and the private sector**, Cambium Technologies fully adheres to the trajectory supported by the EDEN Cluster (a French network of defence, security and safety SMEs). It will be the perfect environment to develop, test and commercialise new security and defence solutions.

By encouraging tech SMEs, start-ups, defence manufacturers and end users to work together, Cambium plans to become a project accelerator in the areas of digital security, intelligent sensors, simulation and independent systems. This locally rooted capacity for innovation is also an attractive proposition for companies seeking an ecosystem that can be easily reached by all parties.



Part of the Grand Est Cybersécurité hub: a regional response to national cybersecurity challenges

By joining the Grand Est Cybersécurité hub, Cambium strengthens its role in the wider cybersecurity ecosystem. Cambium Technologies will play an active part in devising a coordinated response to digital threats, **developed regionally but designed for a national framework**.

The network formed with the regional cyber ecosystem – businesses, government departments and research and training organisations – **will pool skills, speed up the emergence of cybersecurity solutions** and form a united front when it comes to the intensification of digital risks. This position reflects our steadfast ambition: **to turn the region into a responsive and innovative sovereign cybersecurity hub.**

RECAP

- Cambium plans to build a sovereign data centre in a rural area, to deliver heightened cybersecurity and resilience.
- Cambium Technologies is becoming an innovation accelerator for defence and security organisations.
- As a member of the Grand Est Cybersécurité hub, Cambium is part of a regional strategy to tackle national cybersecurity challenges.



An independant, sustainable campus

A secure, strategic, and optimised location

The Cambium campus has **put down strong roots in the local region**, in the heart of eastern France. It is in a secure rural area, away from major urban areas, yet close to France's borders with Belgium, Luxembourg and Germany. This geographic location is no coincidence: it **links national security challenges and European cooperation strategy**, in a region that has a long history of mobility, cross-border movement and strategic forward thinking.

Located on a secure site, Cambium enjoys a physical environment conducive to operational discretion, resilience and training, while remaining connected to major transport networks, regional digital infrastructure and innovation ecosystems. **This setting offers a rare balance between operational isolation, logistical accessibility and potential to attract businesses and investment.**

Comprehensive logistics infrastructure and hosting capacity

The site has been designed as a comprehensive oprational campus, comprising logistical, hosting and accommodation capabilities, as well as business support. It can simultaneously host groups of trainees, specialised units and industrial or institutional partners, in secure, confidential, comfortable conditions tailored to meet the highest standards.

Thanks to its customisable design, the campus can adapt to different forms of activities, including higher education and continuing education, technology testing, operational manoeuvres and inter-organisational exercises. This logistical versatility enables Cambium to meet its users' wide-ranging needs, while ensuring the seamless and secure management of the movement of people and materials.

An archetype of energy self-sufficiency and advanced connectivity

Cambium is the embodiment of a sustainable and resilient campus, grounded in autonomy and simplicity. Our energy infrastructure combines the on-site production of solar power and biomass energy with intelligent energy storage and power redundancy to ensure it can **operate independently of the national grid if required.**

When it comes to digital connections, the site has highly secure connectivity, with network redundancy, a segmented infrastructure and the ability to isolate systems in the event of a cyber threat. These strategic choices **mean that Cambium can operate during a crisis** – whether energy, technology or security – while remaining open to the world in a controlled setting.

RECAP

- A strategic location in eastern France: the perfect compromise between secure isolation and proximity to borders with Belgium, Luxembourg and Germany.
- A multifunctional campus: education, training, innovation and capacity to host our partners, all within a comprehensive logistical setting.
- Digital sovereignty and energy self-sufficiency: a resilient site, capable of operating even in a compromised environment thanks to its secure, pared-down infrastructure.


2025

An innovative governance model: public-sector efficiency, private-sector vitality and an expert scientific advisory board

The Saint-Dié-des-Vosges urban community (CASDDV): a leader in shared governance

The Cambium project has a **unique regional governance model**, spearheaded by the Saint-Dié-des-Vosges urban community. At the crossroads between local, regional and national competencies, the CASDDV is playing a **leading role in the creation of a security ecosystem**, bringing together public-sector partners, manufacturers, training providers and specialised institutions.

This governance model is based on a co-production approach, in which public policy ensures overall coherence, while private-sector stakeholders contribute their responsiveness, technical expertise and capacity for innovation.

Local authorities lead infrastructure investment and oversee the appointment of private-sector partners to operate the facilities, under a sustainable business model. Actiss Gestion is currently operating Cambium Formations, for example. Cambium is becoming a strategic instrument for the region, while remaining in step with the national and European vision.

The shared governance of the campus enables **agile decision-making, results-oriented management**, and the **capacity to quickly change our offering and formats** to suit operational needs in the field.



An ethical scientific advisory board to steer the regional security sector into the future

To support this hybrid governance model, Cambium has a multidisciplinary scientific advisory board comprised of researchers, industry specialists, ethics experts and representatives from professional networks. The board plays a pivotal role: **it informs the strategic road map, determines the training content, ensures the activities conducted are ethical and anticipates any upcoming changes** in the security industry.

Its strong local roots strengthen the balance between local requirements and the training courses offered, while connecting Cambium to a **network focused on monitoring, strategic thinking and innovation**. It also helps position the campus as a **leading place for future-oriented thinking on security, resilience and crisis management**.

RECAP

- A shared governance model led by the Saint-Dié-des-Vosges urban community, blending public-sector action with private-sector expertise.
- Flexibility and responsiveness: Cambium can adapt to suit requirements on the ground thanks to its results-oriented, agile management style.
- A multidisciplinary scientific advisory board ensures the training and initiatives conducted on the campus are pertinent, ethical and innovative.



A campus in the heart of the Vosges mountains

Cambium enjoys a strategic location deep within the Vosges mountains, in the town of Saint-Dié-des-Vosges. This choice of location combines a natural environment – the perfect place to focus – with easy access thanks to quick connections to several neighbouring cities and countries.

- **Deep in the Vosges mountains:** a secure protected area, providing the ideal environment for activities associated with training and research in the security field.
- **Within striking distance of Strasbourg, Nancy and Metz:** just 1 hr 20 mins from Strasbourg, 1 hr from Nancy and 1 hr 30 mins from Metz, the campus is well connected to these economic and administrative hubs.
- **2 hrs 35 mins from Paris:** accessible by train or car, the campus is reasonably close to Paris, which is served by eight return flights per day, putting it in easy reach of students and experts across France.
- **Three airports nearby:** the campus is also well served by the international airports of Strasbourg and Metz-Nancy-Lorraine, facilitating access for international students, instructors and partners.
- **Close to the borders:** our strategically located campus is within striking distance of the borders of Germany, Switzerland, Luxembourg and Belgium, promoting cross-border interactions and collaboration in the security field.

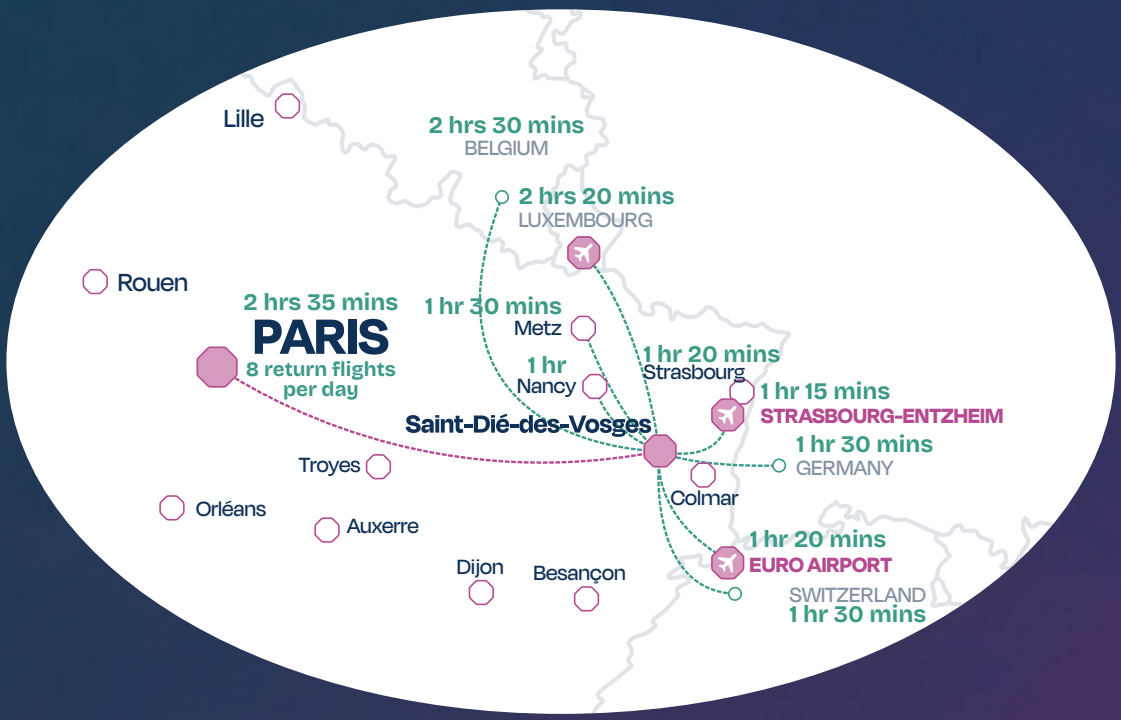
A strategic avenue to cross-border cooperation ?

Located at the crossroads of several regions, Cambium hopes to become a leading European cybersecurity centre. By investing in interoperability, innovation and international cooperation, Cambium intends to play a pivotal role in the consolidation of a shared security culture within the European Union.

Cambium is actively exploring cross-border partnerships with the aim of facilitating the sharing of practices, joint training and collaborative projects in the fields of security and resilience.

RECAP

- A strategic location: in the heart of the Vosges mountains, in a secure natural environment, conducive to learning.
- Excellent connections: just 1 hr 20 mins from Strasbourg, 2 hrs 35 mins from Paris, and close to several international airports.
- Naturally open to Europe: within striking distance of Germany, Switzerland, Luxembourg and Belgium.



IN THE VOSGES MOUNTAINS

CLOSE TO STRASBOURG, NANCY AND METZ

2 HRS 35 MINS FROM PARIS
8 RETURN FLIGHTS PER DAY

3 AIRPORTS NEARBY

NEAR THE BORDERS OF
Germany - Switzerland - Luxembourg - Belgium

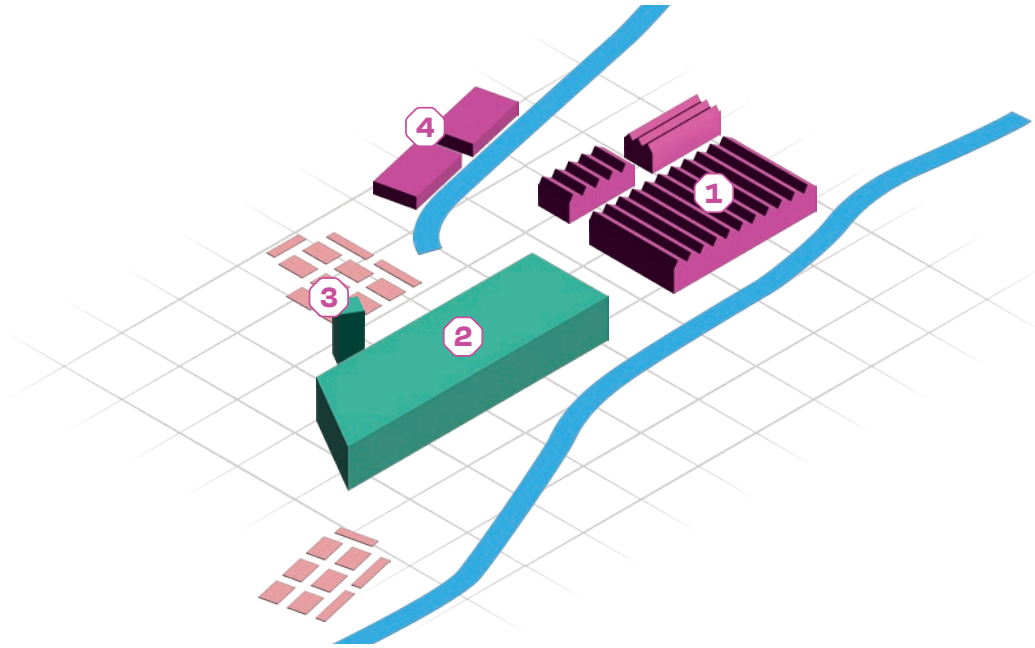
Cambium in figures

The campus

- Nine hectares: a vast area dedicated to security innovation, training and research, with modern infrastructure adapted to the sector's specific requirements.

Cambium Formations

- Up to 350 students on site at any one time: significant capacity to host trainees for specialised training in a range of security fields.
- Around 30 specialised instructors: a team of education experts and specialists, trained to dispense high-quality teaching in security and defence, and a team of three to four people to handle organisation and logistics, etc
- A catalogue of over 50 training courses: a diverse range of higher and continuing education courses, with modules tailored to the specific needs of students and industry professionals.



1 Cambium Formations :

- 6,400 m² - Capacity: 350 people
- Classrooms (armed security officer training, drones, cybersecurity, video surveillance, rescue, management)
- Dojo, armoury, shooting range
- Simulator, technical area

2 Cambium Technologies :

- 15,000m² - 3 floors
- Sovereign data centre
- Security and defence companies
- Real-world operational simulators

3 Production d'énergie renouvelable :

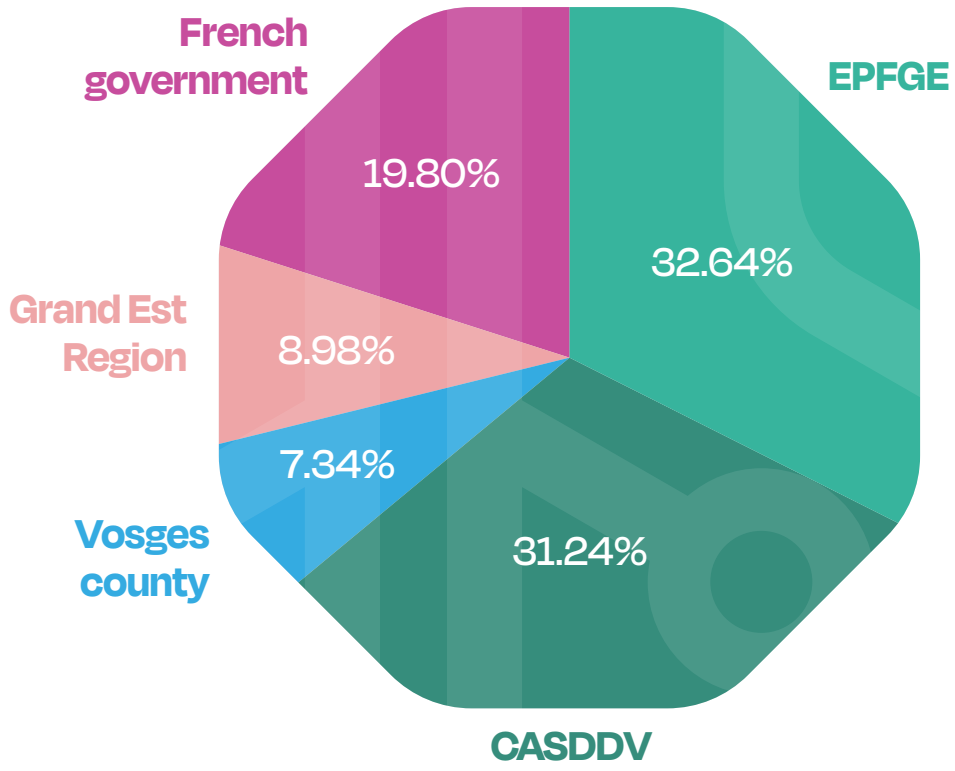
- Solar power (4 hectares)
- Geothermal energy
- Hydroelectric energy
- Gravity battery (tower)

4 Accomodation/catering facilities

Investments

- Over one million euros invested in equipment and technology to provide immersive simulation environments and cutting-edge kit adapted to security training requirements

Description and distribution of public investment at this stage of the project



- Grand Est region public body for land use (EPFGE): €4,000,000
- Saint-Dié-des-Vosges urban community (CASDDV): €3,828,700
- French government: €2,426,000
- Grand Est Region: €1,100,000
- Vosges county: €900,000

Cambium

Innovate to protect, train to act

CONTACT US

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