A french cybersecurity company offers its specific expertise for some of cluster 5's Horizon Europe calls on transport and energy.

Summary

Profile type	Company's country	POD reference
Technology offer	**France**	**TOFR20240705018**

Profile status	Type of partnership	Targeted countries
PUBLISHED	**Research and development cooperation agreement**	**• World**

Contact Person	Term of validity	Last update
JACOPO CONTAVALLI	**5 Jul 2024** **5 Jul 2025**	**5 Jul 2024**

General Information

Short summary

French SME in cybersecurity services are interested in joining proposals on the topics D3 and D6 of the cluster 5 energy and transport Horizon Europe next calls.They could be partner in small or large consortia and participate as partners in certain workpackages dedicated to security and resilience of digital and connected systems or analysis of risk scenarios and impact or data confidentiality and integrity.

Full description

As emphasized by the European Commission in these policies, cyber security is particularly important for the transport and energy sectors, and will therefore be fully integrated into the next calls for projects under Horizon Europe Cluster 5 Climate, Energy and Mobility.

The North of France company is a cybersecurity company with a staff of 13.
Their areas of expertise are: training, auditing, securing IT systems/infrastructures/solutions (IoT), regulatory compliance and crisis management preparedness.
Theirs customers range from major accounts (e.g. SMEs) to start-ups and local authorities.
They are developing a platform for conducting pentests on IoT and a cyber crisis management training tool.

They are interested in joining proposals on the following topics 3 in transport and 2 in energy :

 - HORIZON-CL5-2024-D6-01-06 : Optimising multimodal network and traffic management, harnessing data from infrastructures, mobility of passengers and freight transport
- HORIZON-CL5-2024-D6-01-08 : Improved transport infrastructure performance – Innovative digital tools and solutions to monitor and improve the management and operation of transport infrastructure
- HORIZON-CL5-2024-D6-01-10 : Ensuring the safety, resilience and security of waterborne digital systems
- HORIZON-CL5-2024-D3-02-01 : Digital tools for CSP and solar thermal plants
- HORIZON-CL5-2024-D3-02-06 : Innovative, Community-Integrated PV systems

They can propose the following contributions:
- Security and resilience of digital and connected systems : infrastructure, IoT
- Cyber threat assessment
- Analysis of risk scenarios and impact
- Consulting services, providing recommendations on how to improve infrastructure security and capabilities
- Data Confidentiality and integrity
- Conducting pentests and identification of vulnerabilities
- Preparedness for cyber threats and incidents

In 2024, the company was awarded a European Horizon Europe project as a partner in a consortium of 17 partners. This project, in the healthcare field, aims to facilitate the characterization of certain vital emergencies by emergency services at the point of care, in order to speed up and improve patient care.

They will manage the cyber risk throughout the project and ensure the security of the system developed, by making recommendations on the architecture and carrying out penetration tests to detect vulnerabilities.
Thanks to this experience, the cyber expertise of this SME can bring added value to workpackages linked to data security for transport or energy topics.

Advantages and innovations

dedicated team for cybersecurity and resilience of digital and connected systems : infrastructure and IoT
experience in european project building and integration as a partner
flexibility

Technical specification or expertise sought

They able to collaborate in innovation projects with other SMEs as well as academics or large companies.

Stage of development

Available for demonstration

Sustainable Development goals

• Goal 9: Industry, Innovation and Infrastructure

IPR Status

No IPR applied

Partner Sought

Expected role of the partner

coordinator of the proposal

Type of partnership

Research and development cooperation agreement

Type and size of the partner

• **SME 11-49**

• **Big company**

• **University**

• **SME 50 - 249**

• **R&D Institution**

Dissemination

Technology keywords

• **02009022 - Security systems**

• **01006005 - Network Technology, Network Security**

• **02010001 - Planning and security**

• **01003009 - Data Protection, Storage, Cryptography, Security**

• **01003025 - Internet of Things**

Market keywords

• **06007001 - Other energy production**

• **06011 - Energy for Transport**

• **06010003 - Energy for Industry**

• **06009 - Energy Distribution**

• **09001007 - Other transportation**

Targeted countries

• **World**

Sector groups involved

• **Mobility - Transport - Automotive**

• **Renewable Energy**