

Partner ☒ search or ☐ offer

Date (23-07-21)

(*) Relevant topic(s) in work programme

CL5-D6-01-04-Cyber secure and resilient CCAM

Quick description of the project concept (up to 10 lines)

NOMADS aims to design, develop, verify and validate cyber-resilient connected, collaborative and autonomous transportation systems. It will address a wide range of use-cases landing in urban, suburban and rural areas, involving individual and collective transportation, end to end delivery of goods, packages and mails, leveraging road, rail, sea, river, air and space systems. This will be achieved through the development, integration and validation of six key capabilities: Secure Autonomous Vehicles (KC1), Secure Smart Infrastructures (KC2), Secure V2X Communication (KC3), Secure CCAM data services (KC4), Secure Multimodal Traffic Management (KC5) and CCAM Security Monitoring (KC6). The involvement of Information Sharing and Analysis Centers (ISACs), Industry associations, standardization groups and regulatory players will help maximizing project impact in Europe and beyond, contributing to EU Leadership in CCAM for another era.

(*) Description of the expertise requested/proposed (up to 10 lines)

3 partners additional to the existing consortium are being searched:

- An Automotive OEM: with ambitions in field of autonomous vehicles, V2X communication and Electric Mobility > to be assigned vehicular design authority, requirement and architecture, contribution to CCAM integration and demonstration.
- A data service provider: preferably an SME with ambitions in field of mobility (road / air / water) data processing and cloud-based service delivery > to be assigned to connected vehicle fleet monitoring, secure vehicular/infrastructure data hosting and value-added service provision.
- A Logistics Operator: with ambitions in field of automated/autonomous logistics operations such as truck / Ship container shipment and transshipment > to be assigned autonomous international logistics use-case leader, use-case implementation, demonstration and assessment

Keywords describing the expertise requested/proposed (up to 10 words)

Profile 1: [Automotive], [OEM], [Autonomous Driving], [V2X], [Electric Vehicle]

Profile 2: [Data], [Mobility], [Service], [Cloud]

Profile 3: [Logistics], [Truck], [Harbor], [Crane], [Shipment]

Organisation information

Airbus Cybersecurity, France

Type of organisation:

Enterprise

Former participation to FP European projects?

Yes

Web address:

<https://airbus-cyber-security.com/>

Description of the organisation:

Cybersecurity Pure Player, fully owned by Airbus Group, providing security services and systems to Aerospace, Automotive, Transport, Energy and Governmental sectors: cybersecurity training and testing, vulnerability and risk analysis, security architecture, attack detection and incident response.

Experience and connections:

A consortium is already established for the proposal in object with market leaders in fields of security, computing, automotive, infrastructures, territories and regulation. Airbus Cybersecurity is Coordinating the proposal with a solid experience in vehicular security and critical (transport) infrastructure protection. The Project Coordinator has 15 years' experience in Research and Technology project management, including 5 years as Head of Innovation within Airbus Cybersecurity.

(*) Contact details

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(*) Do you entitle the French Transport NCP to publicly share the above mentioned information including your contact details ?

☒Yes ☐No

Would you wish your expression of interest to be shared with other NCPs across EU member states and associated countries?

☒Yes ☐No

If yes, any preferred countries / countries excluded?

(*) –Mandatory