HORIZON-CL5-2026-01-D6-13 - Data analysis for the identification of urban hazard hotspots for cycling and pedestrian traffic - consortium or project partners sought

Summary

Profile type	Company's country	POD reference
Research & Development Request	**Germany**	**RDRDE20250915005**
Profile status	**Type of partnership**	**Targeted countries**
PUBLISHED	**Research and development cooperation agreement**	**• World**
Contact Person	**Term of validity**	**Last update**
Enrico FRANZIN	**16 Sep 2025** **16 Sep 2026**	**16 Sep 2025**

General Information

Short summary

A German SME and regional development agency proposes the project idea of swarm data analysis to identify urban hazard hotspots for cycling and pedestrian traffic, presented in a digital Hazard Atlas for a proposal under HORIZON-CL5-2026-01-D6-13. They have developed a demo case which could either be offered to an existing consortium submitting a proposal or they look for partners from research and industry to form a consortium based on their project idea for the call.

Full description

The German SME brings together more than 190 municipalities across three federal states with around 2.4 million inhabitants. As a regional development agency, they have extensive experience in coordinating inter-municipal projects, building data infrastructures, and implementing research and innovation initiatives with European partners.

Problem that will be addressed by the project:
Traffic safety for cyclists and pedestrians is becoming a key challenge for European cities. Traditional accident statistics only capture reported incidents and fail to reflect potential hazard hotspots. Municipalities lack reliable data for preventive, strategic infrastructure planning. At the same time, the pressure is growing to accelerate the mobility transition and create safe conditions for active and micromobility.

Project idea & Innovation:
The agency proposes the systematic analysis of swarm data from driver assistance systems (e.g., turning assistants in buses or trucks). By analyzing near-miss incidents, hazard hotspots for cyclists, pedestrians, and e-scooter users can be identified at an early stage – before accidents are officially recorded.

The core deliverable is a digital Hazard Atlas, an interactive platform with heatmaps, filtering functions, and detailed information that municipalities can use for strategic and operational cycling infrastructure planning. Through co-creation with administrations and pilot municipalities, they ensure the tool is practical and scalable.

Cooperation
Preferably the SME would like to join an existing consortium that could integrate their idea as a demo case.
Another option would be to form a consortium around their project idea. In this case they would need partners from research and industry:

- providing swarm data from driver assistance systems for hazard detection
- having expertise in V2X Technology Micromobility, enabling real-time communication between vehicles and their surroundings
- experienced in Data micromobility vehicle design stability
- carrying out safety needs analysis for cyclists, micromobility

Advantages and innovations

Technical specification or expertise sought

Stage of development

Concept stage

Sustainable Development goals

• Goal 9: Industry, Innovation and Infrastructure

IPR Status

Secret know-how

IPR Notes

Partner Sought

Expected role of the partner

Ideally, the SME intends to participate in an established consortium that can incorporate their concept as a demo case.

Alternatively, they may establish a new consortium centered on their project idea and require partners with the following qualifications:

- Swarm data collection from driver assistance systems for hazard detection
- V2X technology expertise for real-time vehicle-environment communication in micromobility
- Experience in data-driven micromobility vehicle design stability
- Conducting safety analysis for cyclists and micromobility
- Project coordination

Partners can be from research or industry.

Type of partnership

Research and development cooperation agreement

Type and size of the partner

- **R&D Institution**
- **SME <=10**
- **University**
- **SME 11-49**
- **Big company**
- **SME 50 - 249**
- **Other**

Call Details

Framework program

Horizon Europe

Call title and identifier

HORIZON-CL5-2026-01-D6-13 Safety of Cyclists, Pedestrians and Users of Micromobility Devices

Submission and evaluation scheme

Single-stage , lump sum

Anticipated project budget

Coordinator required

Yes

Deadline for EoI

20 Nov 2025

Deadline of the call

20 Jan 2026

Project duration in weeks

Web link to the call

https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-01-D6-13?order=DESC&pageNumber=1&pageSize=50&sortBy=startDate&keywords=HORIZON-CL5-2026-01-D6-13.&isExactMatch=true&status=31094501,31094502,

Project title and acronym

Dissemination

Technology keywords

- **02008006 - Traffic Engineering / Control Systems**
- **02010001 - Planning and security**
- **01002004 - Embedded Systems and Real Time Systems**

Market keywords

- **02006007 - Databases and on-line information services**
- **01004008 - Other data communications**
- **02006004 - Data processing, analysis and input services**

Targeted countries

- **World**

Sector groups involved

- **Mobility - Transport - Automotive**