



GUIDE

Supporting the Strategic
Deployment Agendas for
The EU Corridors

5G Strategic Deployment Agenda for Connected and Automated Mobility

Introduced by Laura Sanz,
CCAM Strategy Lead, i2CAT Foundation



Funded by the European Union

The 5G Strategic Deployment Agenda for Connected and Automated Mobility

A **VISION** of future **MOBILITY BASED ON 5G**-enabled infrastructure, technologies and vehicles

STRATEGIC GUIDANCE for the deployment activities in the context of C-ITS and CCAM

Foster **IMPACT** in European Initiatives

Provide value to **PRIVATE** and **PUBLIC** sector



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First 5G SDA for Rail

Released in April 2020

Digital Rail Operations

Gigabit Train



European Rail
Infrastructure
Managers



Input provided by UIC, UNIFE/UNITEL and
members of the
European Rail industry



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First 5G SDA for Road

Released in October 2020

Driving safety and automation

Mobile broadband emergency services

Commercial 5G services along transport paths



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Process facilitated by the 5G-PPP Automotive Working Group
and the European Commission DG CNECT

New SDA version (end of 2023)

Commonalities

Cooperation
models

Regulation aspects

Deployment
scenarios

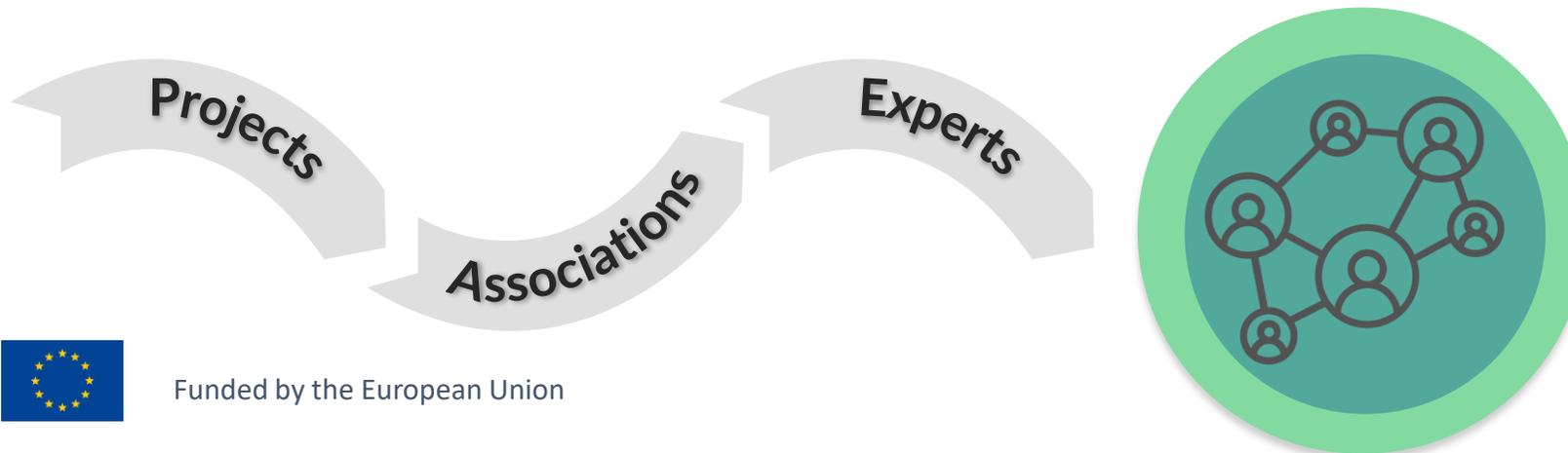
Involves stakeholders from Rail & Road communities
Process steered by 6G-IA with the support of the GUIDE project and facilitated by the European Commission



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Tentative timeline



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Reviewing the 5G SDA for Rail & Road

Roundtable moderated by Edwin Fischer

Senior Expert, Group Technology Strategic Enablers, Deutsche Telekom



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Reviewing the 5G SDA for Rail & Road

Moderator:

- **Edwin FISCHER**, Senior Expert Group Technology Strategic Enablers at Deutsche Telekom, 6G-IA 5G for CAM WG Vice Chair & 6G-IA/SNS Co-lead of Taskforce European Strategic Deployment Agenda 5G for CAM

Panellists:

- **Dan MANDOC**, Head of FRMCS at UIC (International Union of Railways)
- **Uwe PUETZSCHLER**, Head of Automotive & Mobility Solutions at NOKIA and Vice Chair of 5GAA
- **Steve PHILLIPS**, Secretary-General at Conference of European Directors of Roads (CEDR)
- **Maciej MUEHLEISEN**, Research Leader of section “Radio Network Concepts for Verticals” at ERICSSON
- **Luis MORENO**, Senior R&D at CELLNEX and V2X Tech Lead and Coordinator of CEF2 corridors France-Spain and Portugal-Spain
- **Coen BRESSER**, Senior Manager Innovation and Deployment at ERTICO, member of the Expert Group on Urban Mobility, 5G-PPP Steering Board, and the 5G-SDA Task Force



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