

More details on FI trial site

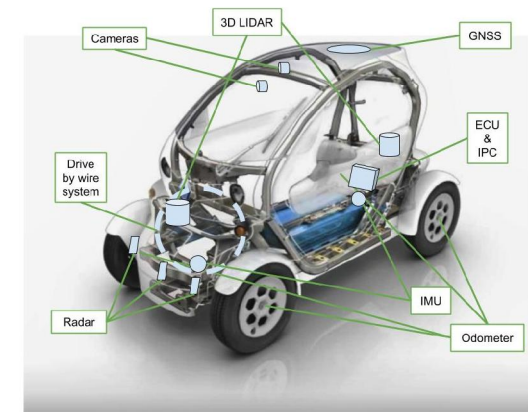
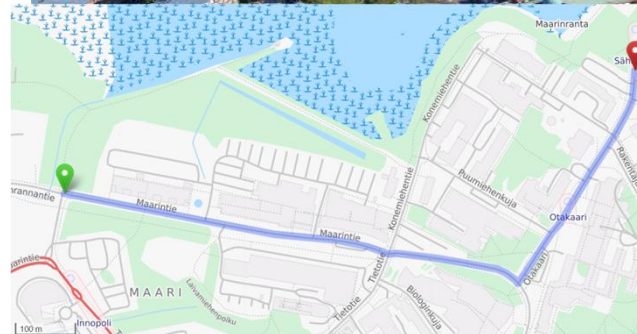


Location & key stakeholders

- Espoo Otaniemi
- Local 4G/5G test network
- 1.2 km of road (Otakaari & Maarintie)

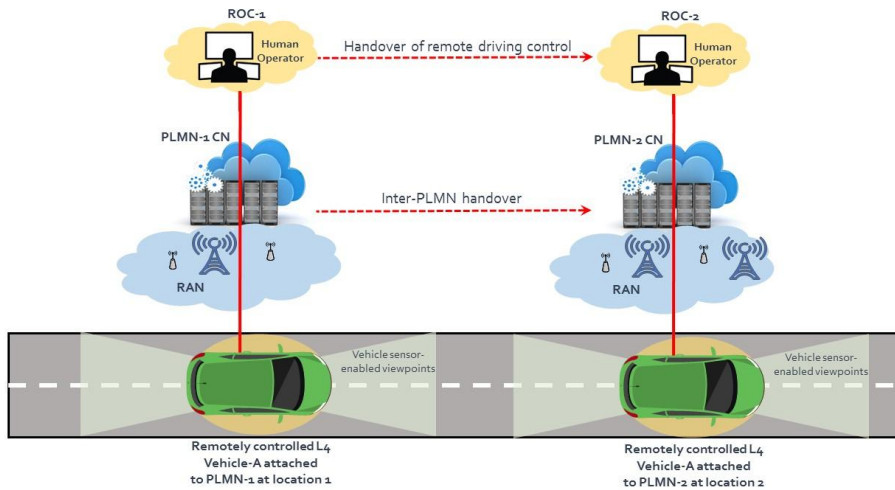
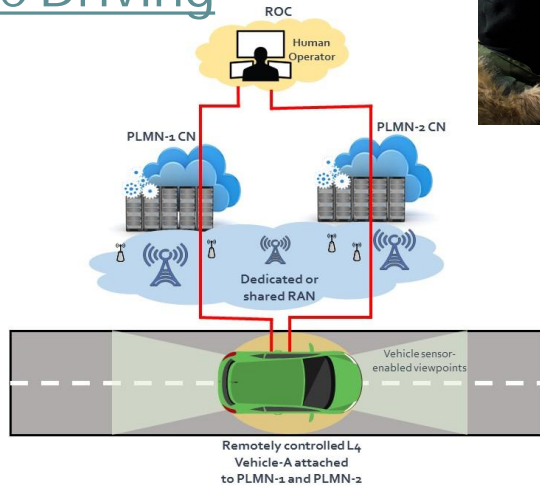
Key Role	Partner	Contribution
SITE LEADER	A?	Local test environment
OEM	sensible⁴	L4 vehicles
Automotive vendor	VEDECOM	5G OBU

Other Stakeholders	Contribution
MNO ⁽¹⁾	Telia Operator perspectives
Road authority ⁽²⁾	TRAFICOM Road and frequency regulator Perspectives from Nordic Way and Aurora corridors

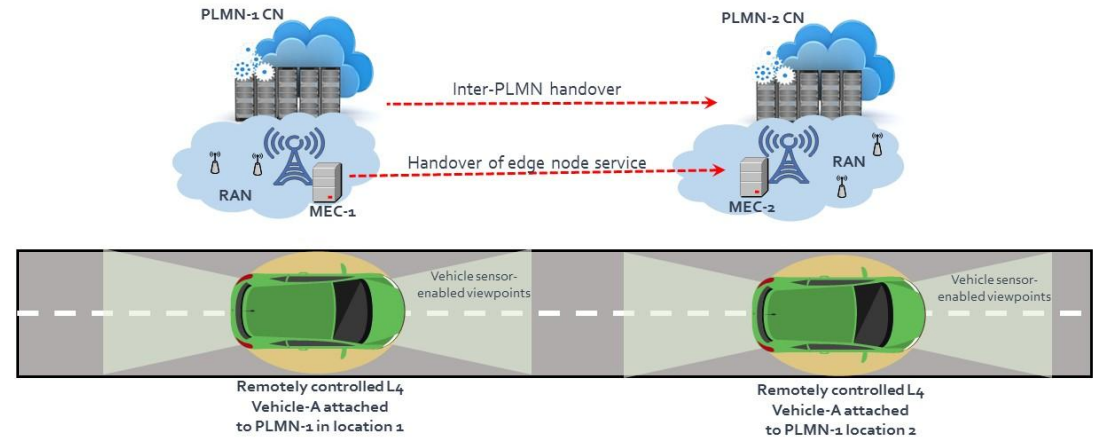


FI Trial Site User Stories (Use Cases)

Remote Driving



Extended sensors

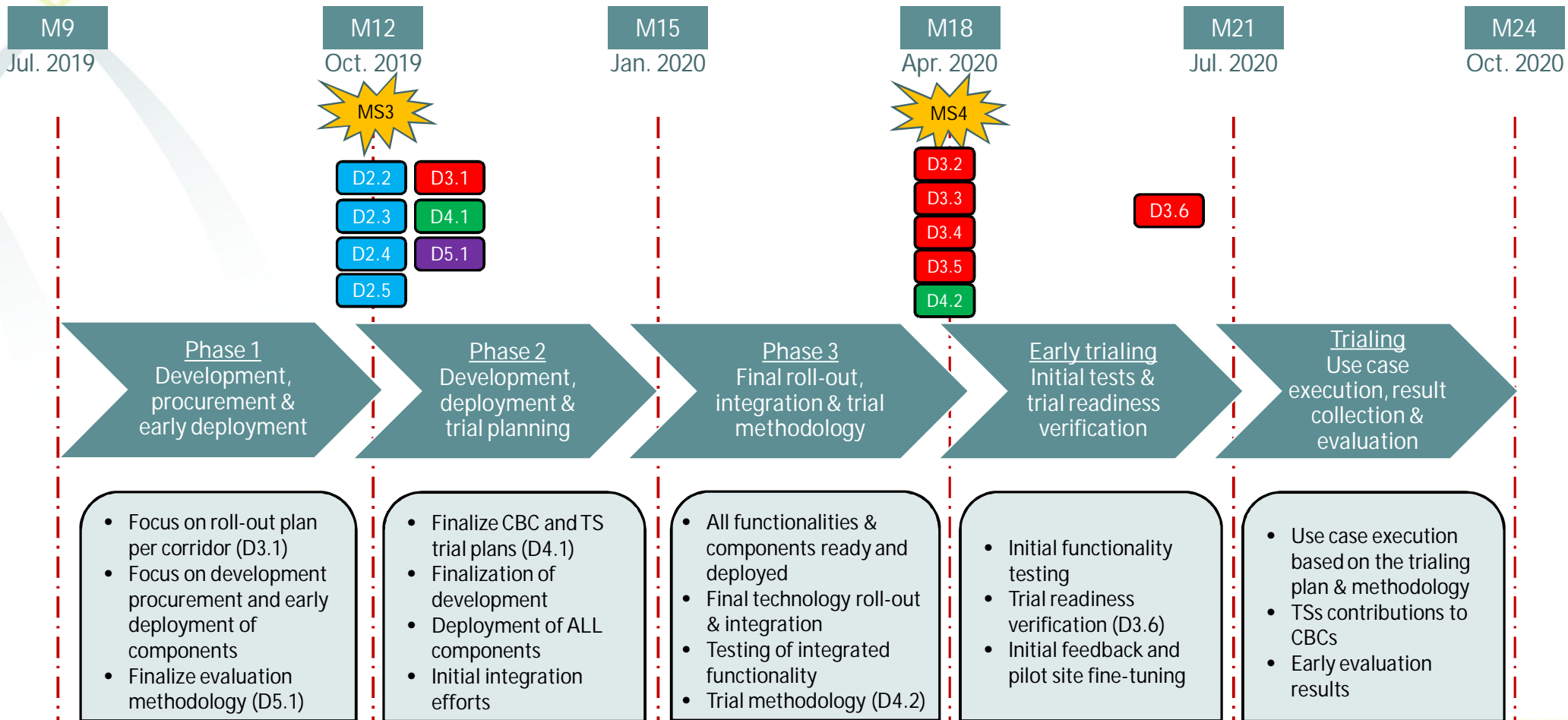


ROC: Remote Operations Centre



5G-MOBIX Technical Roadmap until M24

Trials from Q2 or Q3 2020 (also in FI site)



For Further Info

- Welcome to our small stand at this event
- Or contact by email:
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 - Giancarlo Pastor Figueroa giancarlo.pastor@aalto.fi

Thank you

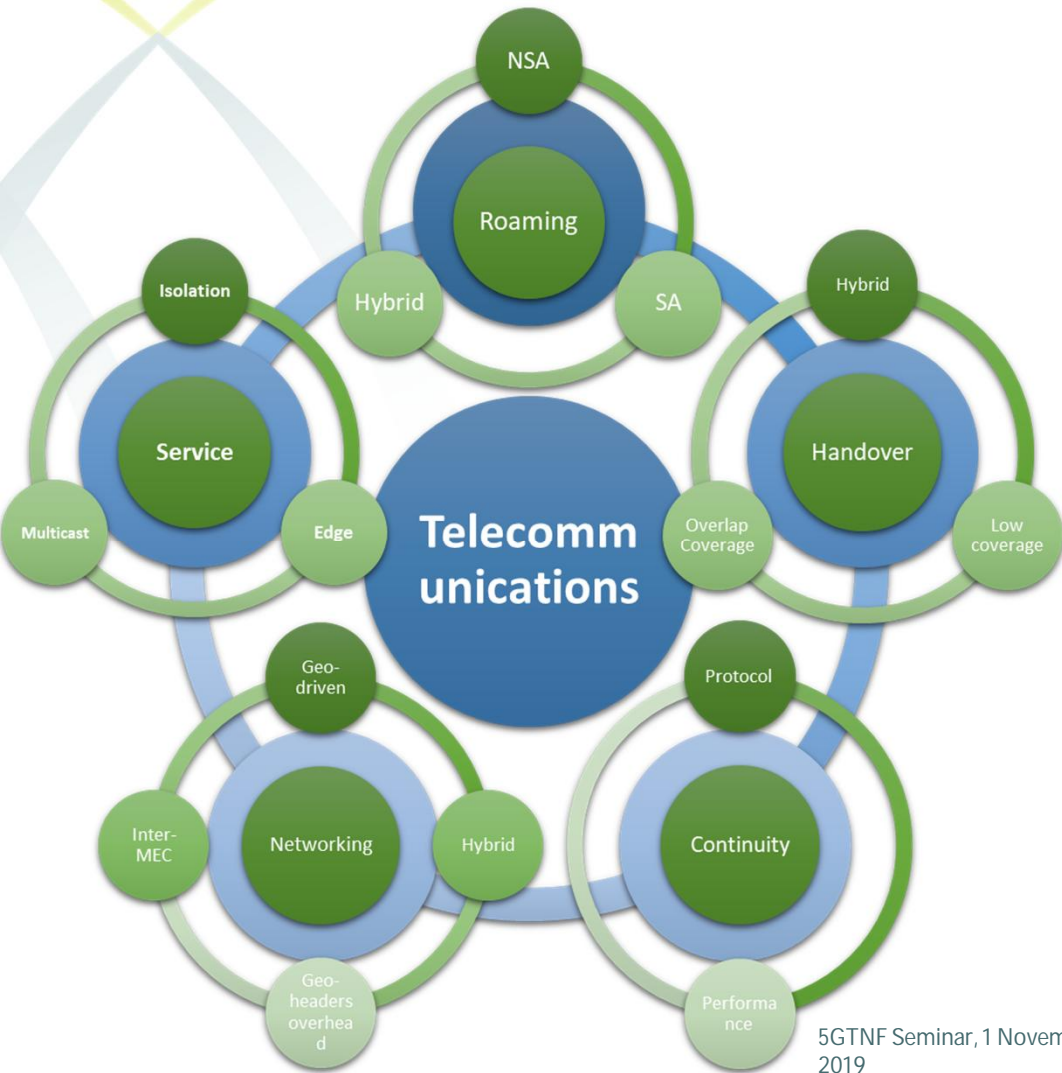


www.5g-mobix.com



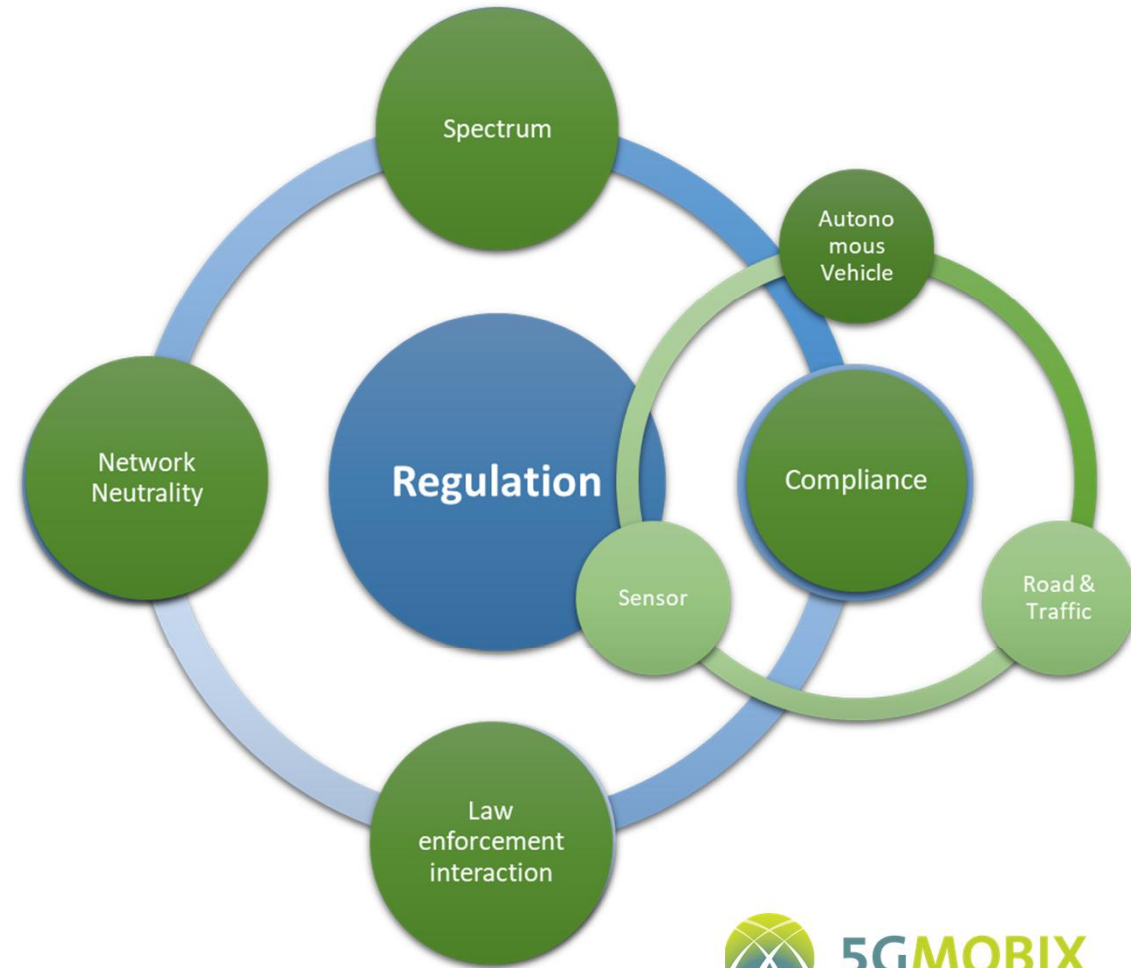
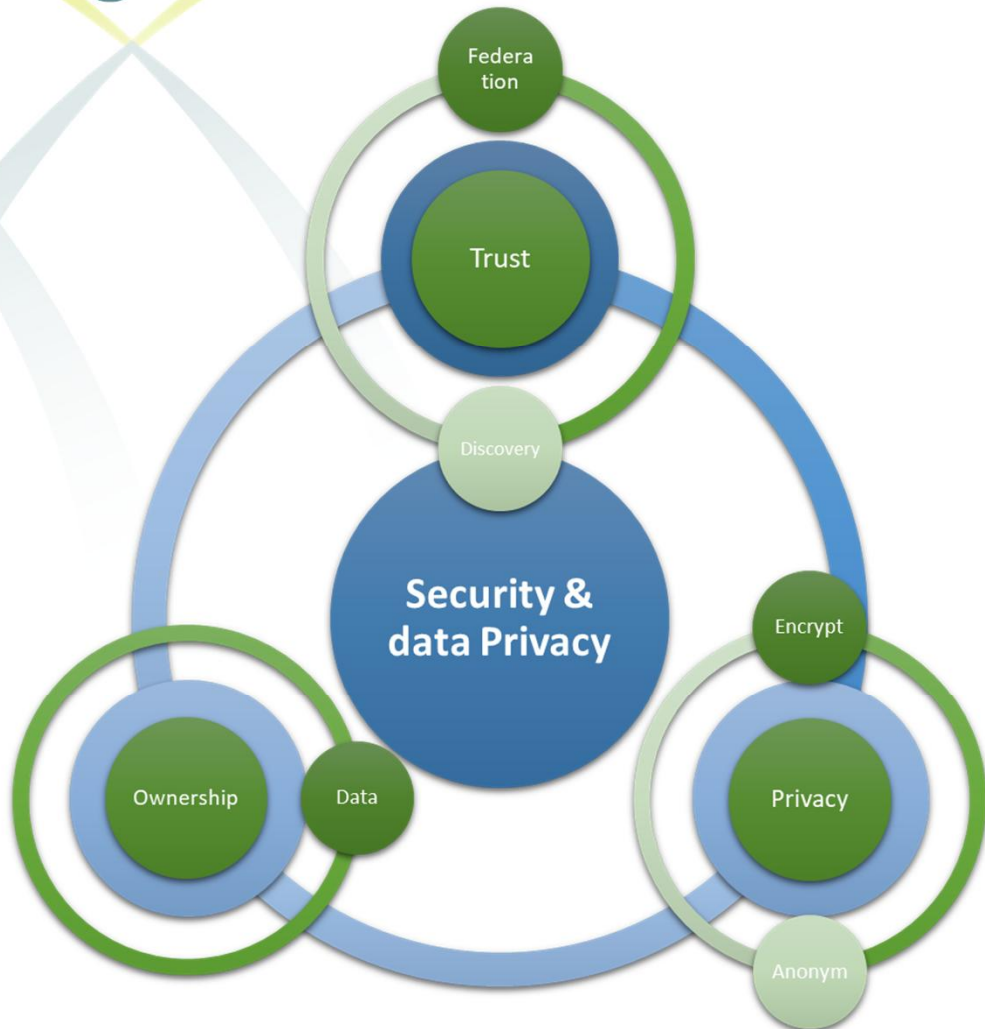
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 825496

5G-MOBIX Cross-border issues - Overview



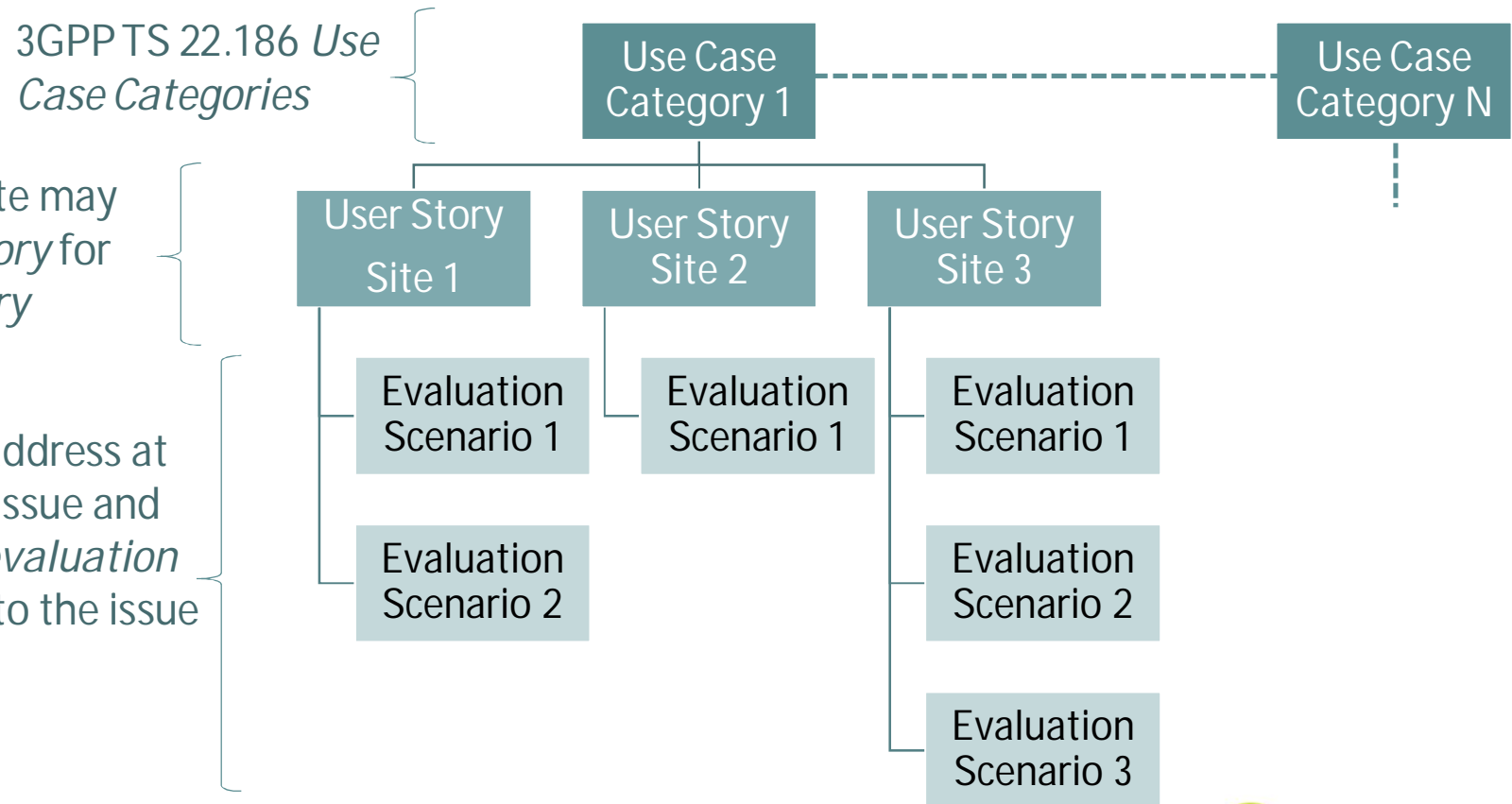
5GTNF Seminar, 1 November 2019

5G-MOBIX Cross-border issues – Overview



Hierarchy of 5G-MOBIX Trial Activities

- 5G-MOBIX experimental trial activities inspired by cross-border issues



Each 5G-MOBIX trial site may contribute one *User Story* for given *Use Case Category*

Each *User Story* must address at least one cross-border issue and have a corresponding *evaluation scenario* for a solution to the issue

5G-MOBIX Cross-border issues – Solutions under investigation

- Advanced Driving Use case Category (UCC#1)
- Multiple identified solutions
- Most promising progressed for evaluation through trialing
- TSs enable the evaluation of a much wider range of solutions
- Additional insights regarding configuration

Category	ID	Issue name	ES-PT	FR	NL	CN
<i>Telecommunications</i>	TR1	NSA Roaming Latency	■			
	TR2	SA Roaming Latency			■	■
	TH1	Hybrid Handover Latency		■		
	TC1	Continuity Protocol	■			
	TC2	Performance Continuity			■	■
	TN3	Geo Networking Overhead		■		
<i>Application</i>	AC1	V2X Continuity	■	■	■	
	AI1	Data Interoperability	■		■	
	AP1	Real-time Multi-tier Processing		■		
<i>Security & Data Privacy</i>	ST1	Federation Trust	■	■		
	ST2	Discovery Trust	■	■		
	SP1	Data Privacy		■		
	SO1	Data Ownership				■
<i>Regulation</i>	RC1	Autonomous Vehicle regulation Compliance	■	■		
	RC3	Sensor Compliance			■	■
	RN1	Neutrality regulation			■	



5G-MOBIX CBCs / TSs – Illustrating Synergies

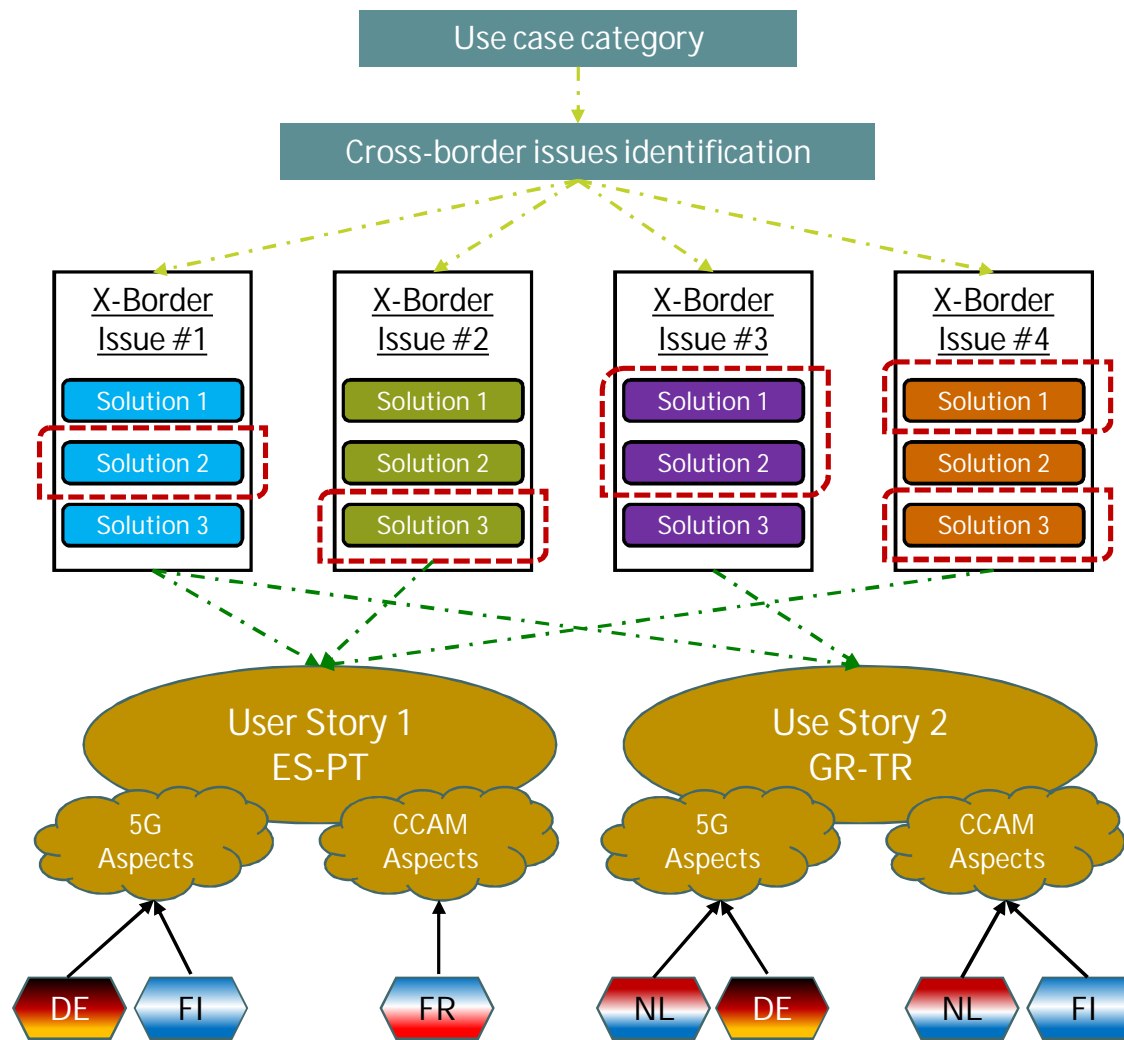
à Identify the specific x-border issues of this use case category

à For each cross-border issue identify the potential solutions

à Test and evaluate the progressed solutions using specific user stories belonging to this use case category

à Evaluation scenarios on 5G and CCAM aspects

à Different TSs evaluate specific solutions to cross-border issues



CCAM: Cooperative, Connected and Automated Mobility
 ES-PT: Spain-Portugal corridor
 DE: Germany trial site
 FI: Finland trial site
 FR: France trial
 GR-TR: Greece-Turkey corridor
 NL: Netherland trial site
 X-border: Cross-border