



3rd and 4th November 2022

NAPCORE Mobility Data Days

Paris / France



Session on SRTI

Thursday 3d November 2022, 15:30-17:00 CET



CONTEXT OF TODAY'S SESSION

In the field of the **SRTI Delegated Regulation 886/2013** the Data for Road Safety initiative has created a legal, organisational and technical framework and partnership that can act as a practice to make vehicle generated data available for safety related traffic information at the National Access Points.

This session will present the initiative and discuss the question:

"Can this approach become a NAPCORE guideline for implementation at all NAPs?"

ESTABLISHED BY THE EUROPEAN TRANSPORT MINISTERS & CONT'D SUPPORT FROM THE EUROPEAN COMMISSION



Timeline

FEB 2017	MAY 2017	SEP 2017	JUN 2018	JUN 2019	OCT 2020
1st High Level Meeting Amsterdam: official Launch Data Task Force	1st Data Task Force meeting	2nd High Level Meeting Frankfurt	3rd High Level Meeting Gothenburg	Launch of Data Task Force Proof of Concept & MoU signed	Launch of SRTI Ecosystem & Multi Party Agreement signed

- **Dedicated website:** <https://www.dataforroadsafety.eu/>
- **Instructive video:** https://www.youtube.com/watch?v=f7ZdUeJw_BA&feature=youtu.be
- **LinkedIn group:** @DFRS

National Road Authorities / Operators

- AT
- BE/Flanders
- DE
- DK
- ES
- FI
- LU
- NL
- UK/England

OEMs

- BMW
- Daimler
- Ford
- VW / Cariad
- Volvo Cars

Data Service Providers

- GeoTab
- HERE
- Inrix
- NiraDynamics
- TomTom

General Assembly

Tech group

- WG1:
- WG2:
- WG3:





Interested to join ? Contact : j.vantomme@mail.ertico.com
www.dataforroadsafety.eu

WHY A ROAD SAFETY DATA ECOSYSTEM

Main ingredients of the policy context:

- Digitalisation at the heart of Intelligent Transport Systems' development
- ITS Directive: supporting access to data since 2010
- Delegated Regulation 886/2013: advancing safety related traffic information
- European strategy for data: fostering data sharing and creating a common mobility data space
- European Green Deal: emission reduction and user centric transportation
- Vision Zero: reduce road casualties

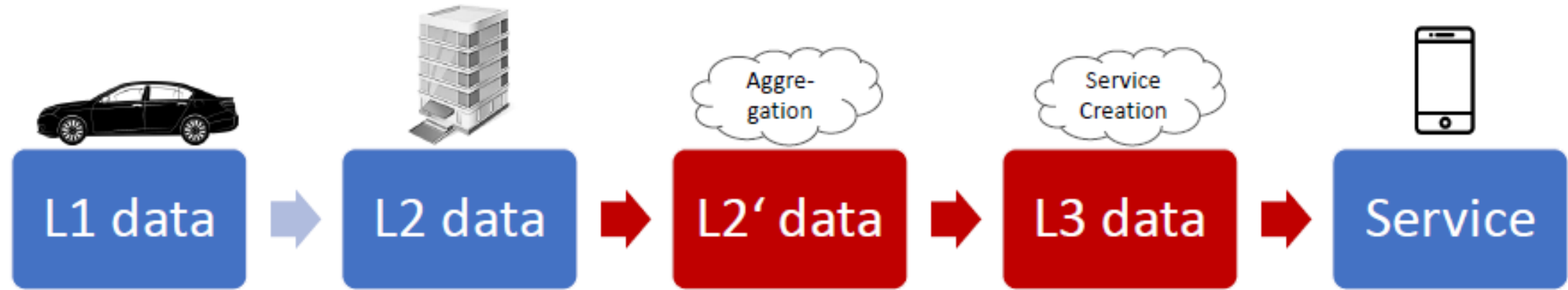
POLICY BACKGROUND



- **Basis : European Commission delegated Regulation of 15 May 2013 on sharing of safety related traffic information**
- **Principle: information on 8 events free of charge to end-users (drivers)**
 - **Unprotected accident area**
 - **Animal, people, obstacles, debris on the road**
 - **Temporary slippery road**
 - **Reduced visibility**
 - **Exceptional weather conditions**
 - **Short-term road works**
 - **Wrong-way driver**
 - **Unmanaged blockage of a road**
- **Cooperative approach : no free riders in the system**



TYPES OF DATA AND ROLES

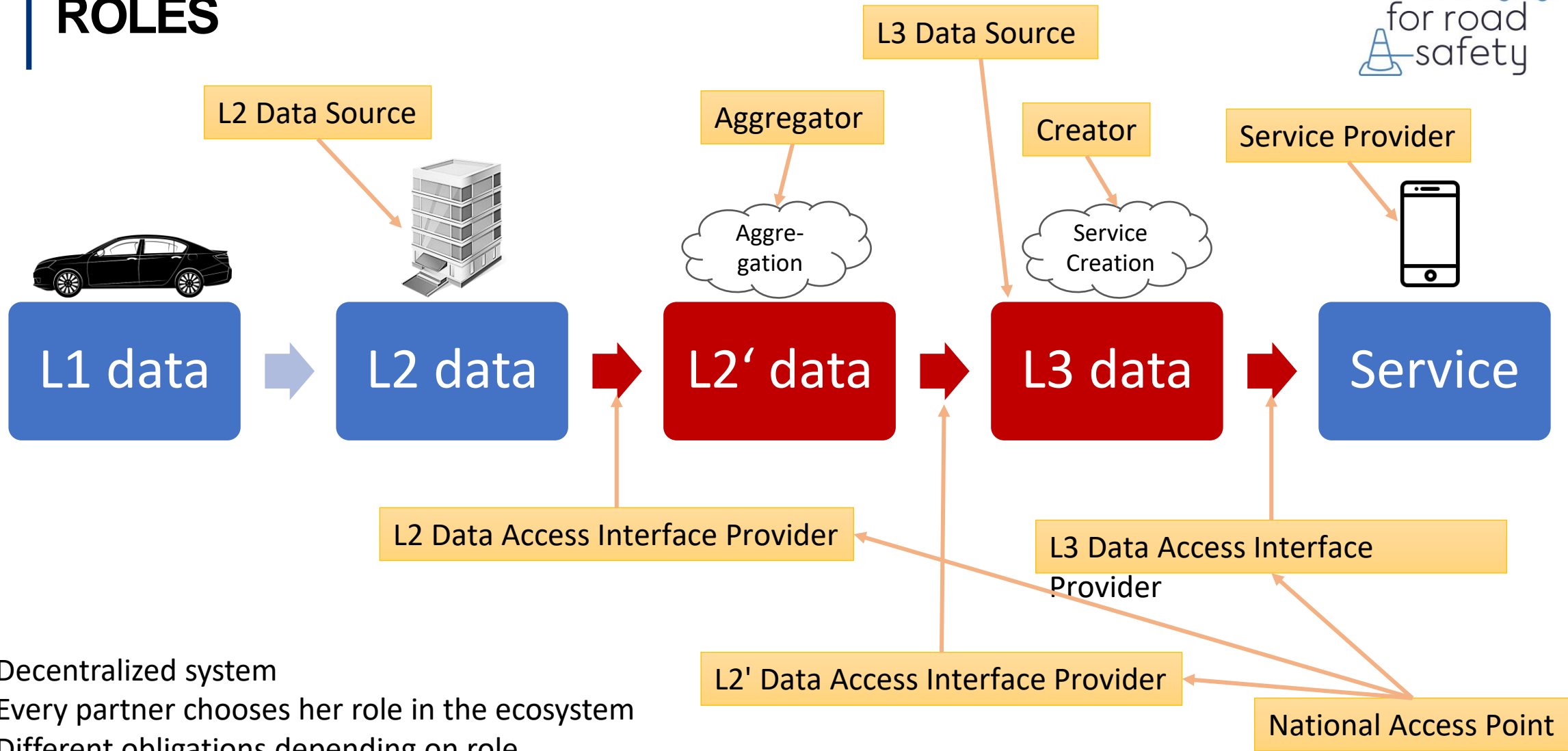


- Raw sensor data
- Doesn't leave vehicle

- Mass data from individual vehicles
- Various data types depending on OEM/fleet:
 - Accident / Broken Down Vehicle / Vehicle In Difficulty
 - ABS / Dangerous Slow Down
 - ESP Actuation / Traction Control / Traction Loss / Hydroplaning / Slippery Road
 - Reduced Visibility / Rear Fog Light Activation / Windshield Wiper Operation

- Intelligently clustered & combined
- (Possibly) validated with other data
- SRTI warning message suitable to warn drivers
- Eight SRTI categories defined in Delegated Regulation 886/2013
- Inform end users via various services and channels

ROLES



- Decentralized system
- Every partner chooses her role in the ecosystem
- Different obligations depending on role

MULTI PARTY AGREEMENT



- **Signed by all partners, 1 November 2020**
- **Elements:**
 - Roles and responsibilities of each Party
 - Definition and common understanding of data levels (L2, L2', L3)
 - Reciprocity and free of charge principle
 - Minimum data elements
 - Data protection/privacy
 - Use and reuse
 - IPR
 - Compliance
 - Governance/role of General Assembly
 - Miscellaneous
 - 2 technical annexes
- **Link:** https://www.dataforroadsafety.eu/images/Documenten/Multi_Party_Agreement_-_SRTI_Ecosystem_-_Data_for_Road_Safety_final_bundled_PDF_signed_version.pdf

QUESTIONS...



- **Links & leverage with other data spaces such as TISA, TN-ITS, Sensoris, ...**
- **How can the DFRS initiative guarantee a fair and trusted partnership between all actors? Co-operative approach, avoid free riders**
- **The principle of “free of charge” for the end user versus intermediaries to make events happen**
- **Close the loop: send back event to the vehicle to inform the driver via HMI/smartphone mirroring**
- **Quality of data assurance**
- **Commercial data streams versus B2G/G2B SRTI streams in the public interest: How to incentivise private industry data collectors/aggregators ?**
- **Which role could play the National Access Points ?**
- **Consent management in GDPR and ePrivacy directive/regulation**
- **One-stop-shopping for data ingestion, retrieval, publication**
- **Non-vehicle data sources that may be relevant for SRTI event creation**
- **...**