Evoluon Congress Center
Helmond Automotive Campus

Creating a new model for C-ITS message provision

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Content

- Background

- Aim

- Pilot

- Evaluation

Background

- NordicWay architecture - sharing of messages through a central cloud

- the vehicles need real time information

- the market in Finland will not produce an information exchange

- the evaluation study for NordicWay - the benefit-cost ratio for a widely spread C-ITS service in Finland >2
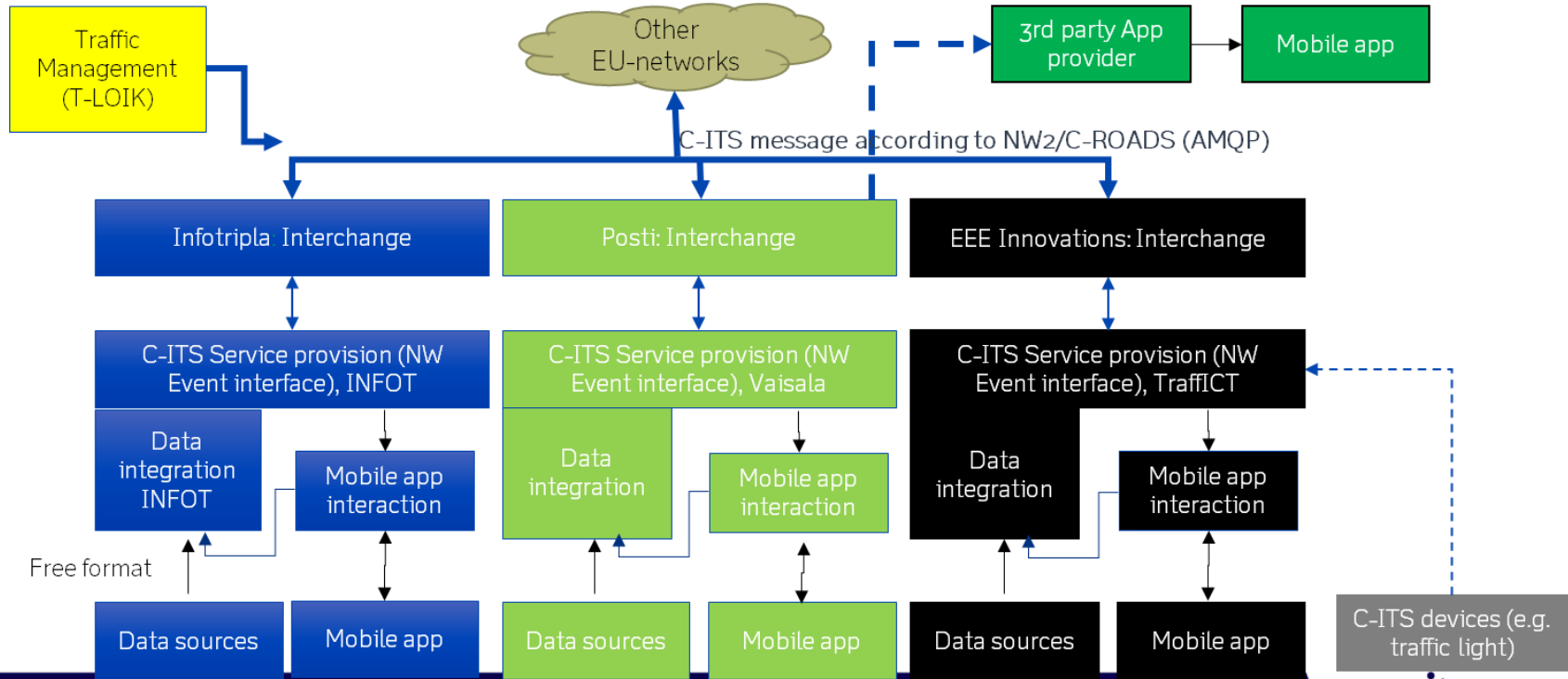
Aim of the Finnish C-ITS deployment pilot

- To share information that <u>enhance traffic safety and fluency</u>
- To create a <u>new way to share C-ITS messages</u> between traffic information suppliers so that the end user gets more information of better quality.

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Status of the deployment pilot

- Contracts with 3 suppliers, 16 subcontractors (service providers) in total
  - Each supplier sets up an interchange node
  - Each supplier is obliged to exchange their ecosystem's C-ITS messages with other suppliers via the interchange nodes
- Pilots running from 09/2019 until 05/2020

NordicWay2 Finnish architecture

Harmonised evaluations across

Quality of services

- Common KPIs to be utilised at all sites
- Joint summary of results per C-ITS service type across all implementations

User acceptance

- Jointly made survey to study the user acceptance among general public
- Local translations, local data collection
- Joint summary of results across all the countries

Ecosystems

- Jointly made script for the workshops
- Local workshops
- Joint summary of results across all the countries

Socio-economic impacts

- Jointly made assessment of the socio-economic impacts
- Update of NW1 FI evaluation for the whole region

Thank you!

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