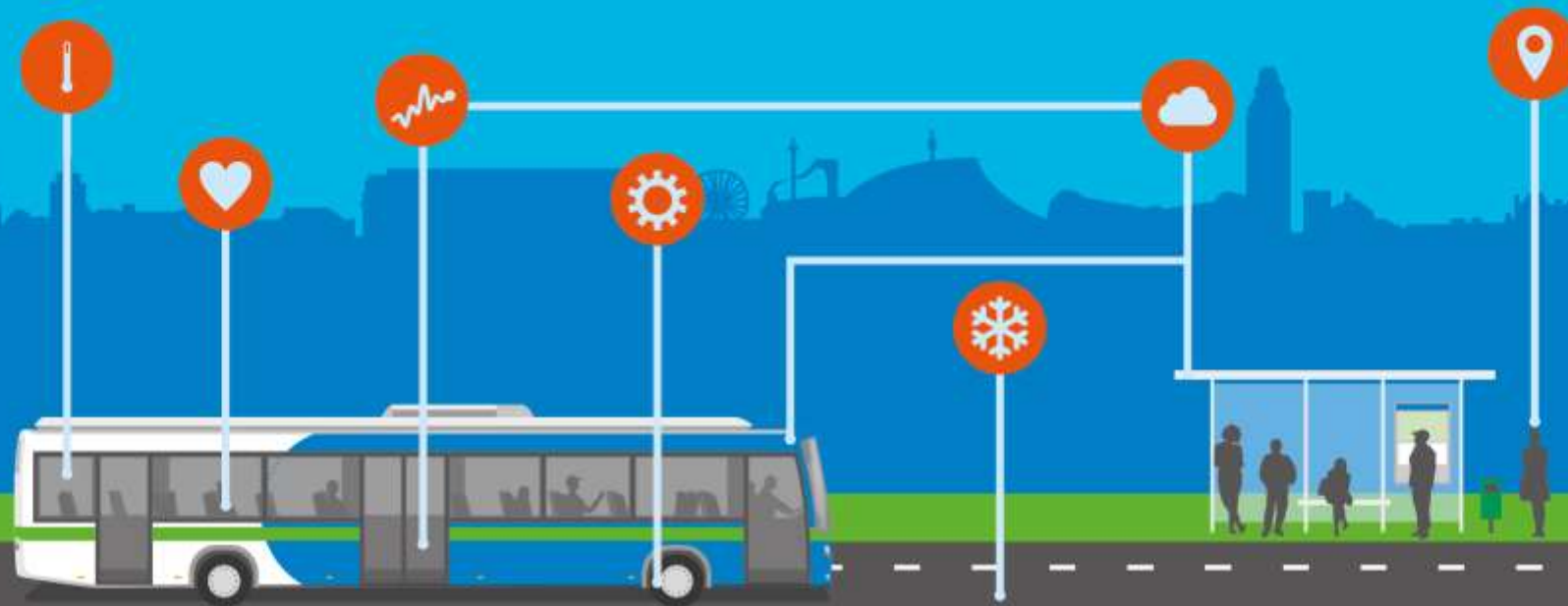


LIVING LAB BUS

Compass4D Webinar: ITS Living Labs in Europe, 16 Dec 2016

Juho Kostainen, VTT Technical Research Centre of Finland Ltd.



THE GOAL

Enabling and supporting faster development of mobility services through a concrete, open test environment in a real public transport context.



BUSES AS A PLATFORM

Real buses as concrete test platform

Electric buses deployed by end of 2016 in the Helsinki region and Tampere



VTT's test bus

Bus mule for prototypes and testing before deployment



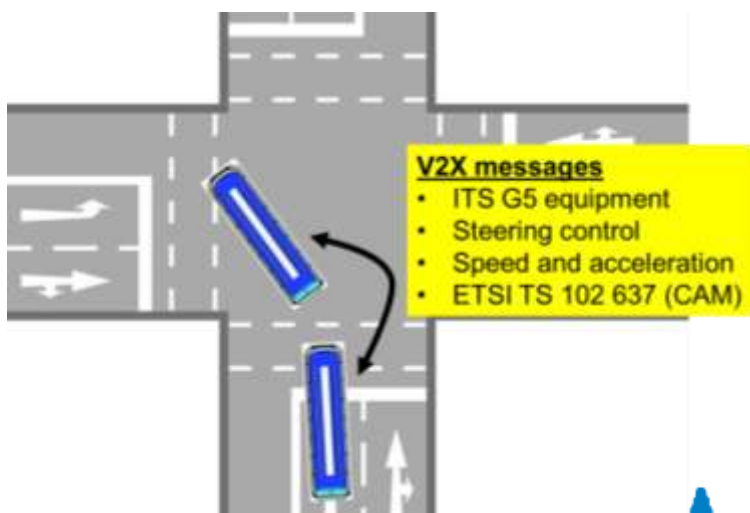
DEVELOPMENT

- Technology development and validation
- Data collection and contextual measurements from real use environment
- Service development and collaboration
- Service testing and user feedback



EXAMPLE: LINKKER FOLLOWING LINKKER

- Increasing transport capacity when needed
- Part of the fleet can be 'dummy' => bus platooning



OBJECTIVES

- **Open platform for technology and service providers** – development, testing and demonstration of new technologies and services
- **Quick prototyping and testing** – faster commercialization and credible verification and references
- **Real context and real users** – user acceptance, feedback and development ideas
- **Co-development ecosystem** – new mobility service value chains, and information exchange

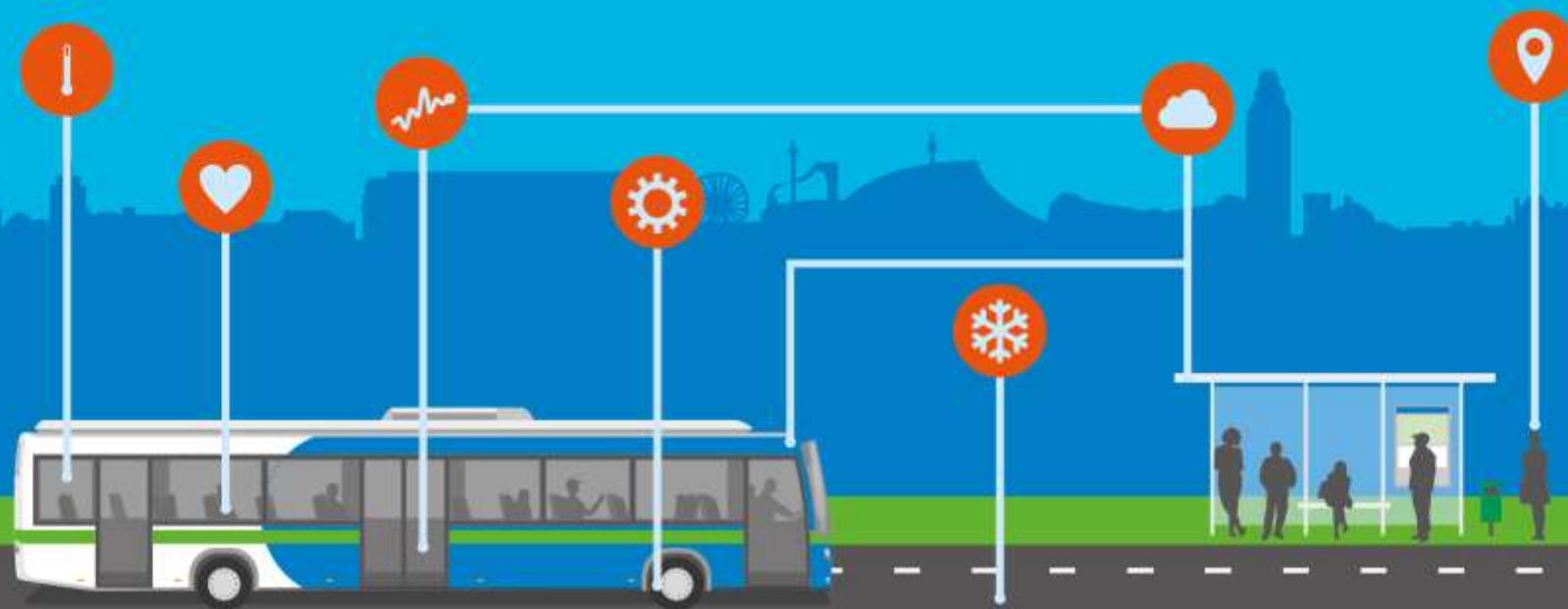


Living Lab Bus – Open innovation and test platform

Innovative electric buses serve as a test platform in real use environment.

Service and technology developers and providers are welcome to develop and test their solutions.

Real context and references – co-development and business ecosystem



THANK YOU!

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