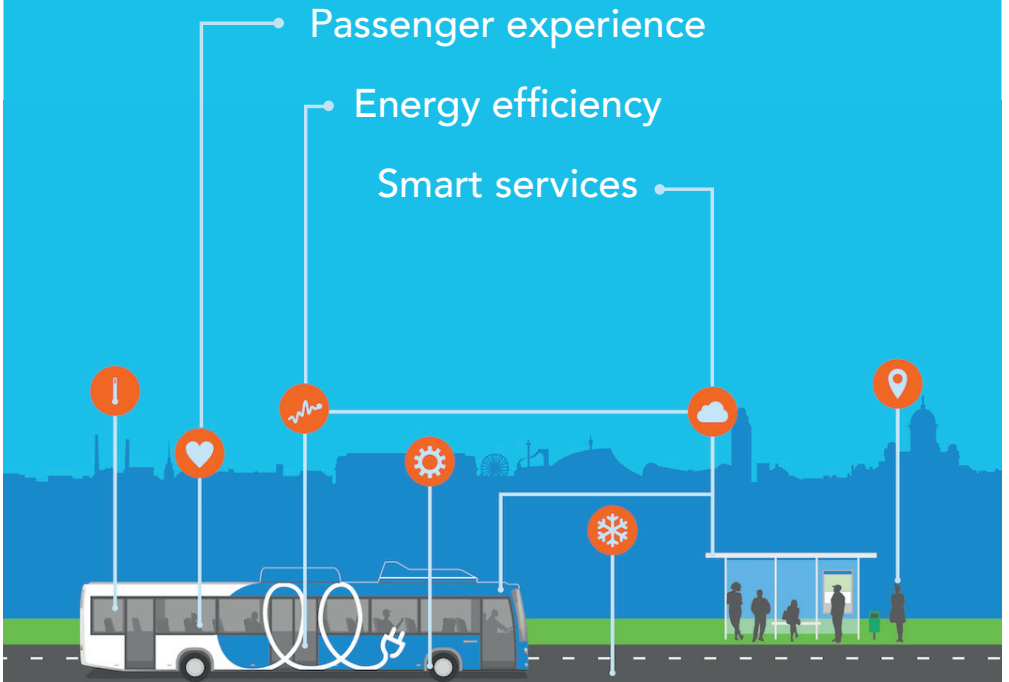


LIVING LAB BUS

# Living Lab Bus - Innovations and Electricity

[www.livinglabbus.fi](http://www.livinglabbus.fi) / [info@LivingLabBus.fi](mailto:info@LivingLabBus.fi)



**SIGN UP FOR THE DEMO**

*via congress app or Demo Lounge*

*Demonstration at 9:30-10:30 and 16:00-17:00  
each day during the congress*

# Real Life Test Platform

*Living Lab Bus solutions at ITSWC'18*



Passenger Engagement Tools



UNIVERSITY  
OF TAMPERE



Intelligent eMobility  
*Emission free buses*

**Linkker**  
Intelligent eMobility



Driving Optimization  
*Via CAN bus data*



Road Slipperiness Detection



Enhanced Weather Predictions

FORECA



Environment Perception  
for Automated Driving



Road Data Collection

**VAISALA**

# Paper Sessions

Tuesday 18.9.2018

15:30 – 17:00, TS23 – Seamless Travel, Paris (B5 M4)

*Cooperative Strategies and Operating Conditions for Living Labs on the Markets of Transportation Services*

Jani-Pekka Jokinen, jani-pekka.jokinen@aalto.fi

17:15 – 18:45, SP03 – Users' Needs and Social Factors 2, Nagoya (B4 M5)

*Passenger Transportation Analysis Using Smartphone Sensors and Digital Surveys*

Arto Perttula, arto.perttula@tut.fi

17:15 – 18:45, TS24 – Living Labs and Human Factors, Paris (B5 M4)

*Living Lab Bus Platform for IoT Service Development in Public Transport Context*

Olli Pihlajamaa, olli.pihlajamaa@vtt.fi

Wednesday 19.9.2018

09:00 – 10:30, TS29 – ITS For Ageing Population, Paris (B5 M4)

*Smart Mobility Services and Senior Citizens - A Framework for Co-creation and Analysing User Needs*

Virpi Oksman, virpi.oksman@vtt.fi

Thursday 20.9.2018

13:30 – 15:00, TS57 – ITS And Mobility, Berlin (B4 M1-2)

*Open Service Innovation Ecosystem for Public Transportation*

Juhani Linna, juhani.linna@sis.uta.fi

Friday 21.9.2018

09:00 – 10:30, TS73 – Testing New Approaches 2, London (B3 M3-4)

*Conducting Studies on Intra-City Bus Travel Experience: Insights and Lessons Learned in Living Lab Bus Project*

Elina Hildén, elina.hilden@tut.fi

*Hackathons for Innovation: Case Living Lab Bus and Passenger Game Bussig in Junction 2017*

Juho Kostiainen, juho.kostiainen@vtt.fi

# About the Project

Goal of the Living Lab Bus environment is to enable the development, testing and demonstration of various services and technologies by using innovative electric buses as a concrete platform in a real use environment. The innovation environment is implemented in co-operation with private companies and research organizations together with the support of the public sector. In addition to the those involved from the beginning, the project provides an open development environment for interested third parties.

- **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*

## Research Organizations



## Collaborating Companies



## Enablers and Supporters

