



eBussed – Building capacities for European-wide e-bus deployment



18.5.2022

eBussed Final Seminar, Hamburg
Aleksi Heinonen, Project Manager



**Interreg
Europe**



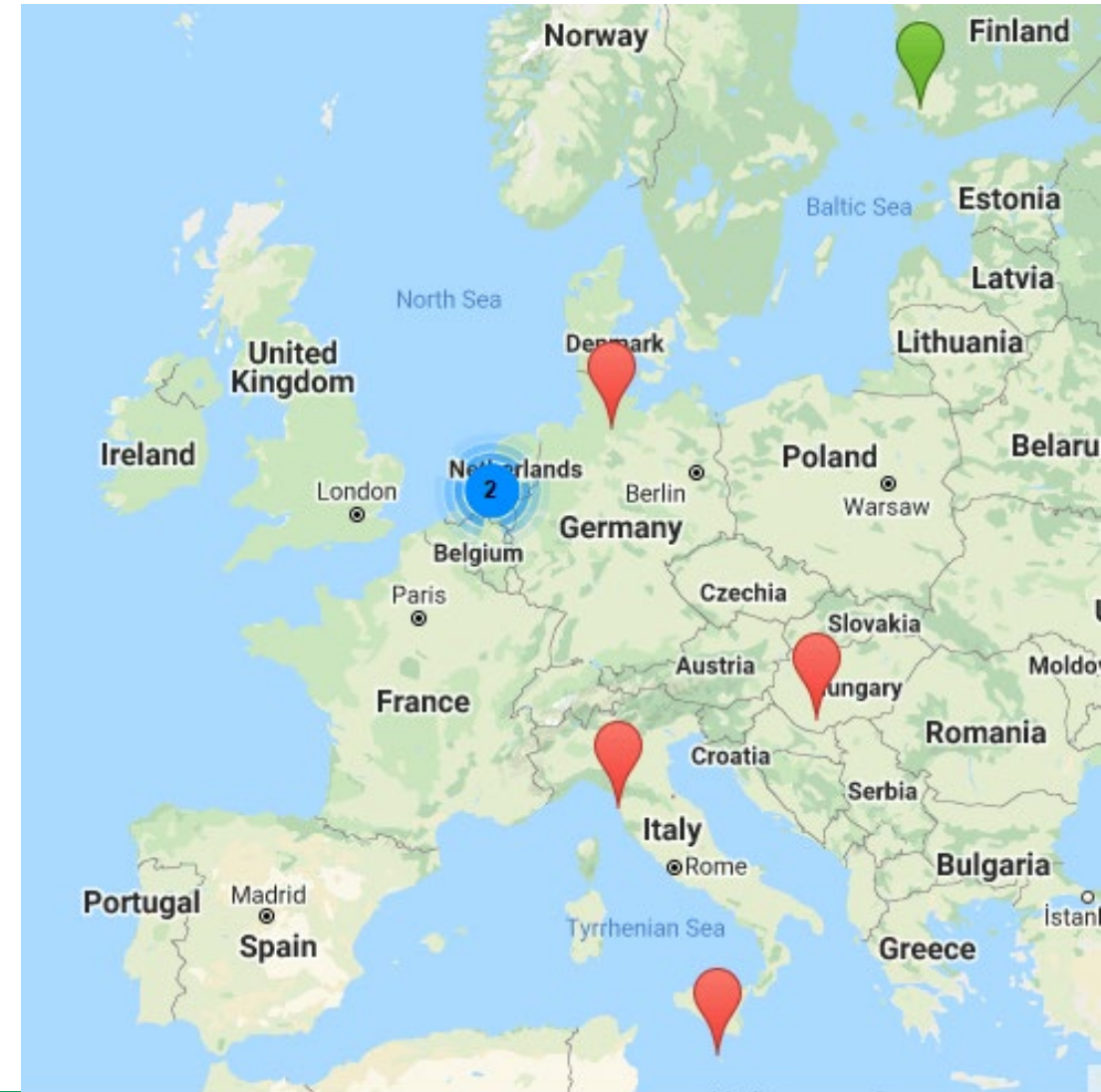
European Union | European Regional Development Fund

Consortium



7 partners, 6 regions

- Turku, Finland
 - Turku University of Applied Sciences (LP)
- Hamburg, Germany
 - Free and Hanseatic City of Hamburg
- Gozo, Malta
 - Ministry for Gozo
- Utrecht, Netherlands
 - HU University of Applied Sciences
 - Province of Utrecht
- South Transdanubian region, Hungary
 - South Transdanubian Regional Innovation agency



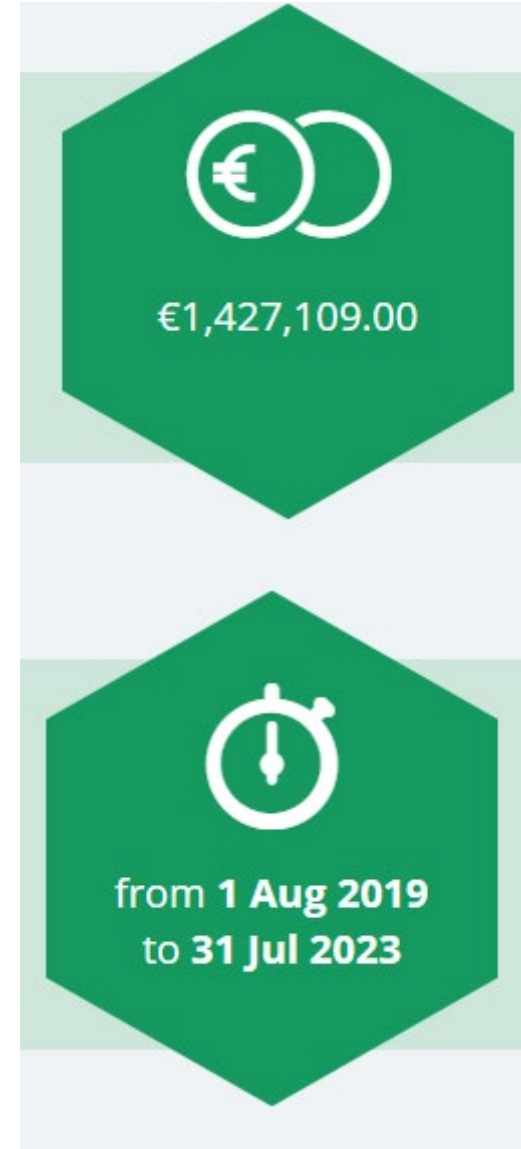


Project objective:

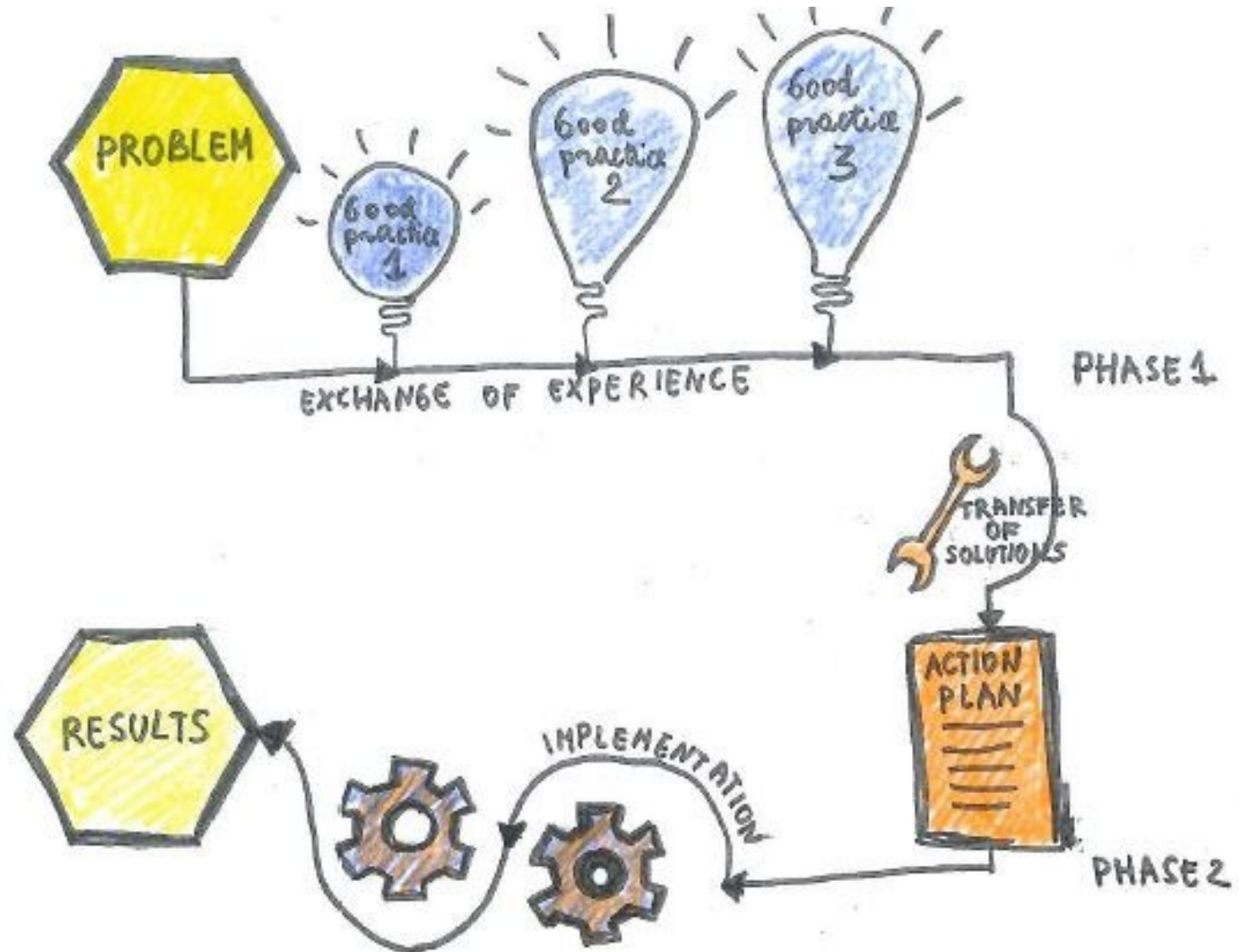
- Supporting the transition of European regions towards low carbon mobility and more efficient public transport.
- Promoting the uptake of e-buses in new regions and supports the expansion of existing e-fleets.

Implementation

- Four thematic working groups
- Close cooperation with regional stakeholders
- Cross-pollination of good practices between regions



Main methodology





Four main themes and four working groups

Each thematic expert group focused on one of the four main themes



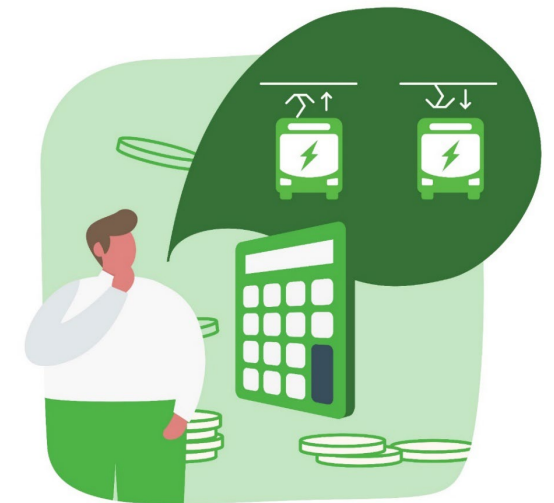
1. Drivers and Barriers



2. Technical requirements

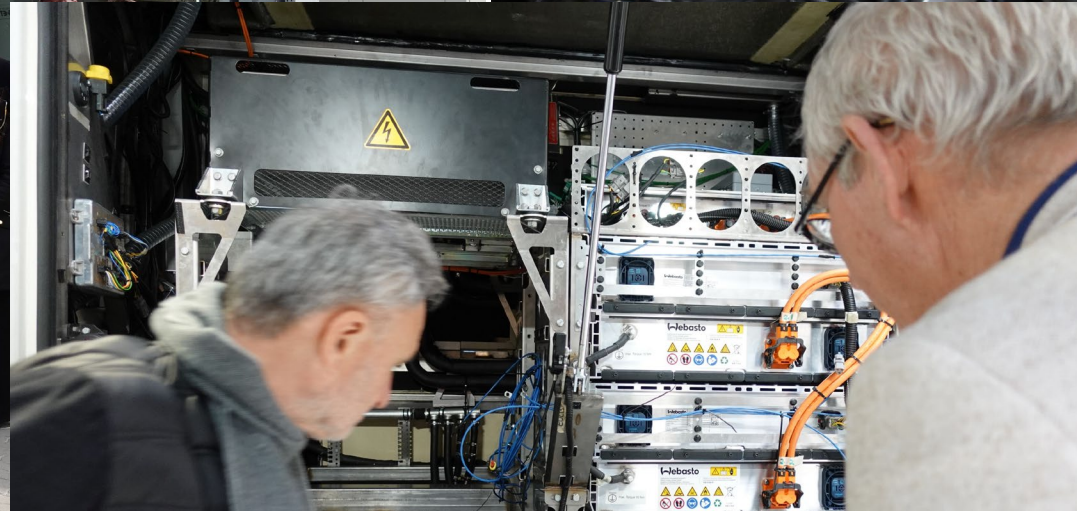
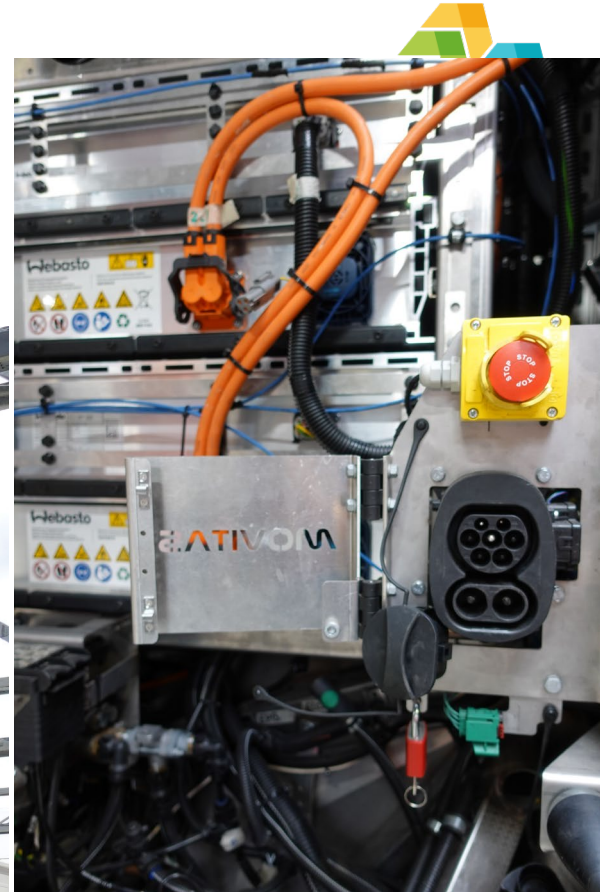


3. User Interface



4. Procurement and Business models

Interregional learning: EXPECTATION



REALITY





Project events

- **Four Thematic Workshops (online)**
 - Drivers and Barriers
 - Technical Requirements in E-Bus Deployment
 - Awareness raising for the deployment of e-buse
 - Procurement and Tendering of Electric Buses
- **Two Tech webinars**
- **Utrecht Good Practic event (face to face)**

Slides, recordings and other kind of deliverables available on the project website



OTHER RESULTS AND DELIVERABLES

18 thematic articles on various topics




30+ Good Practices documented for easier replication on project website




Project good practices


A-Z



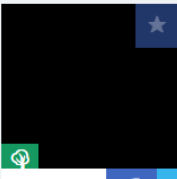
(Automated) Pre-conditioning of e-buses 19/08/2021
Pre-conditioning of e-buses uses grid energy for heating or cooling the interior and the battery pack while still connected to the charging point at the depot.
Location: Hamburg, Germany (Deutschland) **Project:** eBussed



A public bus operator as a piloting and... 03/02/2022
While most of the public transport is procured from private operators, a city-owned company operates some lines and is also used for monitoring and...
Location: Länsi-Suomi, Finland (Suomi) **Project:** eBussed



Bus loans in the Amsterdam Region 31/08/2021
The Amsterdam Transport Authority offers a bus loan to the operators, with lower interest rates than commercial banks, to maximize the number of e-buses.
Location: Noord-Holland, Netherlands (Nederland) **Project:** eBussed



Change management and information strategy... 19/08/2021
Short videos informing staff about ongoing and future changes and the reasoning behind can lead to a high acceptance of changes and help keeping staff on board.
Location: Hamburg, Germany (Deutschland) **Project:** eBussed

SHARE



Thematic Working Group reports



Thematic Working Group 1

**Drivers & Barriers, Readiness Indicators
and Good Practices for e-bus deployment**



Thematic Working Group 2

**Technological requirements
in e-bus deployment**



Thematic Working Group reports

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Thematic Working Group 3

User Interface

Human factors in e-bus deployment

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Thematic Working Group 4

Procurement and tendering of e-buses

Lessons learned were converted to Regional Action Plans



- Each Action Plan is inspired by project results and designed to improve a regional policy instrument
- Action plans will be implemented during phase II (08/2022-07/2023)
- Progress and policy impact is monitored by the project
- Each region will tell more about their action plan during this seminar



360 dissemination platform is underway



Draft version visible during the breaks



Thanks!

Questions welcome



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