

PROJECT

## ELINKKER

### Solutions for TCO optimized electrification of city bus systems

**Funding:** European (Horizon 2020)

**Duration:** Oct 2014 - Apr 2015

**Status:** Complete

**Total project cost:** €71,429

**EU contribution:** €50,000



**Call for proposal:** H2020-SMEINST-1-2014

[CORDIS RCN : 194655](#)

#### Objectives:

Linkker has developed a total cost of ownership (TCO) optimized concept for electrification of city bus systems. Linkker solutions are lightweight city buses, energy efficient battery electric vehicle systems (BEV system) and conversion kits for bus retrofits.

Objective of the 1st phase of commercialization is to study commercial potential of energy efficient bus system developed by Linkker in European cities, speed up the roll-out of energy efficient electric bus systems in a few selected cities in Europe for reduced emissions and lower TCO (Total Cost of Ownership). Faster transition will help cities achieve cost savings for public transportation quicker, reduce emissions faster and finally accelerate electric bus activities by European industry. This is our focus in Phase 1.

Long term objective is together with cities and bus operators to increase attractiveness of public transport with sustainable electric buses, which offer superior user experience.

#### Parent Programmes:

[H2020-EU.3.4. - Horizon 2020: Smart, Green and Integrated Transport](#)

**Institute type:** Public institution

**Institute name:** European Commission

**Funding type:** Public (EU)

#### Lead Organisation:

**Linkker Oy**

**Address:**

KORITIE 2  
15540 VILLAHDE  
Finland

**EU Contribution:** €50,000

#### Technologies:

Electric road vehicles  
EV bus

**Development phase:** Research/Invention

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Transport

**STRIA Roadmaps:** electrification

**Transport mode:** Road transport

**Transport sectors:** Passenger transport

**Geo-spatial type:** Urban