ZeEUS

Zero Emission Urban Bus System

Bringing
electrification
to the heart of
the urban bus
network

Coordinated by UITP, ZeEUS is a flagship electro-mobility project bringing together 40 partners representing the entire stakeholder spectrum: public transport authorities and operators, bus manufacturers, industry suppliers, energy providers, national and international associations, research centres and consultancies.

ZeEUS;

Zero Emission Urban Bus System



Extend the **fully-electric solution** to the core part of the urban bus network composed of high capacity buses

Evaluate the economic, environmental, operational and societal **feasibility** of electric urban bus systems through live operational scenarios across Europe

Facilitate the market uptake of electric buses in Europe with dedicated support tools and actions

Support decision-makers with **guidelines** and **tools** on "**if**", "**how**" and "**when**" to introduce electric buses

ZeEUS Observatory

An **Observatory** closely follows and discusses the progress of urban bus system electrification around the globe and contributes to its deployment strategies. Selected **observed and monitored demonstrations** will join the ZeEUS network.

Cities experiencing high capacity e-buses are invited to join the Observatory by contacting Pauline Bruge: pauline.bruge@ uitp.org



 ALEXANDER DENNIS LIMITED -Enviro400 Virtual Electric Concept



• IRIZAR i2e



SKODA Perun Battery Electric Bus



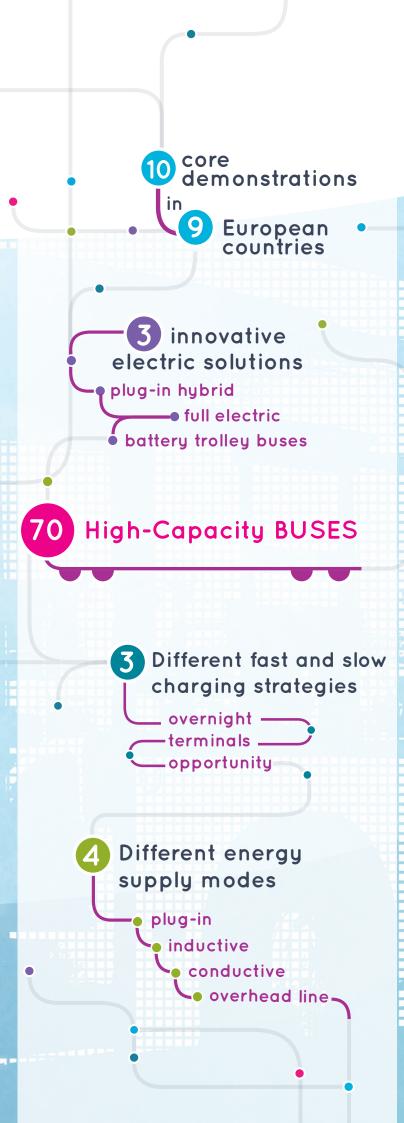
SOLARIS Urbino 18 electric



VDL Citea Electric



VOLVO 7900 Plug-in Hybrid Bus





With demonstrations in Northern Europe, Continental Europe and Southern Europe, electric urban buses will be tested in **different conditions**: geographical, climatic, environmental and operational.

Running in real operational scenarios with passengers, the bus vehicles are not prototypes but **series and preseries** products. The total number of vehicles taking part in the ZeEUS demonstrations is significant enough to perform meaningful statistical **evaluation** of the real impact of the solution on the operations.

ZeEUS in brief

Scope Testing electrification solutions at the heart of the urban bus system network through live urban demonstrations and facilitating the market uptake of electric buses in Europe.

Duration Nov 2013 - April 2017 [*42 Months*]

Budget 22.5m EUR [13.5 EU Funding]

Coordinator UITP, the International Association of Public Transport

ZeEUS; Partners

Zero Emission Urban Bus System











































































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