



# EUROPEAN BUS RAPID TRANSIT OF 2030

- > *Electrified*
- > *Automated*
- > *Connected*





## IN BRIEF

The eBRT2030 project seeks to support sustainable urban transport by proposing innovative solutions for electric Bus Rapid Transit (BRT). eBRT2030 will demonstrate the applicability of a new generation of eBRT systems in different urban contexts with innovative solutions that are economically viable and enhanced with new automation and connectivity functionalities. Ultimately, the main objective is to drastically reduce emissions, pollutants and congestion, supporting the transition towards zero emission sustainable transport across Europe.

eBRT2030 will work closely together with end-users to understand how the developed eBRT services can be improved to support the needs of citizens. Following this, the project will heavily focus on advancing passenger experience and enhancing mobility access of underserved areas, or regions with increased transportation needs.

An important focus of the project will be to translate and apply eBRT solutions not only in Europe, but also to tackle challenges on pollution and emissions in developing countries.



### Partners

49 partners from across Europe



### Coordinator

UITP (the International Association of Public Transport)



### Budget

€23 million



### Duration

January 2023 – December 2026

# SEVEN DEMO SITES ACROSS THE WORLD

## ADVANCING SUSTAINABLE URBAN TRANSPORT



### **Barcelona**

Upgrading a heavy-demand bus route with connectivity and high-service capabilities



### **Amsterdam**

Using an innovative hybrid charging system and smart control units to meet challenges of network capacity limitations



### **Athens**

Efficient hybrid mode charging EBRT



### **Prague**

In-Motion Charging of high demand bus line



### **Rimini**

Advancing emissions reduction, customer experience, safety and costs with EBRT



### **Eindhoven**

Advancing charging infrastructure and energy management



### **Bogotá**

Bogotá as basis for an international demonstration and validation cluster



**Find out more on**

[www.ebrt2030.eu](http://www.ebrt2030.eu)



@company/ebrt2030-project



@ebrt2030

## **eBRT2030 is proud to partner with:**

Alstom, Applus IDIADA, Arriva, ASSTRA, AVL, CERTH, Cenex Nederland, Connexion, Consorci Centre de Recerca Matemàtica, Dopravní podnik hl. m. Prahy, Ebusco, Elektroline, Enel X, ERTICO, FACTUAL Consulting, Fraunhofer, GRUPO ETRA, Heliox, ICCS, IRIZAR e-mobility, IETT, IVECO BUS, K2, Nemi Mobility Solutions, NTUA (National Technical University of Athens), OASA, Operadora Distrital De Transporte SAS (ODT), POLIS, RINA, Rupprecht Consult, Scania, Semitan, ŠKODA, Stadtwerke München, START ROMAGNA, SYSTRA, TECNALIA, TEMSA, trolley:motion, Transports Metropolitans de Barcelona (TMB), Trivektor Traffic, UITP, University of Bologna, UPC (Universitat Politècnica de Catalunya), UPCE (University of Pardubice), UEMI, Volvo Buses, VTT (Technical Research Centre of Finland), VUB (Vrije Universiteit Brussel)



**Funded by  
the European Union**