

Webinar - 14th October 2021 3pm CEST

Hydrogen buses Their time is... now?

Today there are over 120 hydrogen buses operating in Europe, with **plans to reach over 1,200 by 2025**. So, which is the **market potential** for fuel cell bus deployment? How to deal with the infrastructural aspects? Is this technology going to find its place in the urban environment or mostly in intercity routes?

The **opportunities, challenges and outlooks** related to fuel cell bus adoption will be put under the spotlight at the second and last webinar of the **Sustainable Bus Tour 2021**, which will be broadcasted on **14th October at 3 p.m. CEST**, entitled: '**Hydrogen buses. Their time is... now?**'.

The initiative, promoted and organized by Sustainable Bus, leverages on the mobility partnership of **Transdev and Keolis**, is enriched by the participation of representatives from the EU-backed Clean Bus Europe Platform (led by **UITP**) and involves a wide series of **public transport and industry players**. The first webinar, focusing on the topic of charging fleets of e-buses, was broadcasted on the 6th of May and gathered **1,649 registrations and over 1,000 single viewers**.

It's decades that hydrogen technology is thought to be 'ten years ahead'. Now things are changing. Building a hydrogen ecosystem is among the missions of the '**Next generation EU**' plans drafted by the main European countries.

Buses have been involved in fuel cell pilots ahead of time, before the battery-electric frenzy led to a massive – temporary – abandonment of H2. Which is currently being resumed with a refreshed perspective: some ten years ago, fuel cell technology was promoted as a solution for urban buses, while nowadays there is general agreement on FCVs as a future alternative to ICE for medium and long-range travel, from suburban routes to long distance transport. Anyhow, there is room for Class I fuel cell buses as well.

The Net Zero Scenario outlined by Bloomberg New Energy Finance in its Electric Vehicles Outlook 2021 reads: «Hydrogen fuel cell vehicles are expected to be some 16% of municipal buses on the road in 2050».

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KEYNOTE PRESENTATIONS

Efe Usanmaz, Manager Knowledge and Innovation Department at **UITP**

Lionel Boillot, Project Manager at Fuel Cells and Hydrogen Joint Undertaking (**FCH JU**)

THE FUTURE OF HYDROGEN IN PUBLIC TRANSPORT

Bart Kraaijvanger, Manager Zero Emission Programs at **Transdev Netherlands**

Thomas Fontaine, Managing Director at **Keolis Dijon**

Petra Piffer, General Manager at **SASA Bolzano**

Wolfgang Reitmeier, Head of Depots, Workshops and Electric Mobility at **VDV**

THE HYDROGEN BUS INDUSTRY CHAIN

David Yorke, Market Development Manager Europe at **Ballard Power Systems**

Eugen Holl, Vice President Research and Development at **Siemens CV**

Paulo Marques, Chief Technical Officer at **CaetanoBus**

Radiša Nunić, Director of Public Affairs for Hydrogen at **Worthington Industries**

Alexander Schabert, CCO and co-founder **ViriCiti**

Partners



CaetanoBus

BALLARDTM



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financed by the European Union