

Sustainable BUS

Webinars 2021

«A keen look at today's projects.
The focus on the **challenges**
public transport is facing.
The sector is heading toward
a **transition** that implicates a
paradigm shift»



Sustainable BUS

THE MEDIA

Sustainable Bus is the only international media fully focused on **clean buses and sustainability in the field of public transport**. It belongs to the editorial platform of the publishing house Vado e Torno Edizioni and it has established itself as an essential **tool** for professionals involved in the planning and implementation of low/zero emission public transport projects and operations.



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THE BACKGROUND

Sustainable Bus saw the light in 2018 in a specific historical and sociological framework. Urbanization and climate change are global challenges that ask public transport to change attitude. Public transportation is heading toward **a transition that implicates a new paradigm**. Future societies will be sustainable only if they will be able to grant both the right to an efficient mobility and to a cleaner air.

Since 2020, Sustainable Bus is technical **partner of UITP** for the Clean Bus Europe Platform (CBEP) and is providing the platform with news contents on clean bus tenders, orders, deployment.

THE MAGAZINE

In 2020, the experience developed on the webmedia was transferred (also) on paper, with the launch of **Sustainable Bus magazine**, which is published twice a year. It covers technical analysis, reports on market trends and key studies, vehicles' comparisons, interviews with major stakeholders, with a keen eye on the evolving scenarios of mass transit.

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SUSTAINABLE BUS TOUR 2021

Two webinars, two web events aimed at discussing **key issues** and outlooks with the participation of operators, manufacturers, providers of components and technologies. With a keen look at today's projects and the focus on the **challenges** the public transport sector is facing.

In 2021 Sustainable Bus will take part to the **Mobility Innovation Tour**, a series of conferences organized yearly (since 2018) by the publishing house Vado e Torno Edizioni with the target of discussing key trends and innovative opportunities in public transport involving bus producers, operators, institutions, PTAs, suppliers, stakeholders of public transport and sustainable mobility.

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WEBINAR #1

MAY 2021

'The electric depot. Charging and managing large e-bus fleets'

As the rollout of the first large-scale battery-electric bus fleets begin in Europe, the question of how to manage operations and charging procedures becomes paramount.

To date, many cities in Europe have launched small e-bus fleets in order to gain experience with zero emission bus operations. **2021 and 2022 will see the uptake of large scale deployment in many European cities**, based on their transition plans. Just a few examples: Berlin aims to switch the full bus fleet to electricity by 2030, in Paris the bus fleet is set to be converted to battery-electric and gas-powered drives by 2025. In the Netherlands, from 2025 on, newly bought buses for public transport can only be emission-free.

Not to forget, according to the EU's **Clean Vehicles Directive**, a minimum of 22.5% of all new buses ordered in 2021 across Europe will have to be zero-emission to comply with the legislation.

In such a scenario, the issue the sector is facing is **how to manage large e-bus fleets and which charging strategies to adopt** in order to allow efficient operations, ramping up progressively the e-bus deployment.

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WEBINAR #2

OCTOBER 2021

'Hydrogen buses. Their time is... now?'

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

A webinar to discuss state-of-the-art and outlooks concerning a technology which is gaining strong interest in the framework of the European Green Deal (it is worth mentioning the 9 billion euros strategy launched by the German government). Moreover, fuel cell buses are expected to disclose new possibilities for the long distance transport electrification.

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