

# 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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# Sustainable BUS

## 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

## 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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