



## 2018 EUROPEAN ZERO EMISSION BUS CONFERENCE

# Cologne, 27<sup>th</sup> & 28<sup>th</sup> November 2018

## Summary

After the success of the 2016 London conference, the **Zero Emission Bus** conference will return for a second edition in Cologne on 27<sup>th</sup> and 28<sup>th</sup> November 2018. The conference is organised under the patronage of the city of Cologne. The Mayor of Cologne, Ms Reker will open the conference.

The Zero Emission Bus conference brings together 300 policy makers, bus operators and industry experts to drive forward the realisation of zero emission public transport for Europe.

**National and regional policy makers** are under increasing pressure to provide clean solutions for the transport sector to improve air quality across Europe's cities and regions. The Zero Emission Bus (ZEB) conference aims to provide these solutions and inform policy makers of the different options available to them from the **battery and fuel cell electric bus** industries. Participants are invited to join the exchange of ideas on these innovative technologies, and how barriers to their effective roll out can be overcome.

The ZEB conference is also an open invitation to operators, industry players and investors alike to participate in a new wave of zero emissions technology for public transport and get involved in ongoing and **future European initiatives**.

Learnings from EU funded projects currently leading the way globally on zero emissions public transport will be shared throughout this two-day conference. Through European collaboration, the Zero Emission Bus conference will work towards **accelerating deployment** of both fuel cell electric and battery electric buses and cementing Europe's place as a world leader in these technologies.

## At the 2016 Zero Emission Bus Conference:





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### Why Cologne?

Cologne is the ideal city to host the next European Conference: The city is at the centre of Europe, and is home to some of the most ambitious zero emissions initiatives in the world, while is at the same timing facing air quality issues. Ambitious plans by the city authorities and bus operators such as Kölner Verkehrs-Betriebe AG (KVB) and Regional Verkehrs Köln GmbH (RVK) are already underway to clean up Cologne's air and decarbonise public transport. Indeed, both operators have started to implement zero emission solutions in their bus fleet.

Since 2016, KVB has operated up to 8 battery electric buses on the city's line 133. The next big step is that funding has been secured to procure 50 electric buses by 2021, to be operated in the city centre. In the surroundings of Cologne, two fuel cell buses from RVK have been in operation since spring 2014. Plans are underway to expand the fleet by an additional 30 fuel cell buses, as part of RVK's plan to replace its entire diesel bus fleet with zero emission alternatives from 2030 onwards.



*Battery electric bus in operation by KVB*



*RVK's fuel cell bus*



## Format & Agenda

### 27<sup>th</sup> November 2018: DAY 1

09:00-09:30 **Coffee and registration**

09:30-12:15 **State of Play: Why now?**  
*Political commitments and readiness level of ZE technologies. Are zero emission technologies ready for widespread deployment? What are the current status and prospects for zero emission buses?*

#### Lunch & Exhibition

13:30-15:45 **Affordability**  
*New financing and business models to reduce the cost of ZE technologies. How can ZE buses become more affordable?*

15:45-18:00 **How to make it happen: Policy & Operation**  
*Cities currently deploying ZE buses share lessons & best practices for implementing zero emission policies and guidelines for procurement. Operators and industry experts discuss overcoming challenges in early deployments and the impacts on operation & maintenance.*

#### Networking & Dinner

### 28<sup>th</sup> November 2018: DAY 2

08:30-09:00 **Coffee and registration**

09:00-11:45 **Scaling Up**  
*Looking to the future - bus & infrastructure manufacturers share details of their zero emission offers.*

11:45-13:30 **Big Plans: Global perspectives and announcements**  
*Large-scale plans for expanding ZE fleets in Europe and beyond. How can Europe be a world leader on zero emission technologies?*

#### Lunch & Exhibition

Conference End



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### Pictures from Zero Emission Bus Conference 2016

Among the speakers : Mayor of London Sadiq Khan and European Commissioner for Transport Violeta Bulc



*World-premiere: fuel cell double decker bus unveiled by Mayor of London at ZEB 2016; a room full of participants listening to the Mayor of London in City Hall*



*European Commissioner for Mobility and Transport Ms Violeta Bulc*



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*London City Hall: venue of the ZEB 2016*



*Cocktail event at London Transport Museum - ZEB 2016*