ZETEAM

Sustainable Bus Tour 2021 Webinar #1 – Operators' session



Ttransde



Transdev Group commits to developing a more sustainable public transport



One of the 43 articulated e-buses running in the city of Eindhoven (The Netherlands)

Sharing experience through a yearly event

- An event which brings together Transit Authorities, experts and operators to talk about projects, ambitions, share learnings and best practices.
- The 5th edition held remotely in December 2020 was an opportunity for 12 clients to join us as speakers.
- Almost 500 participants from 20 different countries attended these sessions.

Supporting the transition within the Group



Living-Lab zero emission 9

> A new environmental strategy to support our clients in addressing the green transition and meeting the Paris Agreement objectives.



A dedicated team of experts whose mission is to grow and share the Zero Emission knowledge for the benefit of our operations through an international community.

Today's webinar speaker



Tanguy Bouton Transdev Corporate Fleet Director

ZE Team Program Manager





Electromobility at Transdev, from scattered pilots to full fleet transformation



the mobility company

Sustainable Bus Tour 2021 Webinar #1 | May 2021

Points to be considered

Focus #1 – Selection of charging technology

Focus #2 – Low-carbon electricity to charge ZE buses

Location	Distance travelled (km/year)	Charging technology	Location			Electricity supply technology
AML	100 000			()	Quebec	100% hydropower
Valence	50 000			•	Brisbane	100% solar PV (rooftop)
Gothenburg	72 000			0	Valence	Green certificate (100% renewable)

> Charging technology is determined by the operational needs.

From an environmental perspective, low carbon electricity should be favoured to make "zero emission at tailpipe" relevant.



Key learnings from our large e-bus operations



As a conclusion...

- The transformation of Transdev bus & coach fleet is an ongoing process
- Our alternative fuel fleet including Zero Emission is growing
- Battery-electric buses account for the majority of today's needs...
- ...but hydrogen-powered vehicles seem to be promising solutions in the near future



Bart Kraayvanger Transdev Nederland ZE Program Manager



ZE Team Expertise Manager



