Opportunities: the green technological shift
the BYD story

Isbrand Ho
Managing Director

BYD Europe B.V.
Climate crisis

Committed to net zero CO₂ emissions by 2050 at the UN Climate Action Summit 2019 (New York)

65 countries and the European Union
10 regions
102 cities
93 businesses
12 investors
Countries with fossil-fuel vehicle bans planned

<table>
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<tr>
<th>Country</th>
<th>Ban announced</th>
<th>Commencement</th>
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<td>Norway</td>
<td>2017</td>
<td>2025</td>
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<td>Netherlands</td>
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<td>2030</td>
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<td>Iceland</td>
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<td>France</td>
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<td>United Kingdom</td>
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<td>Sri Lanka</td>
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<td>Costa Rica</td>
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<tr>
<td>China</td>
<td>2017</td>
<td>TBA</td>
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Global electric bus sales share increasing

2017-2018

Electric bus registrations in Europe increased by 48% between 2017 and 2018.

2040

The global municipal electric bus fleet is forecasted to reach 1.3 million units by 2040.

Chatrou/BloombergNEF
BYD at a glance

2018 Group Revenue
€17.15 billion +22.79%

R&D Engineers
31,000

Employees World Wide
220,000

Patents
16,000
BYD at a glance

Four Core Businesses

- Electronics
- Automobile
- New Energy
- Rail Transit
BYD strategy

BYD ‘7+4’ Full Market EV Strategy to help to Manage Air Pollution
Delivered more than 50,000 pure electric buses and coaches GLOBALLY
Made in Europe for Europe

- European Headquarters
- Branches
- Production Sites
- Joint Production

Locations:
- UK
- Netherlands
- Sweden
- Germany
- Hungary
- Italy
- France
BYD European HQs

Rotterdam, the Netherlands since 1998
Hungary Factory
France Factory
Bus and coach in Europe

22 Countries
100+ Cities
1000+ Confirmed orders
China – UK Win – win cooperation

2013.03
BYD's UK branch was established.

2015.10
BYD and ADL cooperation signed.
China – UK Win – win cooperation

2015.10

BYD created a customized pure electric double-decker bus for London. Welcoming the official visit of Chinese President Xi Jinping, the Chinese First Lady Peng Liyuan, as well as the Duke and the Duchess of Cambridge.
China – UK Win – win cooperation

2016

Waterloo garage, first bus depot in Europe have been completely converted from diesel to electric.

2018.01

BYD partnered with University of Leeds, UK Power Networks, SSE Enterprise investigate vehicle-to-grid charging with a fleet of 30 electric buses. This is the first project to explore the V2G technology on this scale, and using public transportation as a basis, rather than individual EVs.
The first of 37 new, zero-emission, fully electric BYD ADL Enviro400EV double deckers were delivered to London bus operator, Metroline. Now, we have already topped 100 double deck buses.
Norway - 44 articulated eBuses
Norway - 55 eBuses order with Vy Buss
Sanitation

World's Largest Electric Sanitation Fleet

Beijing has ordered 1300 trucks in 26 different models, with gross weights up to 32 tons—for all types of sanitation applications.
Urban delivery vehicles approved by the world's leading logistics companies UPS & DHL
On May 8, 2018, BYD has signed contracts with two Shenzhen companies for 500 electric dump trucks (tipper trucks).
Warehouse Electric Forklifts

2016 IFOY winner

2018 IFOY nominee
World's 1st Zero Emission Marine Terminal

Port of Los Angeles is working with BYD
Airport

• Amsterdam, the Netherlands
• Brussels, Belgium
• Sydney, Australia
• Kansas and Los Angeles, the US
• Hong Kong, China
• Shenzhen, China
Mining

Battery-electric dump truck

Reduce heavy fuel consumption and pollutants
BYD Rail Transit Solutions

BYD SkyRail
Medium-capacity
10 - 30,000 pax/h

BYD SkyShuttle
Micro-capacity
6,000 pax/h
SkyRail

5 years of R&D

€800M technology investment

100% intellectual property
SkyShuttle

7 years of R&D

€1.3B technology investment

100% intellectual property
Thank you!

BYD Europe