

Table of Contents

PART 1: EXISTING AND EVOLVING EUROPEAN BUS MARKET

1.1 EXISTING EUROPE BUS MARKET

- Overview
- Current bus market size
- Impact of COVID-19 on the European bus market
- Existing bus rolling stock
 - By fuel-type
 - By country
 - By average age of bus fleet
- Growth of clean fuel buses and infrastructure in the last five years
- Ridership trends
- Key operators and operating models
- European market for secondhand buses
- Funding and finance
- Total cost of ownership of zero-emission buses: key case studies
- Fleet management of zero-emission buses: key case studies
- Autonomous buses for public transport and key pilots
- Key bus-related pilot projects
- Key emerging trends

1.2 IMPACT OF COVID-19 ON EUROPEAN BUS MARKET

- Short term and long term impact of the pandemic
- Impact on bus ridership
- Impact on operations
- Impact on operators (contracts, profitability, etc.)
- Demand of new buses
- Funding and stimulus packages
- Redefine commute and new mobility paradigms

1.3 KEY PLANS, POLICIES AND PROJECTS

- Sustainable and Smart Mobility Strategy, 2030
- EC's plan to recover from COVID
- European Green Deal
- Revisions to the Clean Vehicles Directive
- Revision of the Directive on Alternative Fuels Infrastructure (DAFI)
- H2Bus, JIVE, JIVE 2, CHIC
- Connecting Europe Facility (CEF)
- FABULOS, AVENUE, SHOW
- National level policies
- Key regional and state level policies
- Key city level policies

1.4 RECENT DEVELOPMENTS (12 months)

- Recent initiatives, plans and policies
- Recent contracts awarded
- Recent deployments
- Recent deliveries
- Recent funding and financing
- Recent technology developments
- Other key developments

1.5 OUTLOOK AND OPPORTUNITIES

- Growth drivers
- Market outlook and opportunities
- Forecast of bus demand
 - By fuel-type (electric, hydrogen, CNG, diesel, etc)
 - By fleet-type (standard, articulated, trolleybuses, etc)
 - By countries
- Planned fuelling/charging infrastructure
 - EV charging infrastructure
 - Hydrogen fuelling infrastructure
 - Natural gas fuelling infrastructure
- Investment projections for bus market
 - By fuel-type
 - By country
- Technology innovation for clean buses
- Key risks and challenges

1.6 KEY PLAYERS

- Competitive landscape
- Collaborations in the bus market
- Key bus manufacturers
 - Alexander Dennis Limited (ADL)
 - Alstom
 - BYD
 - CaetanoBus
 - EvoBus (branded Mercedes-Benz and Setra)
 - Irizar e-mobility
 - Iveco Bus and subsidiary Heuliez Bus
 - MAN Truck and Bus
 - Otokar
 - Scania
 - Solaris Bus and Coach
 - Skoda

Table of Contents

- Van Hool
- VDL Bus and Coach
- Volvo Bus
- Wrightbus
- Key infrastructure suppliers
 - Electric charging infrastructure
 - o ABB
 - o Ekoenergetyka-Polksa
 - o Enel X
 - o Engie Solutions
 - o Heliox
 - o Hitachi ABB
 - o Siemens
 - o Zenobe Energy
 - Hydrogen fuel cell and refuelling infrastructure providers
 - o Arcola Energy
 - o Ballard Power Systems
 - o BayoTech
 - o Haskel
 - o Hyzon Motors
 - o ITM Power
 - o Linde Group
 - o NEL ASA
 - o Proton Power Systems
 - Software providers for fleet management
 - o INIT
 - o IVU Traffic Technologies
 - o PSI Transcom
 - o Swarco
 - o ViriCiti

- New registration of buses by fuel type
- Future plans and policies for deployment of buses
- Future plans and policies for charging infrastructure as well as hydrogen refuelling station and infrastructure
- Forecast of bus demand by 2026 and by 2031
- Forecast of bus demand by fuel-type (electric, hydrogen, hybrid, diesel, etc)
- Autonomous buses/ shuttles developments in the country
- Recent development

List of 30 countries

- Austria
- Belgium
- Croatia
- Czech Republic
- Denmark
- Estonia
- England
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Italy
- Latvia
- Lithuania
- Luxembourg
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Scotland
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Ukraine

PART 2: COUNTRY PROFILES

Each country profile provides information in Excel on:

- Current rolling stock and fuel type
- Average age of current bus fleet
- Ridership
- Impact of COVID-19
- Key bus suppliers
- Existing fuelling/charging infrastructure
- Key fuelling/charging infrastructure suppliers
- Registrations of new buses in the last five years
- Registrations of used buses in the last five years