







#### 48 Employees in Europe

European headquarter in Denmark and represented in Germany, France and UK



#### Strong European partnerships

15 projects co-financed by European Commission and in total 50 co-financed European projects with numerous partners



#### Complete value chain

From R&D through product engineering, sales, manufacturing to after sales



#### 32 buses in service in Europe

52 buses in service by 2018 >150 buses by 2020



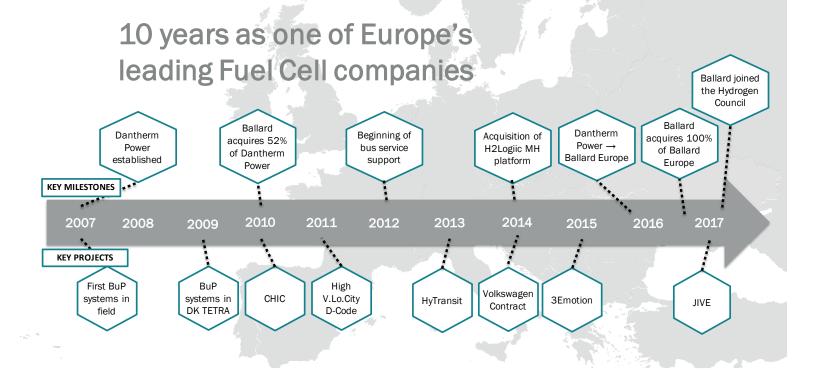
#### European competence center Fuel cell system development,

applications engineering, business development, sales and service

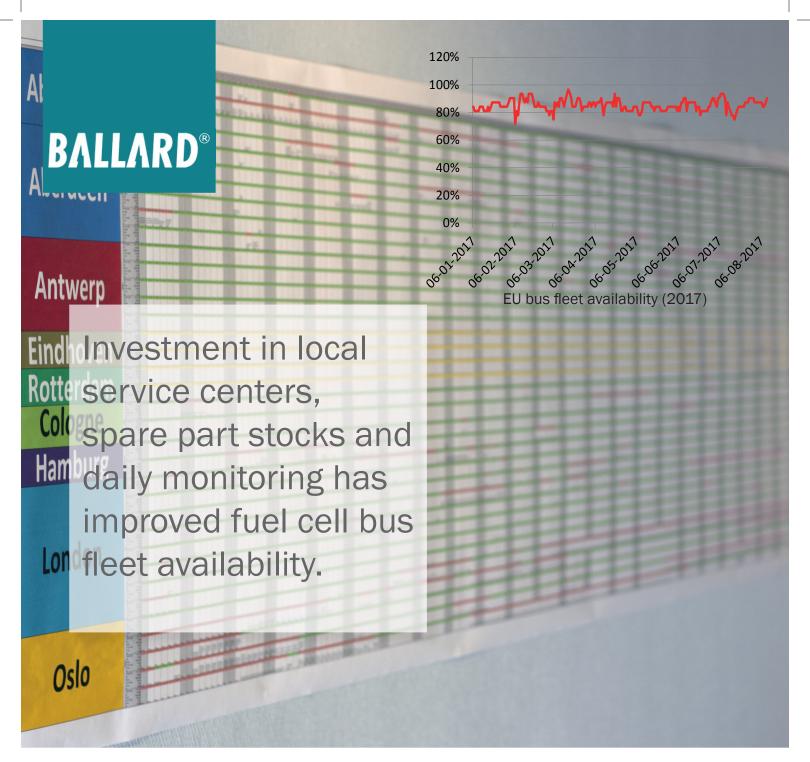


#### 450 stationary systems in Europe

More than 10 years of operational experience - more than 350 systems are currently still under service contracts from Ballard Europe





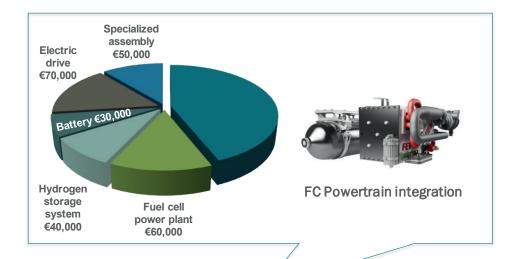










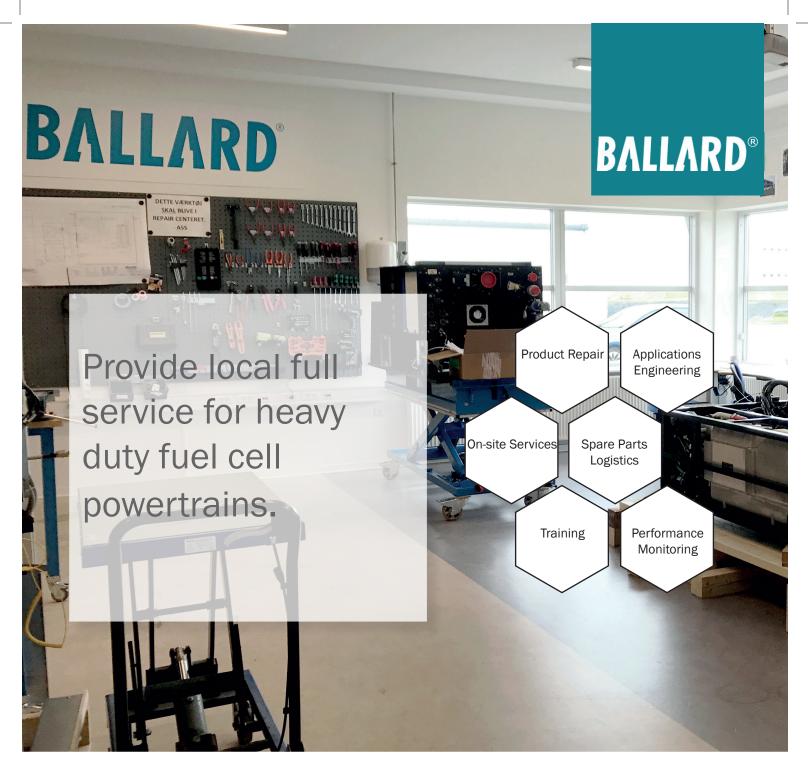


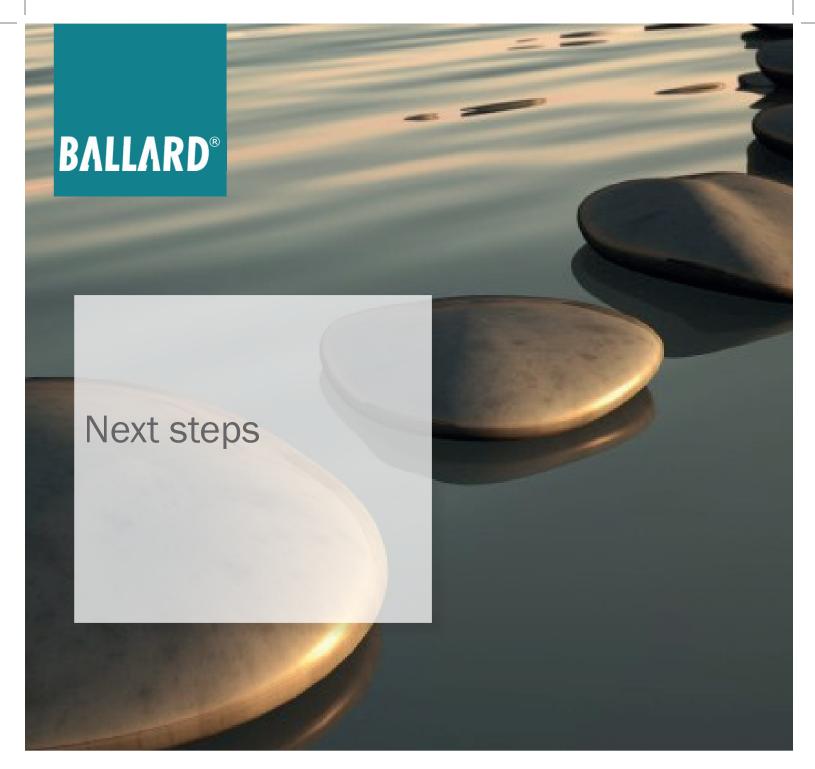
Drive fuel cell bus cost reduction with our partners to meet commercialization targets by 2020.













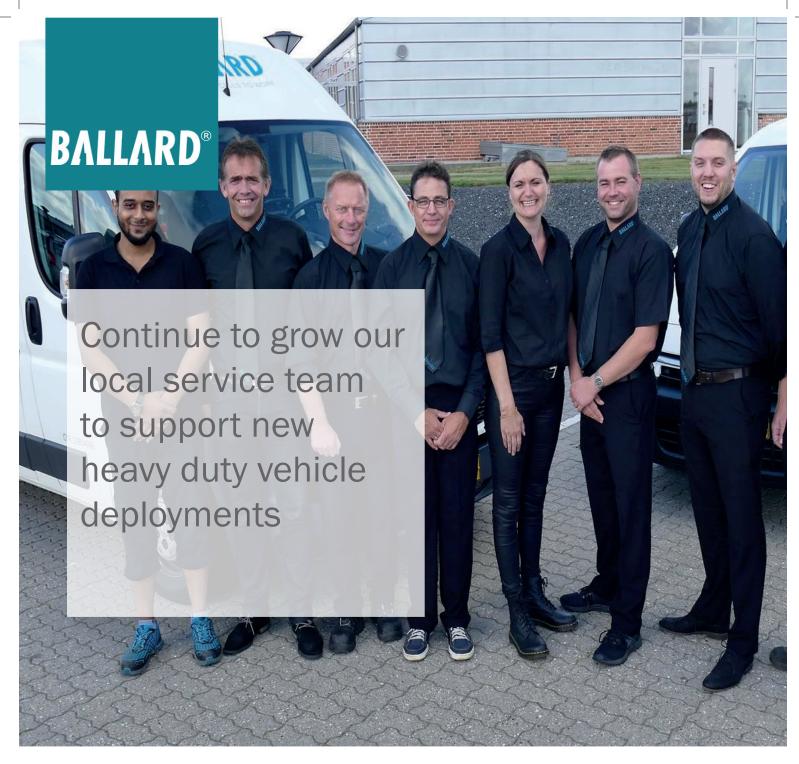
# Continue market development efforts

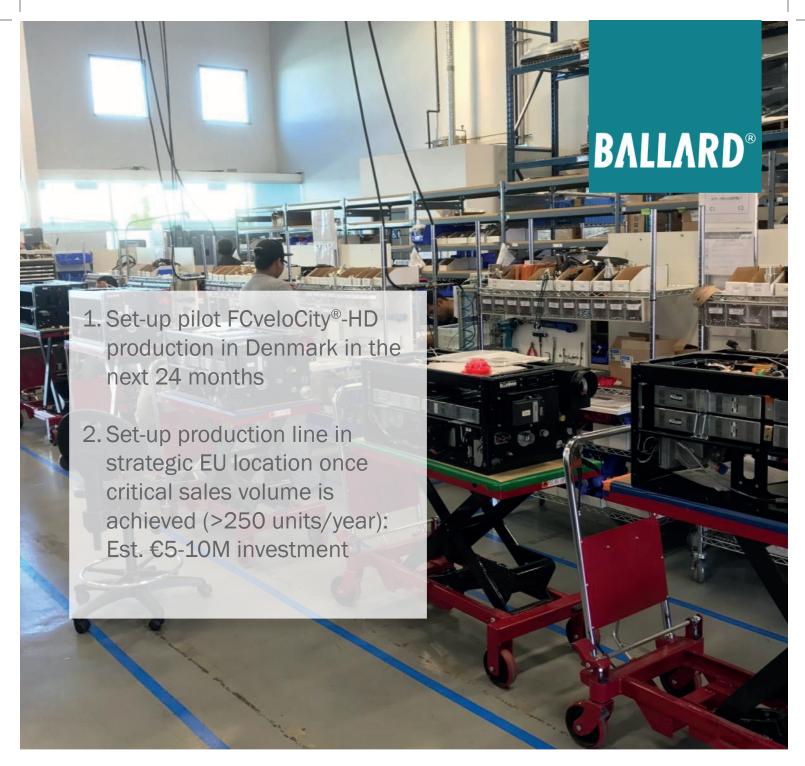
- Bus market: Develop partnerships to accelerate commercialization of fuel cell electric buses (FCEB)
- Develop adjacent motive markets:
  - Truck
  - Rail
  - Material Handling
  - Marine
  - UAVs
- Stationary systems: pursue sales of backup power system for critical infrastructures.







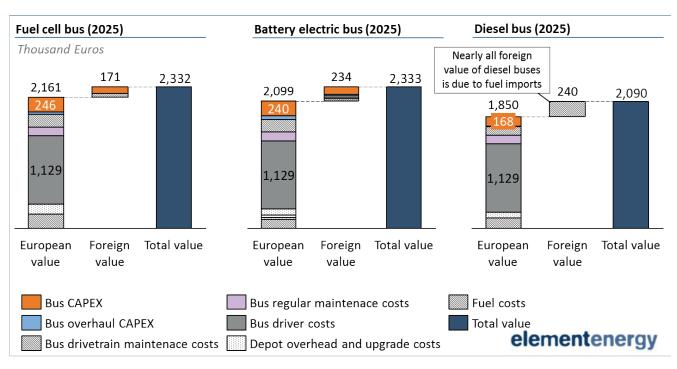




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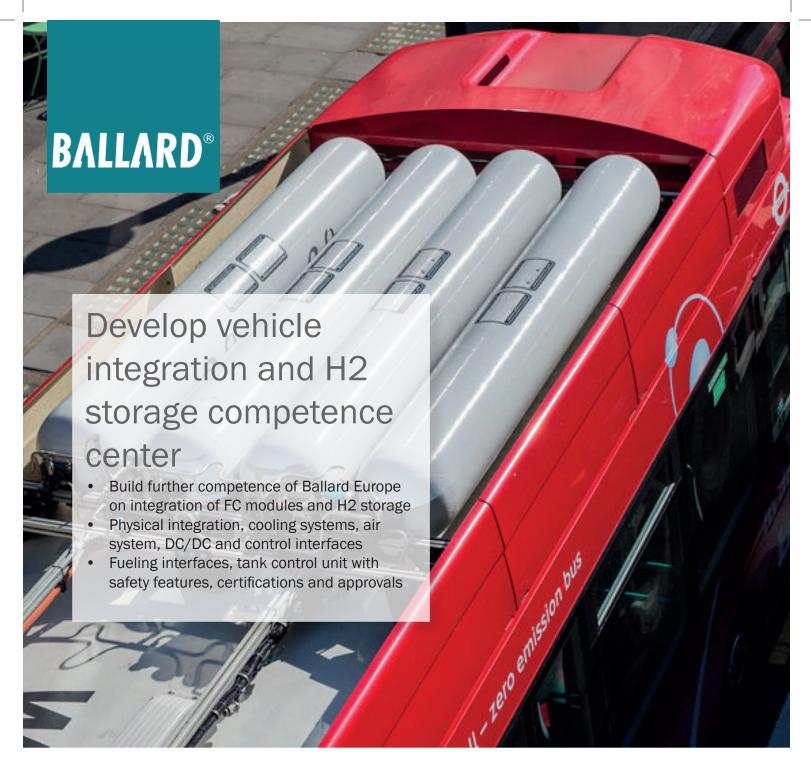
### Improve European value of fuel cell electric buses



- Fuel cell electric bus creates more European value than any other bus technology.
- Diesel fuel and batteries & drive trains for battery buses are main foreign value of buses
- Objective is to increase the European value of Ballard FCveloCity® heavy duty module to 50%



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## BALLARD

Committed to sustainable mobility and clean air for everyone.

