



EH GROUP ENGINEERING

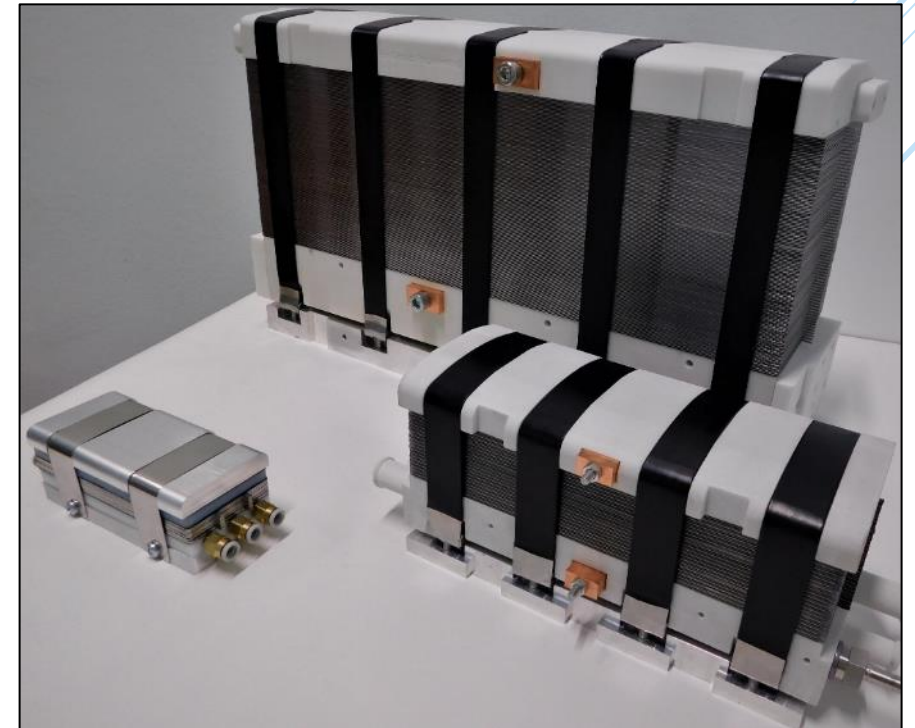


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EH Group Fuel Cell Technology

- Uniquely re-designed fuel cell stack at the microstructure level - more **compact, lightweight and efficient**.
- NEW concept of FC production
 - Continuous process with fully integrated assembly
 - **Significantly faster & cheaper at scale***: **< 100EUR/kW**
- Operates with **minimal effects of gravity** & in any orientation - great candidate for mobile applications;
 - Collaboration with



Technology Comparison

Parameters	Toyota (MIRAI)	Honda	PowerCell	Ballard (High Performance FC)	EHG FC STACKS
Volume Power Density [kW/L]	3.1	3.1	4.8	4.3	8.0
Weight Power Density [kW/kg]	2.0	2.0	2.9	2.7	4.0
Cell Pitch [mm]	1.34	~1	~1.0	N/A	<0.8



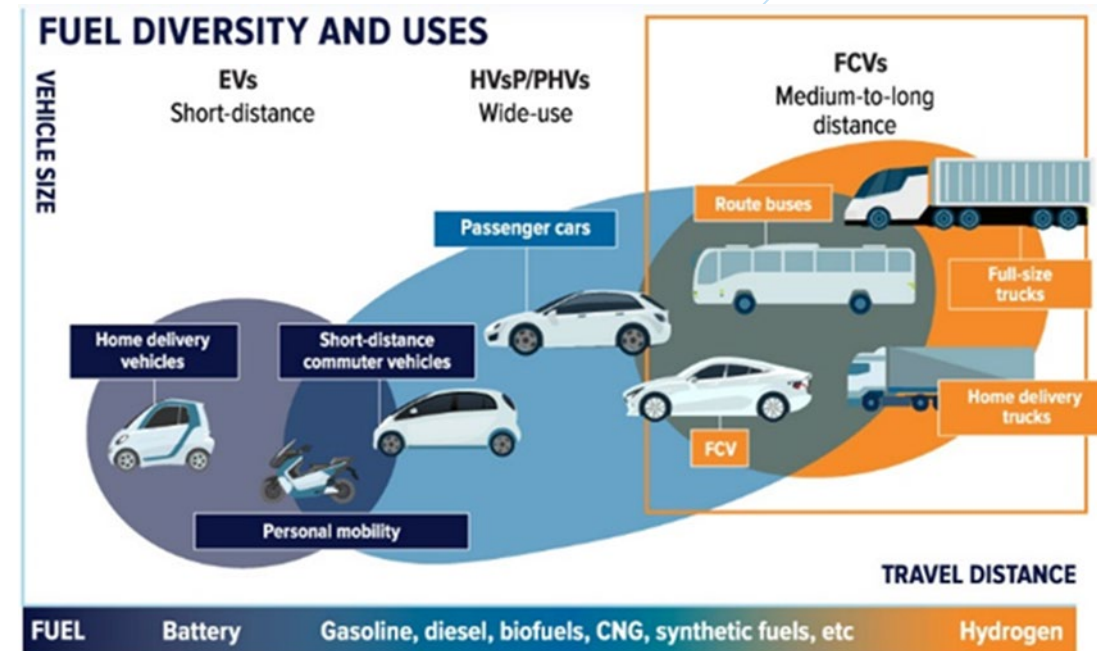
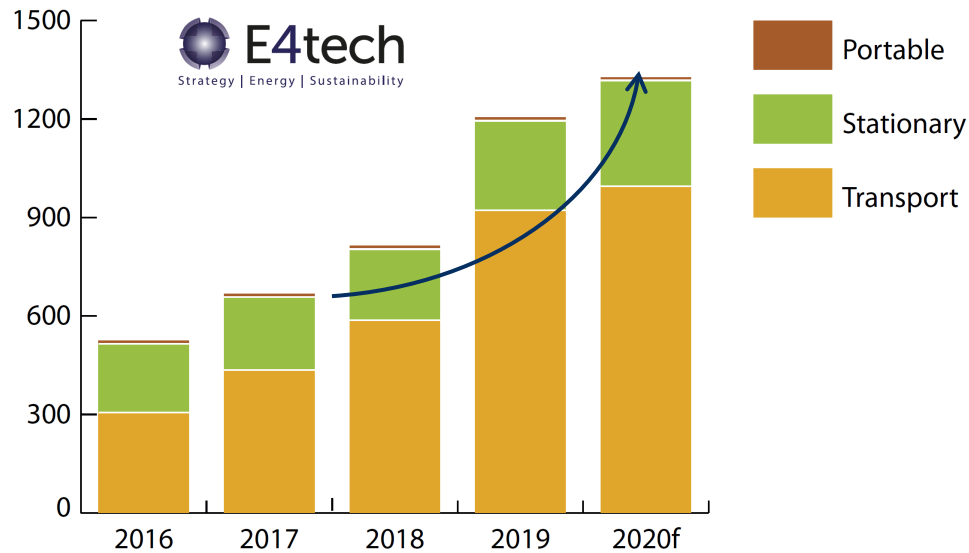
NOTE: data from other suppliers are collected from the public domain and EHG doesn't guarantee 100% accuracy

* At scale refers to 100,000+ units per annum



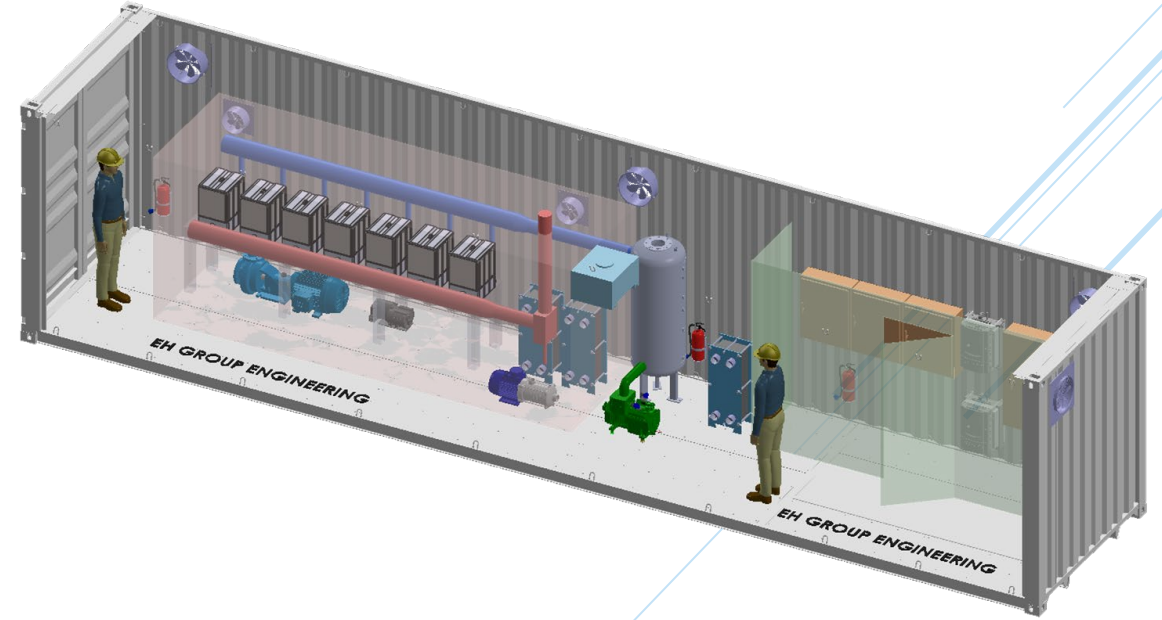
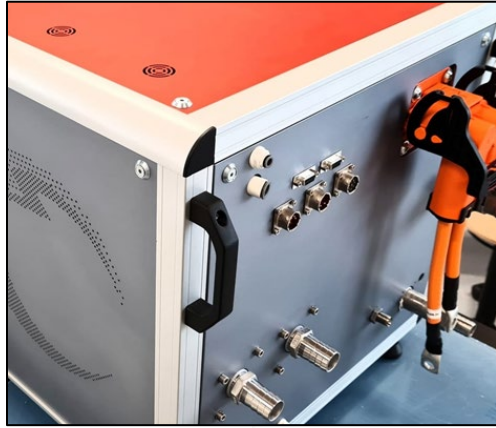
Global Market Opportunity

- **Compound growth of 25+%** projected till 2026, **TAM 21bio USD** in 2021
- **EU Green Deal**, China, Japan H2 National Strategies, etc
- Large stationary applications: EV chargers, data-centre backup power
- Focus on commercial and heavy-duty mobility:
trucks, rail, maritime, mining, forklifts





EH Fuel Cell Applications



- Stacks & systems deployed since early 2020
- From 10kW stacks to 250kW systems
- Wide range of commercial vehicles
- Off-road mobility, Maritime, trucking
- Stationary back-up power

