

PowerCell - Global Frontrunner in Fuel Cell Technology!

- Heritage from Volvo Group, the company was founded in 2008
- Innovative, unique and patented Fuel Cell and Reformer technologies
- Northern Europe's largest and state-of-the-art fuel cell and reformer laboratories
- All central functions located in Sweden approx. 45 highly skilled employees
- Listed on Nasdaq First North end 2014
- Market Cap end 2015: 1 396 MSEK



Mission

Our mission is to offer customers efficient environmentally friendly power products and systems with leading fuel cell and reformer technology for existing and future fuel infrastructure.

Vision

To be the world's leading innovative fuel cell company by:

- creating value for customers in selected segments
- innovative products and systems for existing and future fuels
- providing efficient products that reduce the environmental impact



PowerCell Product & Prototype Range

















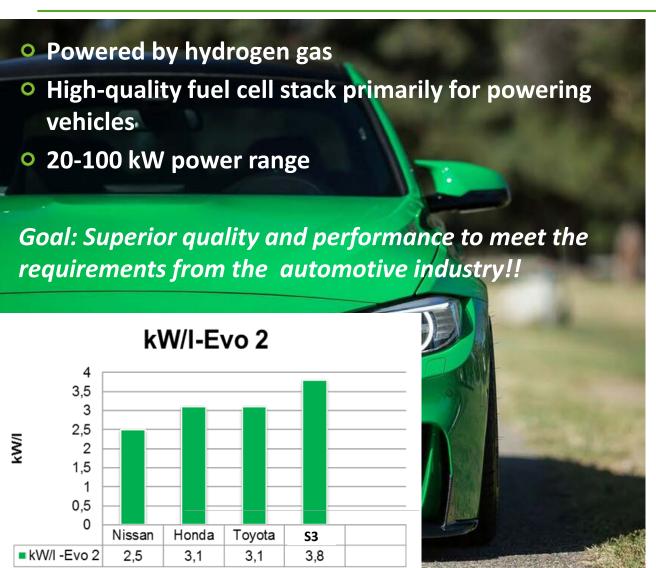








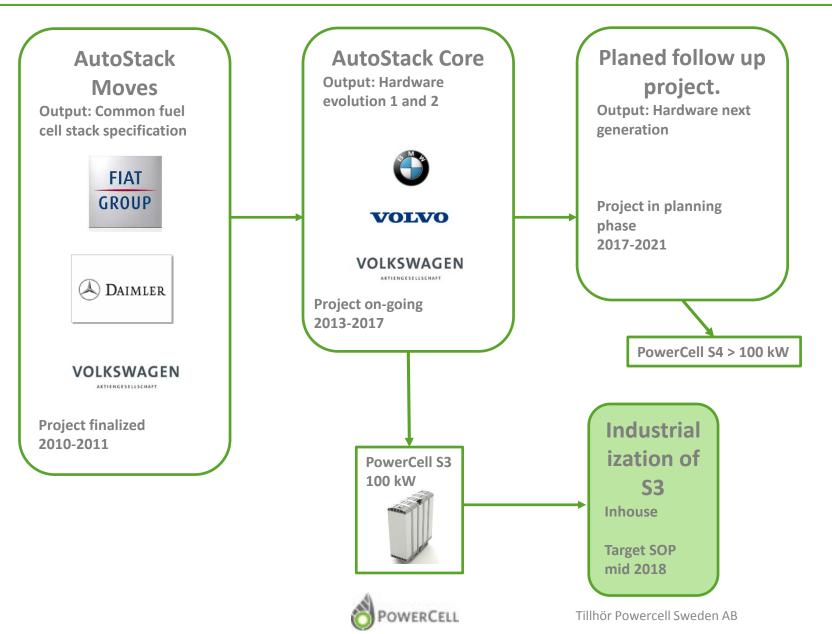
PowerCell S3 – in development



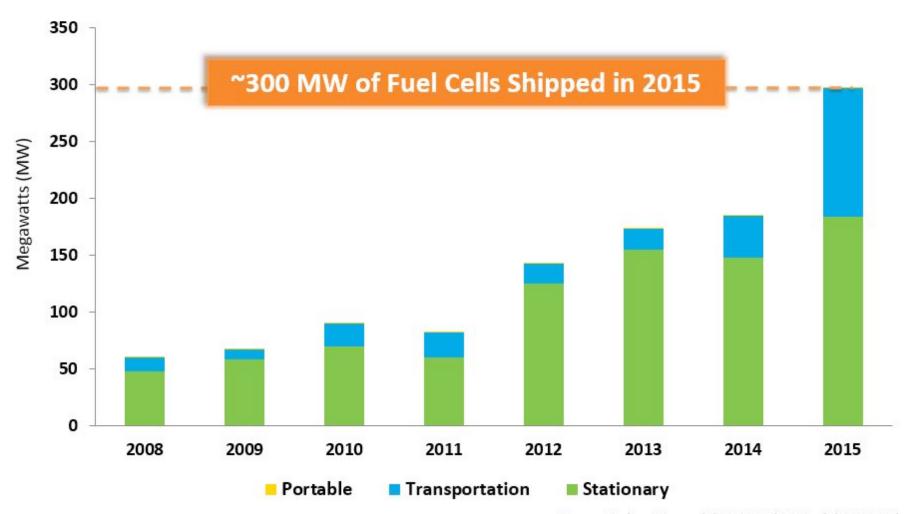




Development path S3



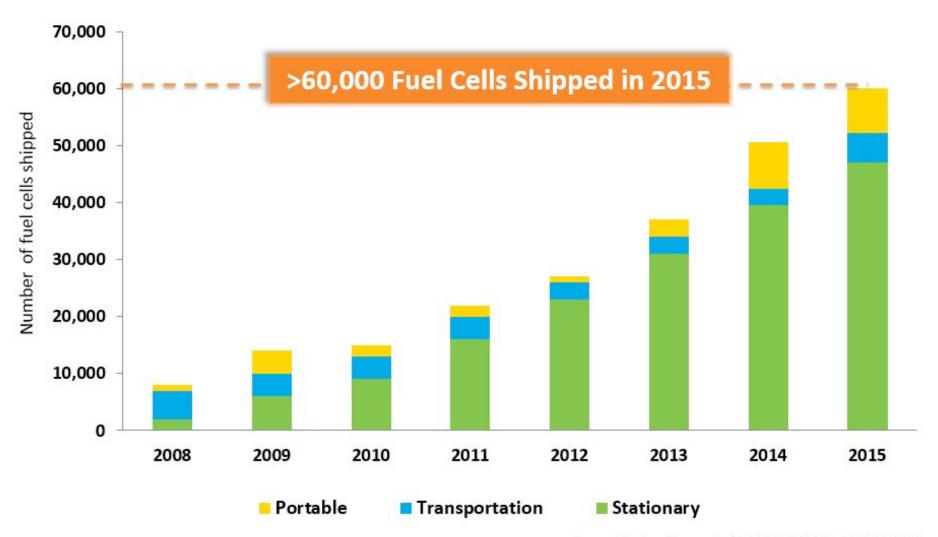
Megawatts of Fuel Cells Shipped Worldwide by Application



Source: Navigant Research (2008-2013) & E4tech (2014-2015)

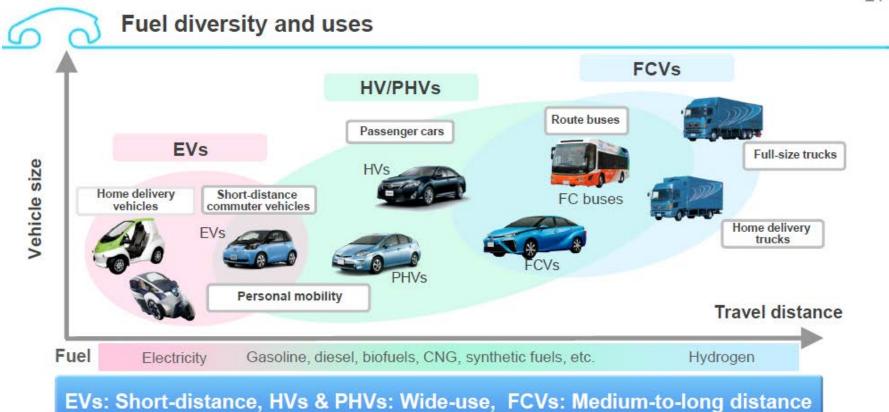


Fuel Cell Systems Shipped Worldwide by Application



Source: Navigant Research (2008-2013) & E4tech (2014-2015)





Rewarded with a smile

TOYOTA



Release dates for fuel cell cars



Photo: Daimler / Mercedez-Benz. Reproduced with permission.

Hyundai ix35 fuel cell: 2014

Toyota Mirai: 2015

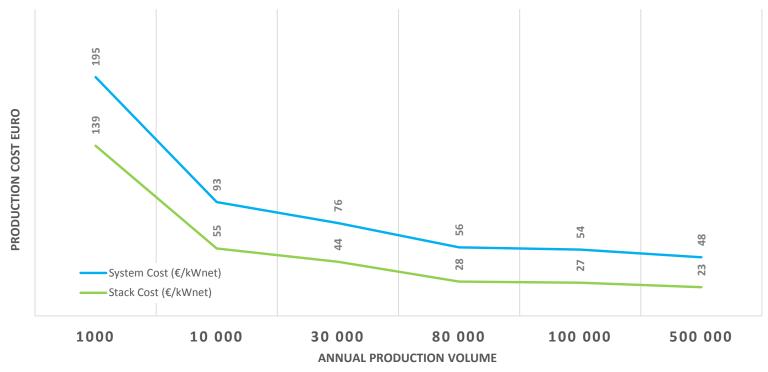
Honda Clarity: 2017

Mercedes-Benz GLC F-Cell: 2017



Critical factors for a broad FCVs market introduction – Customer acceptance

PRODUCTION COST ESTIMATION DOE 2015 BASED ON TODAY'S TECHNOLOGY

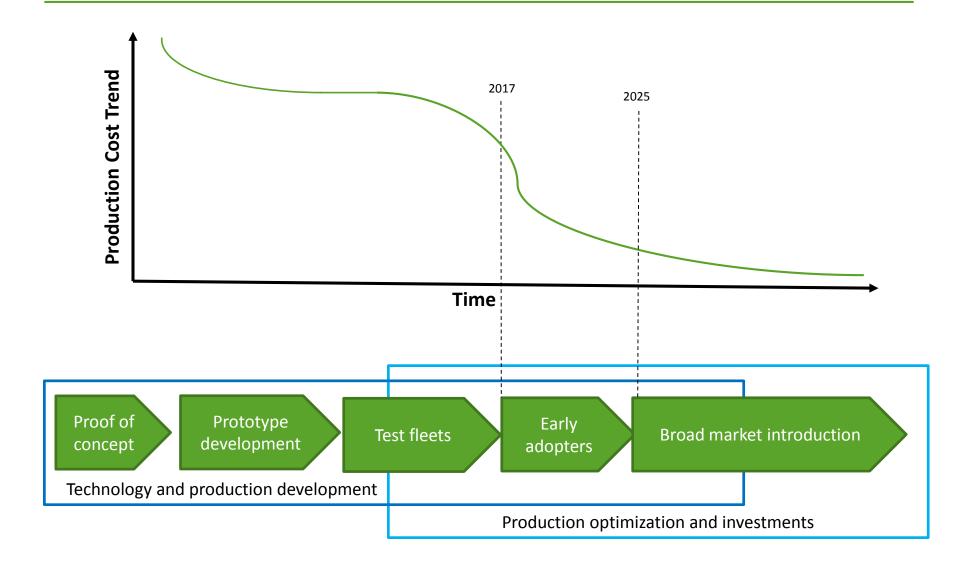


Source: DOE: "Fuel Cell System Cost - 2015" Ahluwalia et al.

- Reasonable price to end user (ultimate DOE system production cost target 27 € / kW_{net})
- Convenience, user behavior
- Environmental impact, local and global



Where are we now production cost wise?





Forskningsområden

- Demonstration och testning i verklig miljö behovs
 - För att användare ska förstå möjligheter och problem.
 - Leder till att nya forskningsfrågor kan definieras.
 - Ger synlighet och acceptens for tekniken.
- Idag stor glapp mellan svensk industrins behov och svensk forskning.
 - Demonstration och testning I verklig miljö kan minska gapet.

