

HYDROGEN PRODUCTS & TECHNOLOGIES

- Major technology progress achieved in last 10 years!
 - *Costs reduced by a factor of 20 over the period*
- Commercial products now being marketed across sectors and along the full Hydrogen value chain:
 - *H2 production (e.g. electrolyzers), H2 stations, Forklifts, Cars, Buses, Trains, Heating & Power Systems...*
- Growing manufacturing capacities across the world, which will yield additional cost decrease in coming years
 - *New plants announced in the US, Canada, Germany, Japan, Korea, China...*
- Developments driven by a dense ecosystem of large OEM's, specialized SME's and innovative start-ups

Hydrogen: Ready to scale!

Statoil logo to be added



BUSINESS & INVESTMENT OPPORTUNITIES

- Some viable markets today, leveraging cost-competitive products
 - *Material Handling, Captive fleets of vehicles (taxis, buses...)*
- Exponential growth underway in all addressed markets, supported by clear political backing
- No technical bottleneck to reach scale, but need to anticipate investments
 - *300 H2 stations worldwide today → 3 000 stations needed within 5-7 years*
 - *Investments to be multiplied by 10 over the period*
- Investments required along the full value chain, from product development, manufacturing lines to H2 infrastructure. **Get in early!**

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