



2026

EUROPEAN HYDROGEN ENERGY CONFERENCE

SEVILLE

11th · 13th March 2026

Lessons from Wind

Build electrolyzers like turbines, deploy them as wind farms!

Esben Baltzer Nielsen, Director Sales & Business Development

Innovation with impact

Build electrolyzers like turbines, deploy them as wind farms!



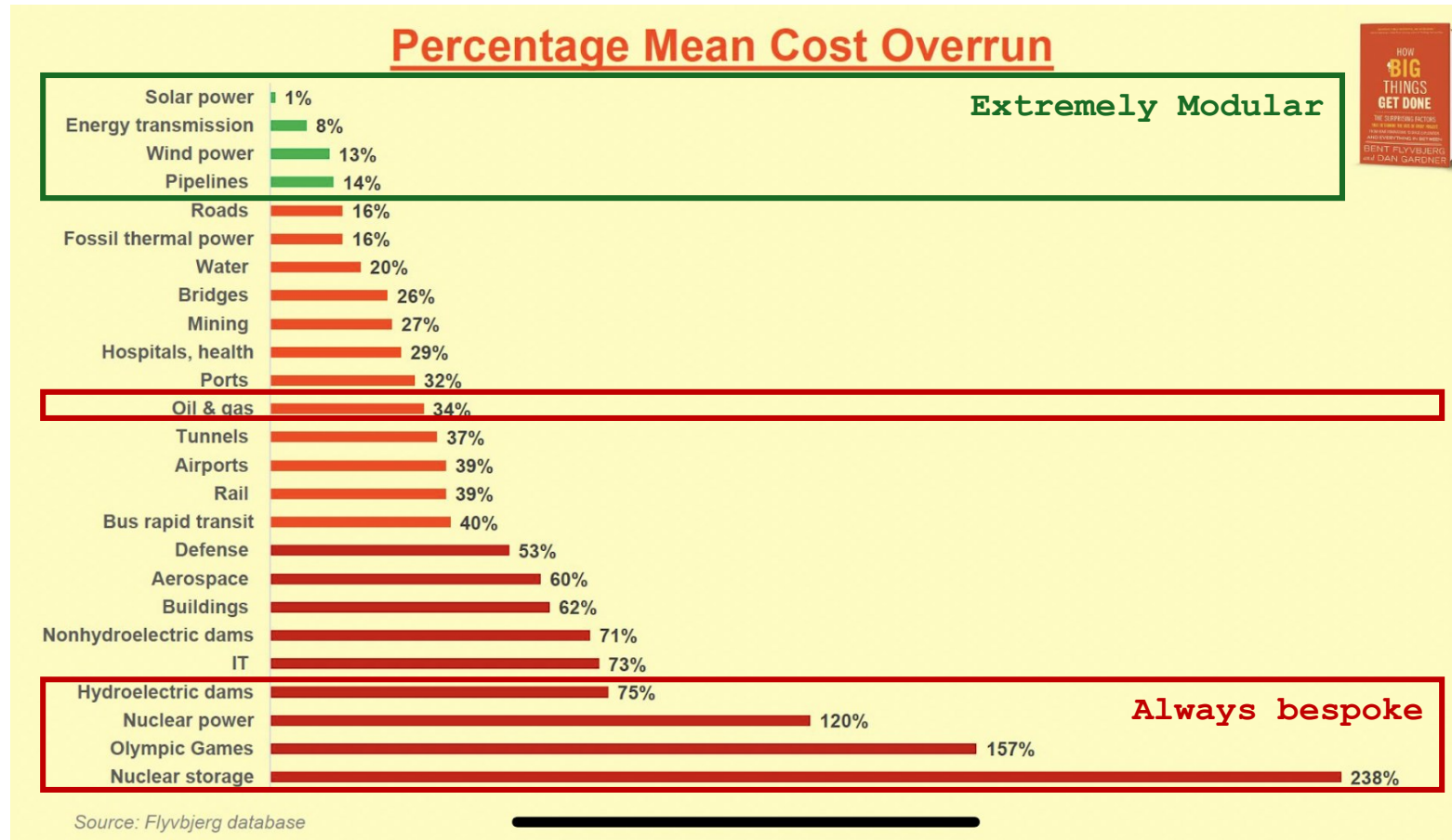
Private photo, Henrik Stiesdal



Siemens Gamesa Renewable Energy

Lesson from wind & renewables

How big things get done, Bent Flyvbjerg, Emeritus Professor, University of Oxford



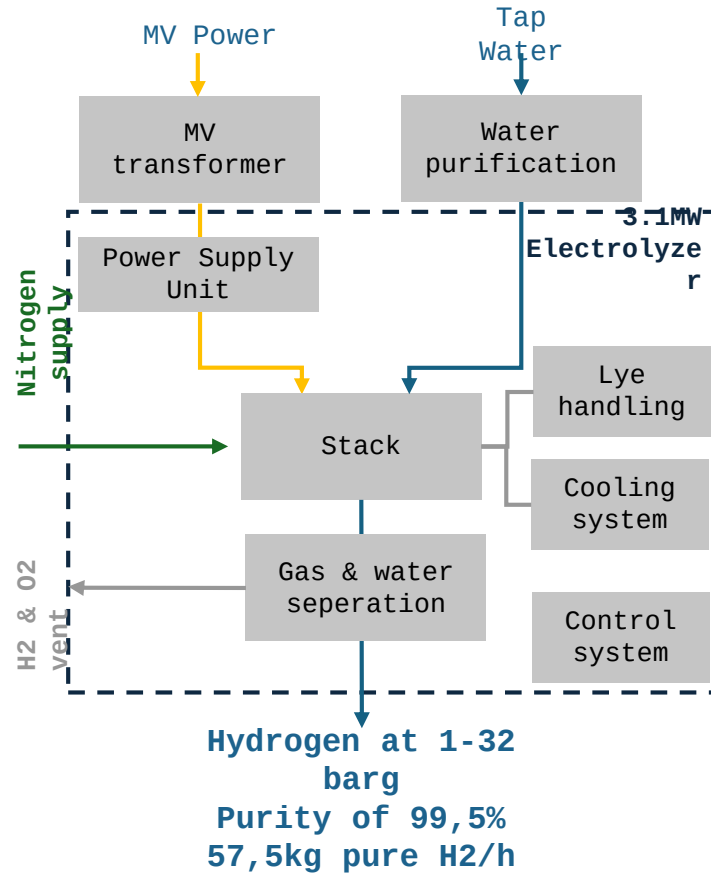
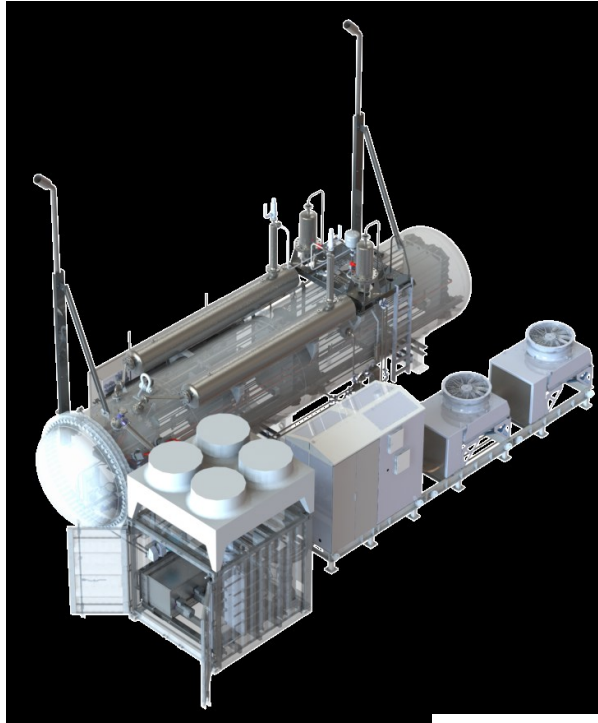
Less than 1% big projects finish on time, on budget, and with expected value

Modularity, experience, and discipline

- Modular, repeatable components reduce risk of delays and overruns
- Experience and repetition increase learning
- Successes come from disciplined simplicity

3.1 MW pressurized alkaline electrolyzer

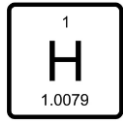
Build electrolyzers like wind turbines – modular, decentral & self containing



Stiesdal Hydrogen's technology

3.1 MW Pressurized Alkaline Electrolyzer

Key Differentiators



**Low Green H2
LCoH**

**High Delivery
Pressure & Purity**

**Outdoor
Application**

**Rapid & modular
deployment**

**Established
Supply Chain**

Low Project Capex

- High system Efficiency
- Zero degradation
- Dynamic operation
- Capture low power costs

- Serve downstream process
- Avoid additional compression & loss
- Enable dynamic operations

- Avoid buildings and HVAC
- Simplify deployment
- Minimize ATEX
- Reduce Capex

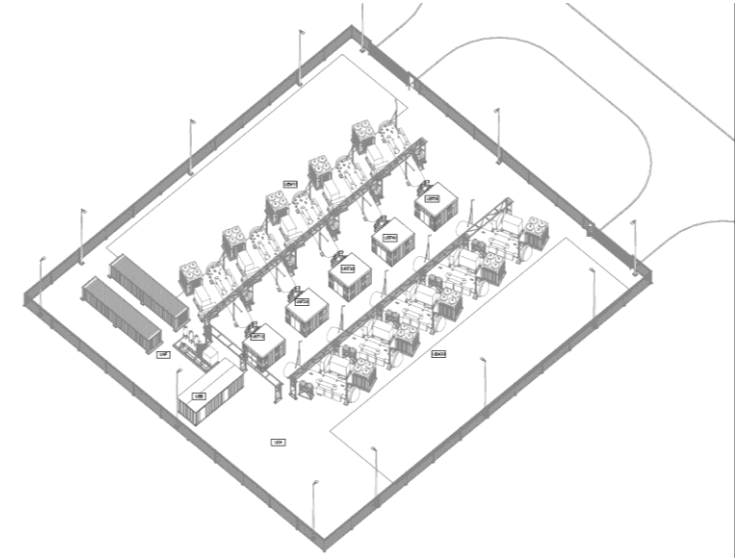
- Prefabrication
- Simple and minimal work at site
- Budget discipline
- Reduce time to revenue

- Global & industrial manufactures
- Design for mass production
- Quality assurance
- Ready for GW scale-up

- Modularizing and standardizing
- Simple deployment and installation
- Reduce Balance of Plant requirements
- No process-buildings and HVAC

Reference projects

Four units operating in Denmark for trailer-filling, fuel cell and biomethanisation



Undisclosed

Trailer filling / Fuel cell graded
1 electrolyzer unit

Biomethan
3 electrolyzers units

31 MW German pipeline project
10 electrolyzer units

First hydrogen

June, 2024

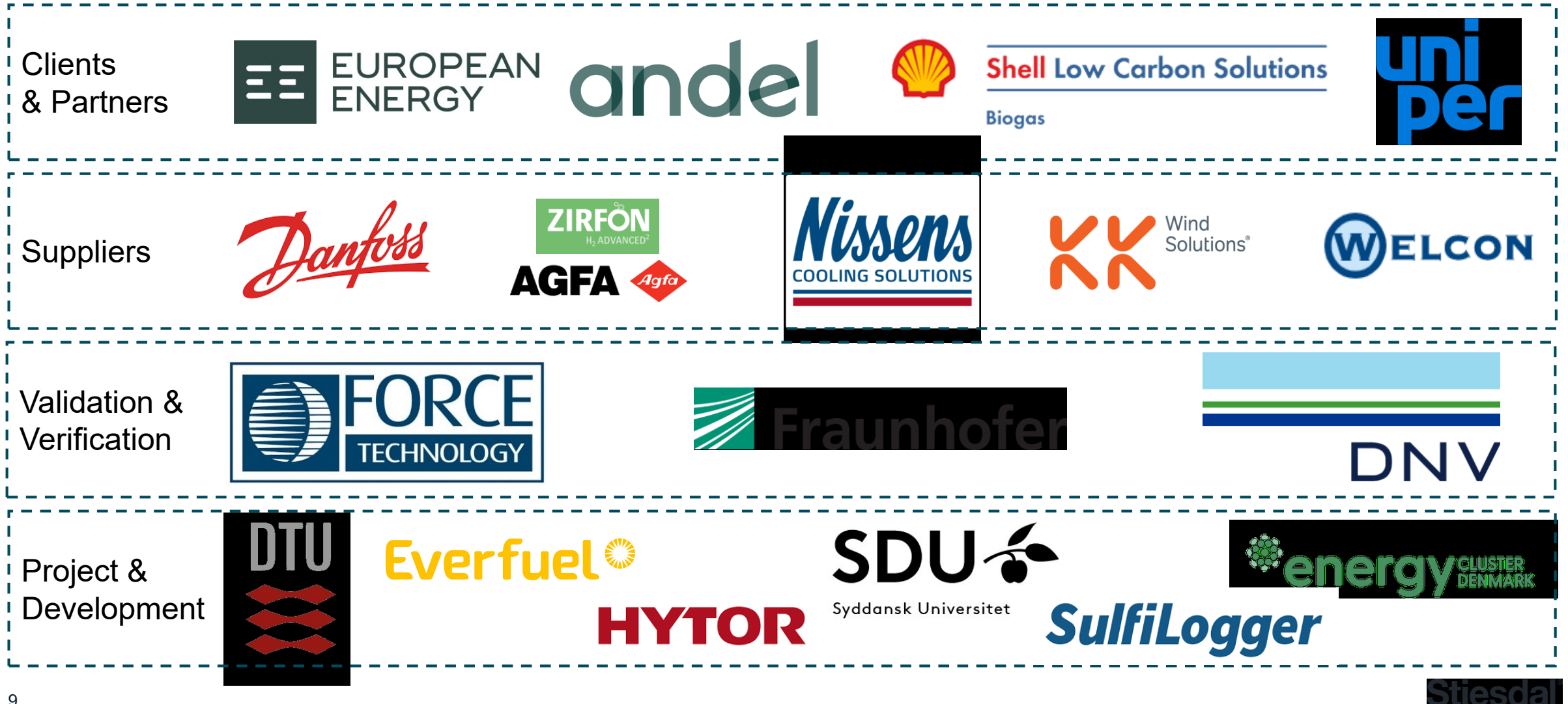
First hydrogen

October, 2023

FEED in 2025

Partnerships

Trusted partners across the entire value chain





Thanks for your attention



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