

COMPANY INTRODUCTION



A PEM Fuel Cell Market Leader

To be sure.

Being Sure is our commitment to Society and Industry.

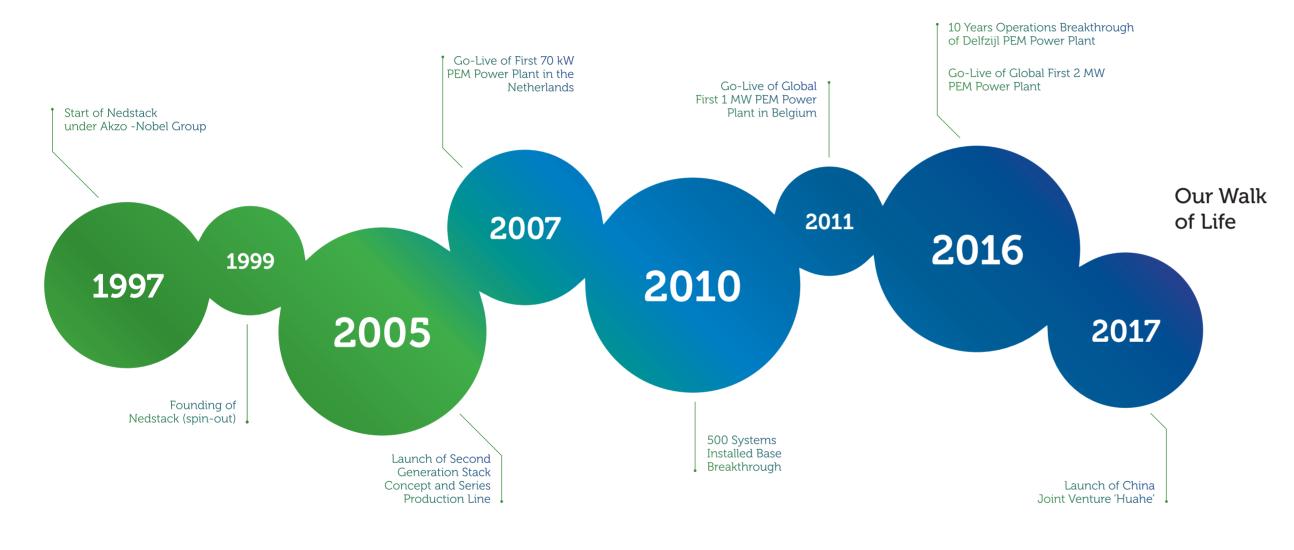
Your choice for Nedstack is a choice to be sure about:

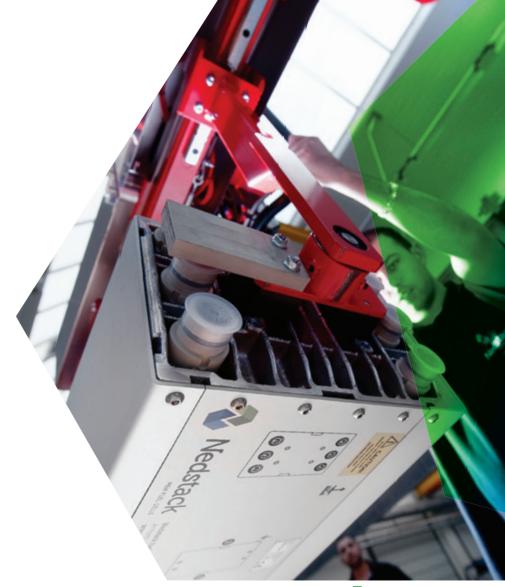
- Durability
- Safety
- Superior Efficiency
- Product Maturity
- Reliability
- Feasibility
- Timely delivery
- Zero-emission
- Recyclable





COMPANY TIMELINE









APPLICATION MARKETS







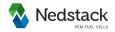
Fuel Cell Development Expertise

We are committed to developing Fuel Cells with a competitive total cost of ownership.

Our pursuit of PEM Fuel Cell excellence focuses both on applied industrial R&D as well as mere fundamental research in close cooperation with our partner universities and research institutes.

Our Stack Engineering Team excels in MEA-utilization, light-weight cell plate materials, cost-engineering and further lifetime improvements.



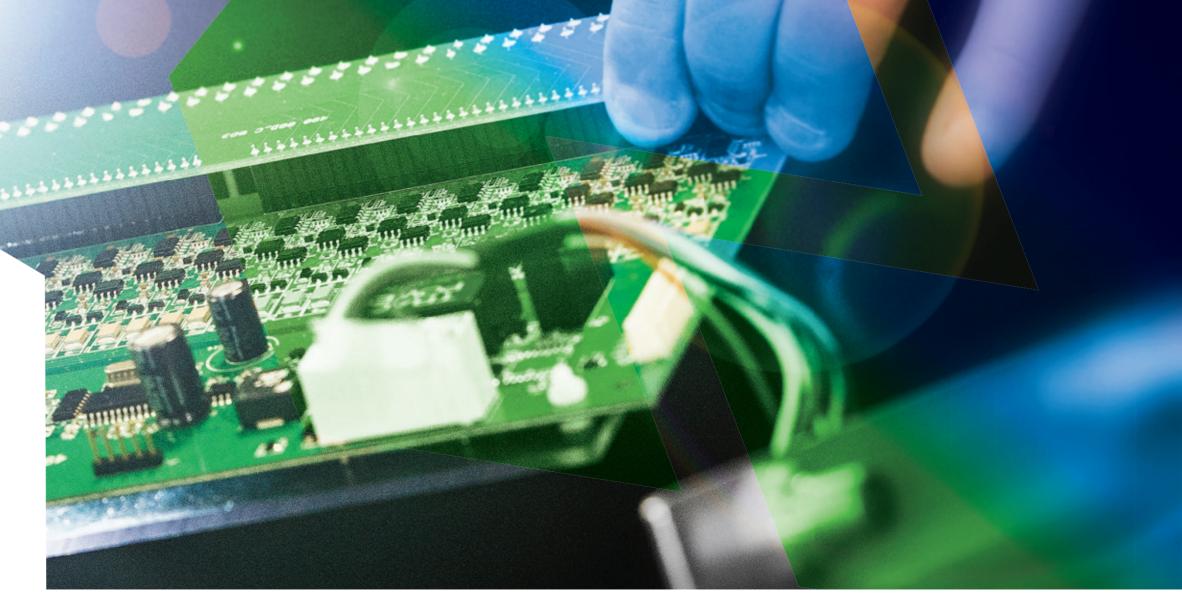




Manufacturing Capabilities

During 20 years of Fuel Cell manufacturing we have developed and optimized our proprietary way of Fuel Cell parts design and production.

By in-housing critical parts we make sure that we offer you qualified Fuel Cell solutions that subscribe to the highest standards only.













Fuel Cell Verification Services

Our laboratories offer a research environment for testing of Power Packs, Fuel Cell stacks, MEA's and cell plates and enable us to offer a large variety of verification services.

All our stacks are verified and certified against Nedstack company standards and ruling Fuel Cell Industry standards. Additionally, we secure compliancy to any application relevant standards according to your project need.









Hydrogen-to-Power need from intake to delivery throughout the whole life cycle of the system. Nedstack offers a comprehensive portfolio of PEM Power Pack and PEM Power Plant concepts which are of high value to our clients. Together with our partners we offer you mature and proven plant designs, safety concepts and control strategies for your application to rely on.



investigation

studies:

REM Fuel Cell

ROGEN TO POWER

Preliminary

schedule and

scope of work

Application Analysis

> Mass and Energy Balance Studies:

• High Level PFD modelling:

• Technical System Modelling and simulations:

 Technical Regulations and and benchmark Compliancy planning;

• Business Case Studying

Development

• P&ID Design; • CAD Studies:

• E-Systems Engineering;

 Hazop analysis and Safety Concept

Definition: Control System Design;

Planning:

• Test Planning and Engineering;

• Quality Plan

System Design and Realization and Verification

execution:

 Health and Safety Planning;

System

 Supply Chain and Sourcing

• Build Plan Execution;

Verification by FAT testing;

 Optional Notified Body Verification; Detailed

Documentation

• Procurement plan • Pre-installation site-survey;

Implementation

and Commissioning Services

 System Transport and Delivery Planning;

 System Delivery, Installation and Commissioning:

 Customer Acceptance and establishment of

warranty; Final documentation Finalize Inspection, Maintenance and

Service Plan: Training Services;

Support &

Install spare parts

• Install Monitoring, Analytics and Support Plan;

 Project Evaluation and Lessons learned:

Project closure

Project Management - Project Risk Management - Quality and Budget Planning.













NedstackFuel Cell Technology B.V.

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