

Innovative electrolyzer manufacturing to ramp-up affordable green hydrogen production

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Speakers: Hessel Jongebreure (ZEF);
Wilbert Heffels (VDL/Battolyser);
Jeroen Broekhuijsen (TNO)



Agenda

- Introduction
- Hessel Jongebreure – Zero Emission Fuels (ZEF),
- Wilbert Heffels – VDL / Battolyser
- Jeroen Broekhuizen – TNO Smart industry
- Interactive debate
- Wrap up



Presentation Hessel

Presentation Wilbert

Presentation Jeroen

Let's get moving.

How does it work?

1. The statement is introduced and presented
2. All participants move to their preferred statement
3. Moderators discuss the results with participants and speakers



1. When will the green hydrogen transition truly take off?

Within **5** years

Within **15** years

Never

2. Can the Netherlands claim a global position in the electrolyzer market?

Yes, especially in technological niches driven by innovation

Yes, provided there is European regulation and collaboration

No, international competition is too strong

3. How can the necessary investments for a meaningful Dutch role in the hydrogen transition be secured?

Through **public–private cooperation**

. By **leveraging European funds and subsidies**

Not feasible without drastic policy changes

4. In which sector will hydrogen adoption in the Netherlands break through first?

Chemical industry

Mobility (transport/logistics)

Energy storage and grid
balancing

5. When do you expect to industrialize your innovations?

Within **2** years

Within **5** years

In more than **10** years

6. Which competences are most critical to realizing the hydrogen transition?

Engineers and technicians

IT specialists and data
experts

System integrators

Wrap up





Thank you

NXTGEN Hightech

Speakers

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