### **Netherlands**

## Our Green Power is our Green Capital

dr. Sofia Derossi





# What is GroenvermogenNL

- 800+ M€ innovation programme from NL government
- Accelerate introduction of green hydrogen and green electrons in energy-intensive industry
- Full TRL-range and whole value chain of hydrogen: from import & local production, to transport & storage, all the way to application.



## GroenvermogenNL instruments



### **Human** capital

Regional learning communities

Digital platform

Vational coordination Demo support



#### 7 work packages:

- 1. Making carbon neutral H<sub>2</sub>
- 2. Transport & storage of H<sub>2</sub>
- 3. Direct use of H<sub>2</sub>
- 4. Green H<sub>2</sub> & e<sup>-</sup> for C-based chemistry
- 5. Green H<sub>2</sub> & e<sup>-</sup> for N-based chemistry
- 6. Green  $H_2 \& e^-$  for specialties
- 7. Socio-economic aspects & H<sub>2</sub> implementation

177 M€



Projects throughout the value chains of production, transport, storage and industrial use of green hydrogen (carriers).

3-5 projects in H<sub>2</sub> value chain
First two projects have been granted

100 M€

- Large demos and import chains
- Manufacturing industry
- Test facilities
- Feasibility and FEED studies

500 M€



50 M€

3

## First milestons





New consortium forming

Green H<sub>2</sub> from solar farm





From Wind to Wheel



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I would love to continue the conversation.

Please e-mail us at s.derossi@GroenvermogenNL.or

or check out https://groenvermogennl.org/en

