

# Siemens Energy

## Company presentation

July 2021



# Information and forward-looking statements

This document contains statements related to our future business and financial performance, and future events or developments involving Siemens Energy that may constitute forward-looking statements. These statements may be identified by words such as “expect,” “look forward to,” “anticipate” “intend,” “plan,” “believe,” “seek,” “estimate,” “will,” “project,” or words of similar meaning. We may also make forward-looking statements in other reports, prospectuses, in presentations, in material delivered to shareholders, and in press releases. In addition, our representatives may from time to time make oral forward-looking statements. Such statements are based on the current expectations and certain assumptions of Siemens Energy’s management, of which many are beyond Siemens Energy’s control. These are subject to a number of risks, uncertainties, and other factors, including, but not limited to, those described in disclosures, in particular in the chapter “Report on expected developments and associated material opportunities and risks” in the Annual Report and in the Half-Year Financial Report, which should be read in conjunction with the Annual Report. Should one or more of these risks or uncertainties materialize, should acts of force majeure, such as pandemics, occur, or should underlying expectations including future events occur at a later date or not at all, or should assumptions prove incorrect, Siemens Energy’s actual results, performance, or achievements may (negatively or positively) vary materially from those described explicitly or implicitly in the relevant forward-looking statement.

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Globalization

Demographic change

Urbanization

# Climate change

Digitalization

are drastically changing  
our environment.

At the same time, we expect a ...

**>50%** increase in global  
electricity generation by 2040

And still ...

**770 million people**  
are living without access to electricity

# We are a world leader in energy

Present in  
**>90 countries**

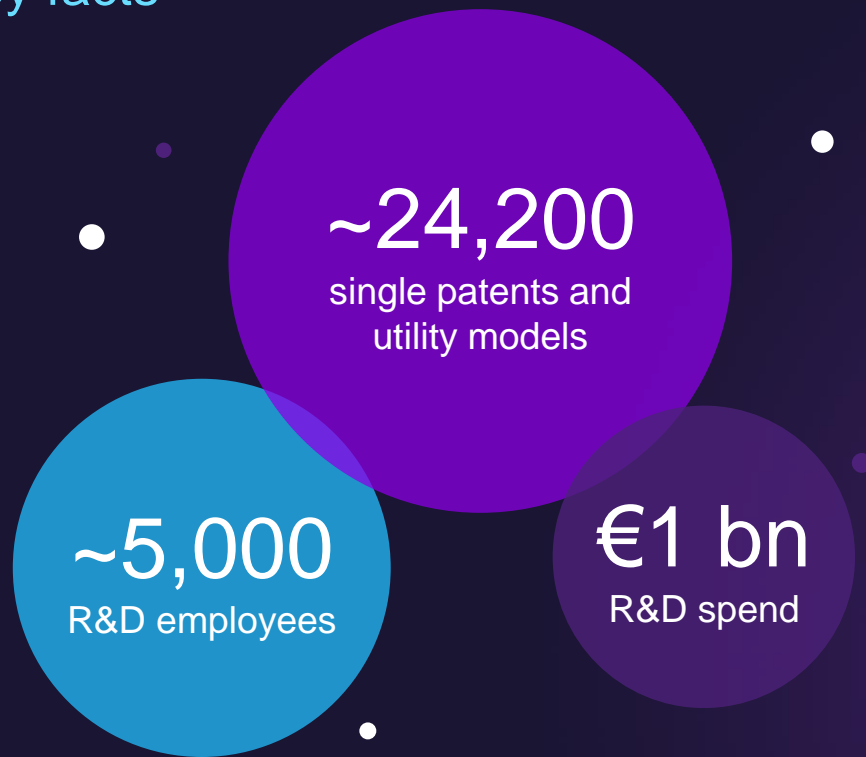
**~1/6**  
of global electricity generation  
based on our technology

**>50%**  
decarbonized portfolio

# Our focus: Innovation

Clear R&D allocation towards tangible returns and longer-term potentials

## Key facts<sup>1</sup>



## Our R&D strategy

Strict capital return criteria for allocation

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Focus areas: Service and sustainability

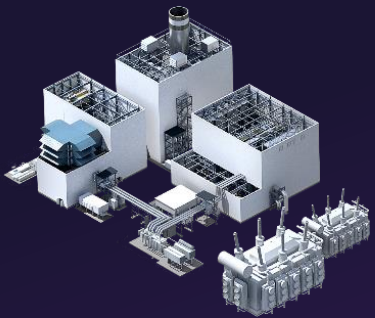
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Co-creation and partnering in innovation

# Our setup

Innovative products support customers in transitioning to a more sustainable world

## Generation



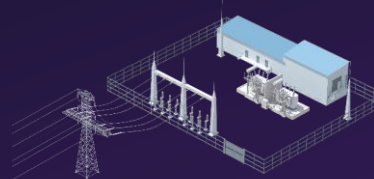
**NET ZERO**  
through hybrid  
power plants

## Industrial Applications



**up to 60%**  
H<sub>2</sub> capable gas  
turbine portfolio<sup>1</sup>

## Transmission



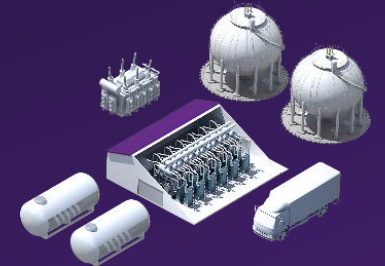
**SF<sub>6</sub>-FREE**  
portfolio that is  
market-leading

## SGRE



**>260 Mt**  
GHG savings p.a.  
to customers

## New Energy Business



**100% H<sub>2</sub>**  
Enabling hydrogen  
economy



Fields of Action

# Leading the energy transformation



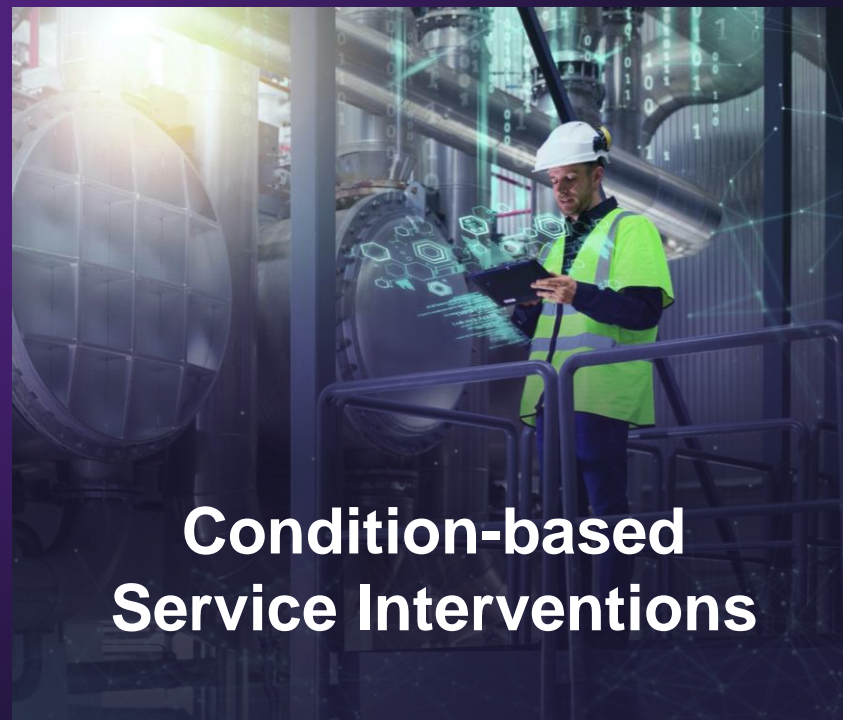
Energy Storage



Decarbonized Heat &  
Industrial Processes



Power-to-X



Condition-based  
Service Interventions



Resilient Grids  
and Reliability



# Our focus: Innovation

## Examples

We enable society to grow

### Floating power

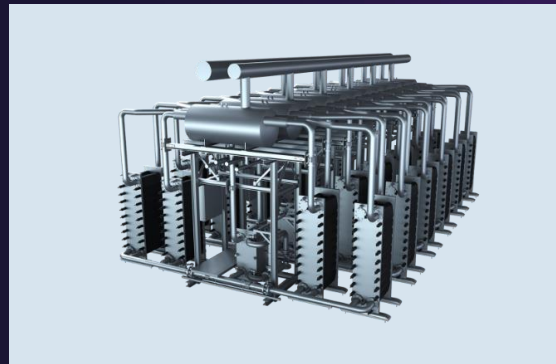
The evolution to floating power combines state-of-the-art power plant technology with a barge for more mobility, flexibility and fast installation.



We shape the market

### Electrolyzer

Silyzer 300's modular design with unique scaling of PEM electro-lysis for high plant efficiency and availability enabling low H<sub>2</sub> production costs.



We boost productivity

### Additive Manufacturing

Transforming the energy industry: Faster artificial intelligence-based innovation cycles as well as streamlined and greater on-demand production methods.



We digitalize energy

### SensProducts™

Next generation digitally enabled transmission products for simplified asset management and increased availability.



# Our strategy

## Digitalization as a value driver

Siemens Energy digitalizes the energy transformation – effectively, efficiently and securely.

### New digital revenue

- We create new revenue streams by offering **software-as-a-service** seamlessly **across our product range**
- Example: Omnivise offering, e.g., Cybersecurity



### Increasing the value of our offering

- We combine our **domain expertise** with our **digital expertise** to differentiate our value and offerings **for our customers**
- Example: Remote Services



### Internal digitalization

- We **automate** our internal processes and build the necessary digital **infrastructure** to **react to rapid changes** of the digital world
- Example: Digitalized outage processes



# Siemens Energy

Partner and Driver of  
the Energy Transition



We  
**energize**  
society