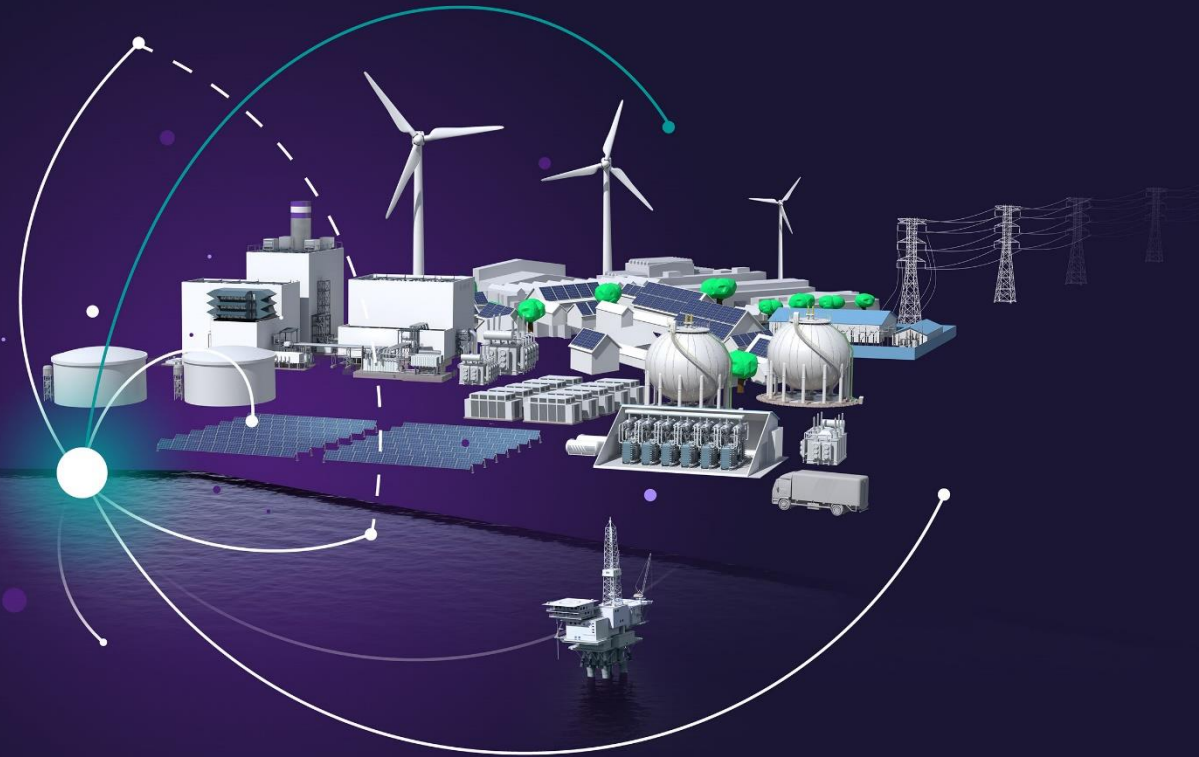


# No transmission, no energy transition

BofA Grid Infrastructure Investment Outlook on September 13, 2023

Tim Holt, Member of the Executive Board of Siemens Energy  
and Executive Vice President Grid Technologies



# To avert climate disaster and power a greener future, we need ...

... 6 times more renewable generation by 2050.

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... thereof >200 GW offshore wind additions only by 2030.

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... and an electrical grid of more than 150 million km by 2050.

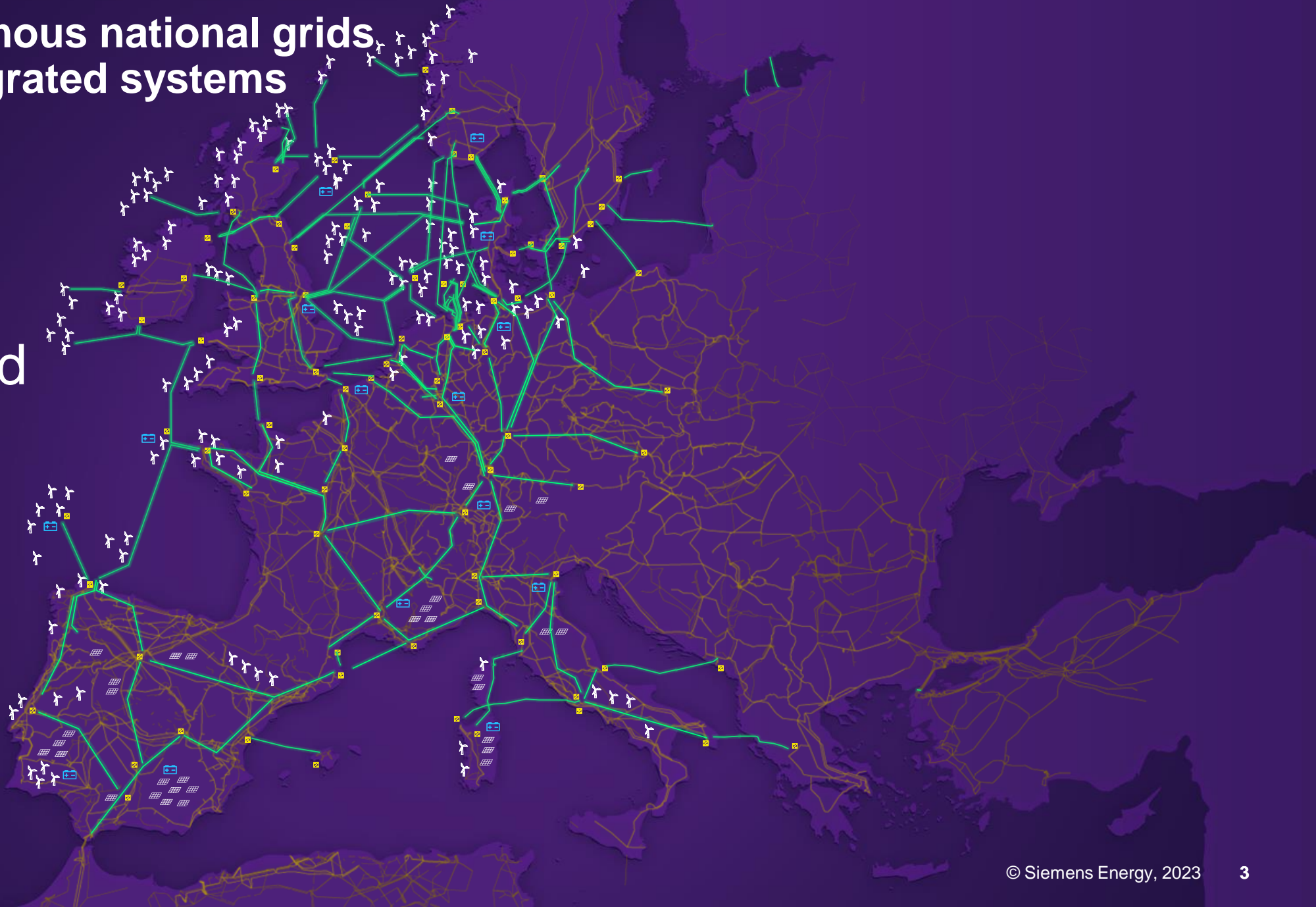
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# From autonomous national grids to digital integrated systems

## How the grid of the future could look like

- DC
- AC
- Wind power
- Solar
- Converter
- Storage



# We enable a reliable, sustainable and digital grid through a leading portfolio

## Our grid technology portfolio



### Digital Grid

01

- Grid Consulting
- IoT and Edge
- Grid Automation



### Grid Solutions

02

- High-Voltage Direct Current (HVDC) – onshore & offshore
- Flexible AC Transmission System (FACTS)
- Substations – onshore & offshore
- Medium-Voltage Direct Current (MVDC)



### Products

03

- Power and Distribution Transformers
- Bushings, Instrument Transformers & Coils
- Renewables & Traction
- Switchgears
- Product bundles and systems



### Storage

04

- Battery storage system for grid stabilization and special applications



### Service

05

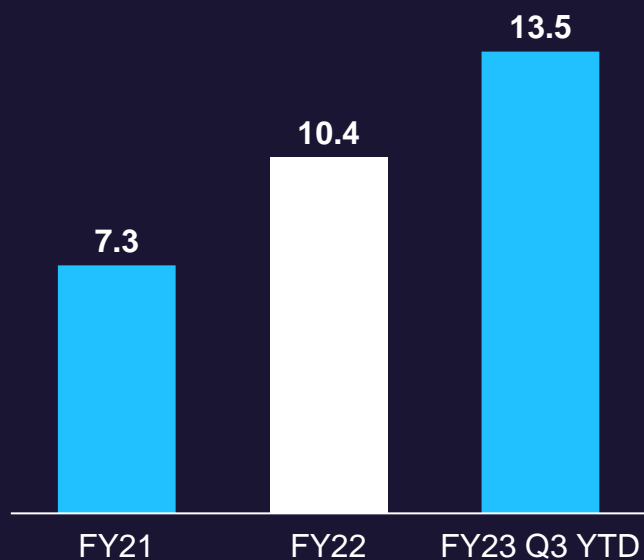
- Product services
- Modernization and upgrades
- Long-term service concepts and grid integration

# Grid Technologies: Strong improvement across all KPIs

## Q3 FY23<sup>1</sup>

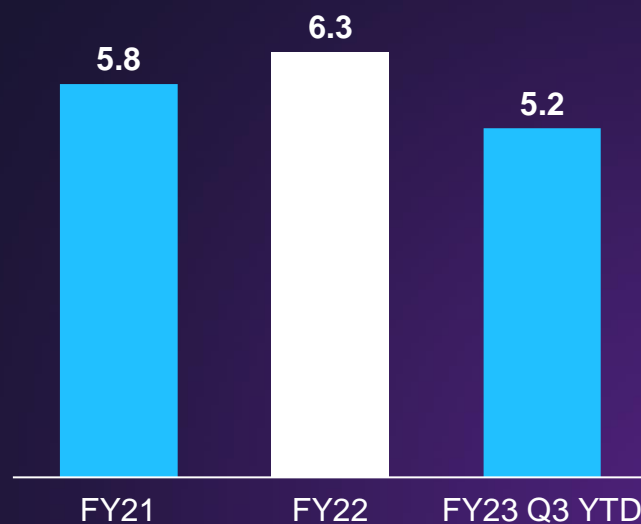
### Orders

in €bn



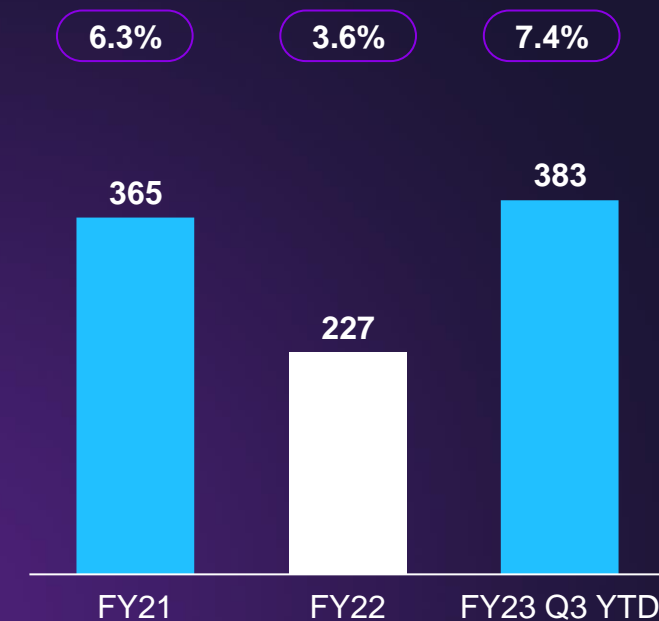
### Revenue

in €bn



### Profit before SI

in €m



<sup>1</sup> Prior year figures are presented on a comparable basis

**X.X%** Profit margin before Special Items

# Questions & Answers

