

### The Future of Smart Infrastructure

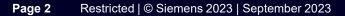
#### Matthias Rebellius

Managing Board Member at Siemens AG CEO of Siemens Smart Infrastructure

SIEMENS

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#### The infrastructure transition

### Key drivers

- Decarbonization
- Sustainability

### Megatrends

- Digitalization
- Demographic change
- Population growth



# THE GREAT DIVIDE



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**Siemens Infrastructure Transition Monitor** 

#### Survey of **1,400** senior executives

#### In-depth interviews and leaders and experts



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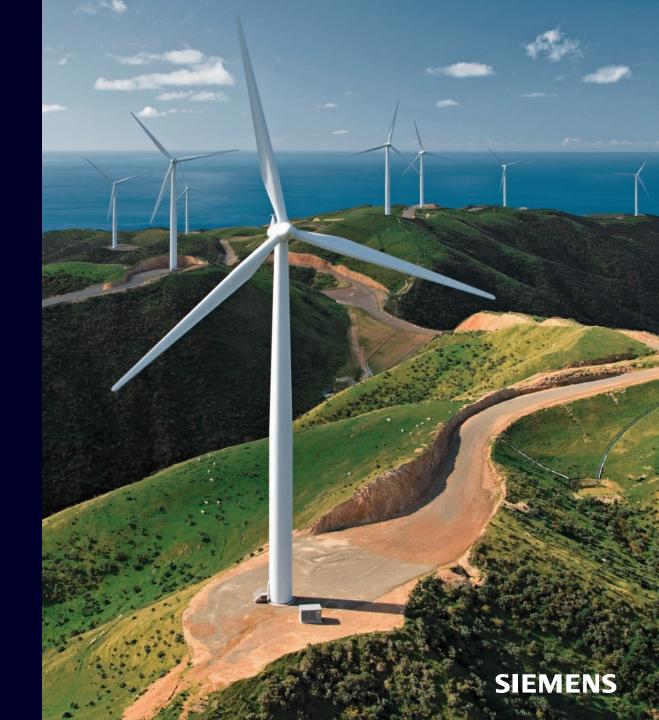
## ENERGY

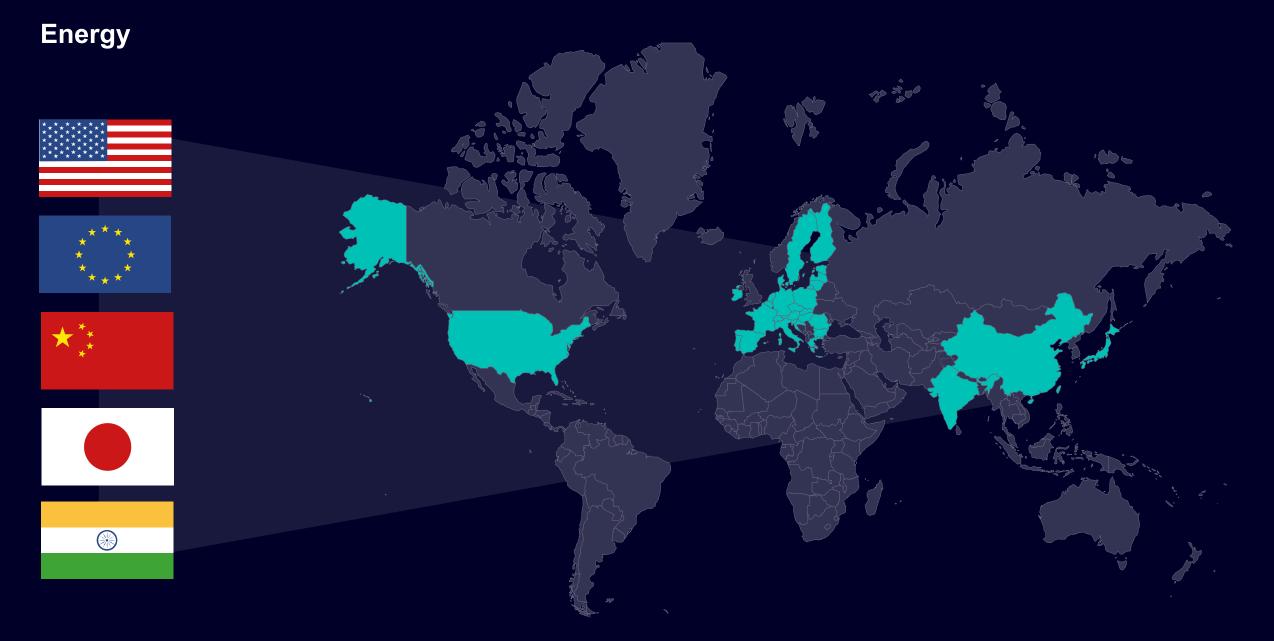




Energy

Less than 10% believe their region (or country) to be "advanced, fully integrated, full-scale" on major energy goals of the transition.

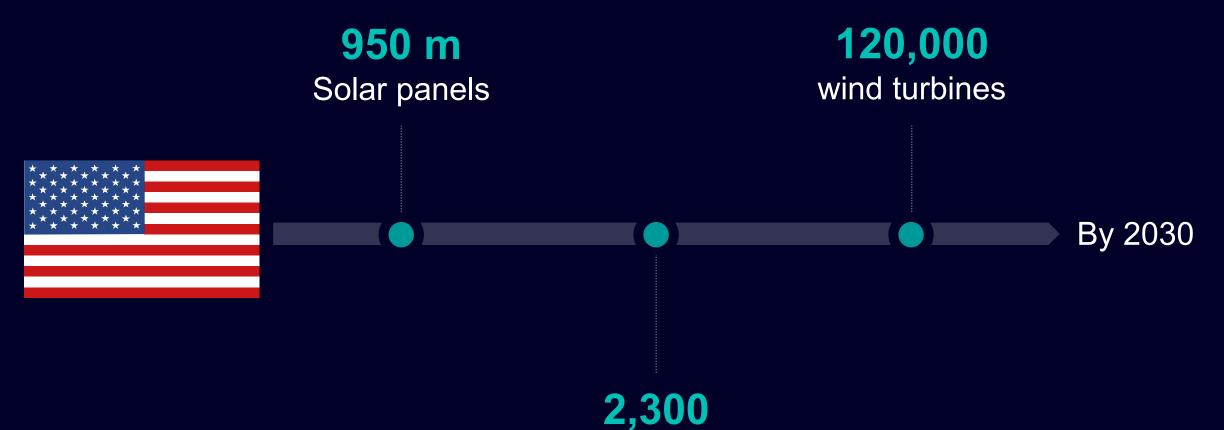








#### **Inflation Reduction Act**



### grid-scale battery plants

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#### Digitalization on the grid

Managing scale and complexity through digitalization

### CITIES



Cities

# **45%**

of respondents feel their cities have made progress to encourage the use of public transport.



Cities

# 29%

report mature or advanced progress in city-wide electric vehicle charging infrastructure.



## BUILDINGS

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**Buildings** 

# 37%

of respondents report mature or advanced progress on this goal.



**Buildings** 

UN's Global Status Report for Buildings Investments in this area increased by

16%

Energy-related emissions from buildings grew by

**5%** 









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