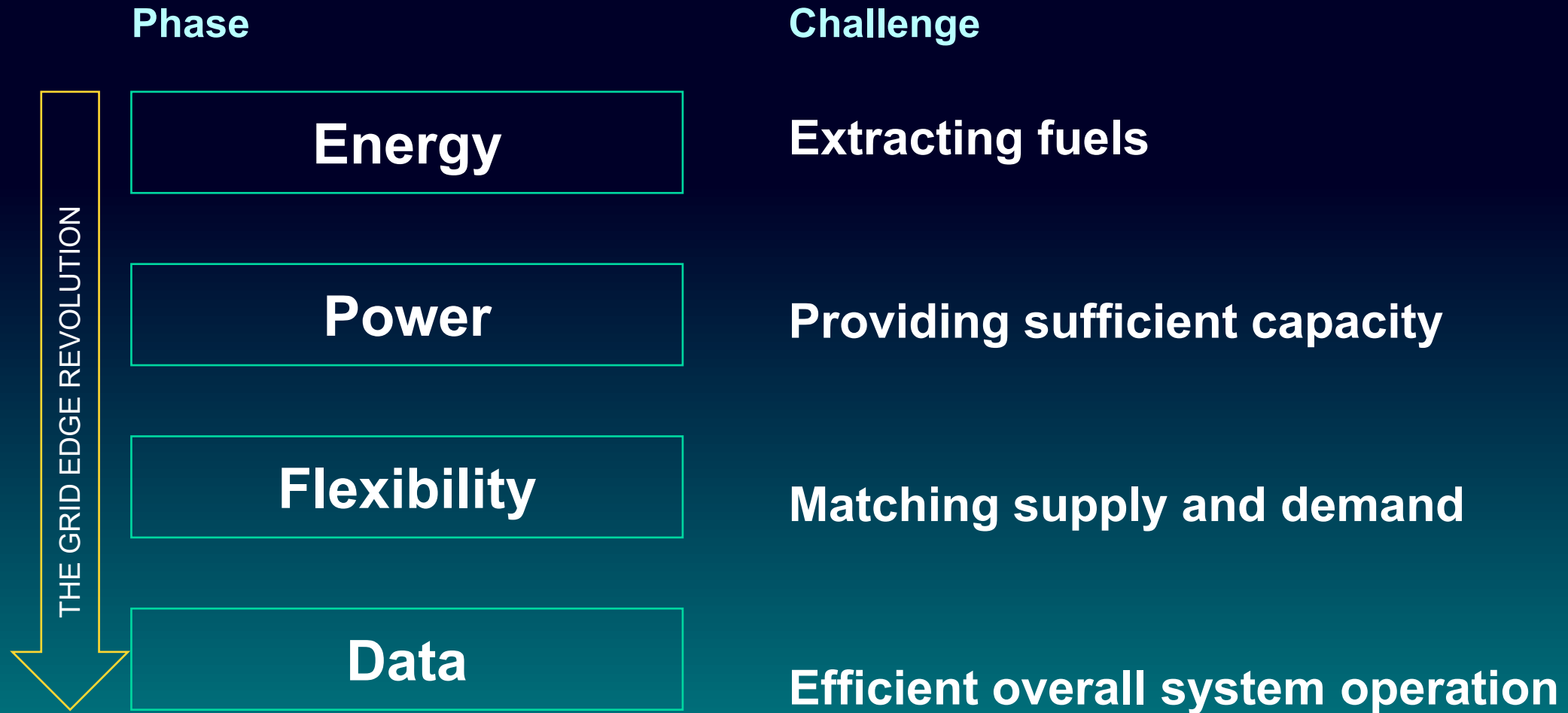




Digitalisation, disruption and the Grid of the Future

SIEW Energy Insights
27 July 2021

The four phases of the energy transition



Five Ds for transition to the grid edge

Decarbonization



Decentralization



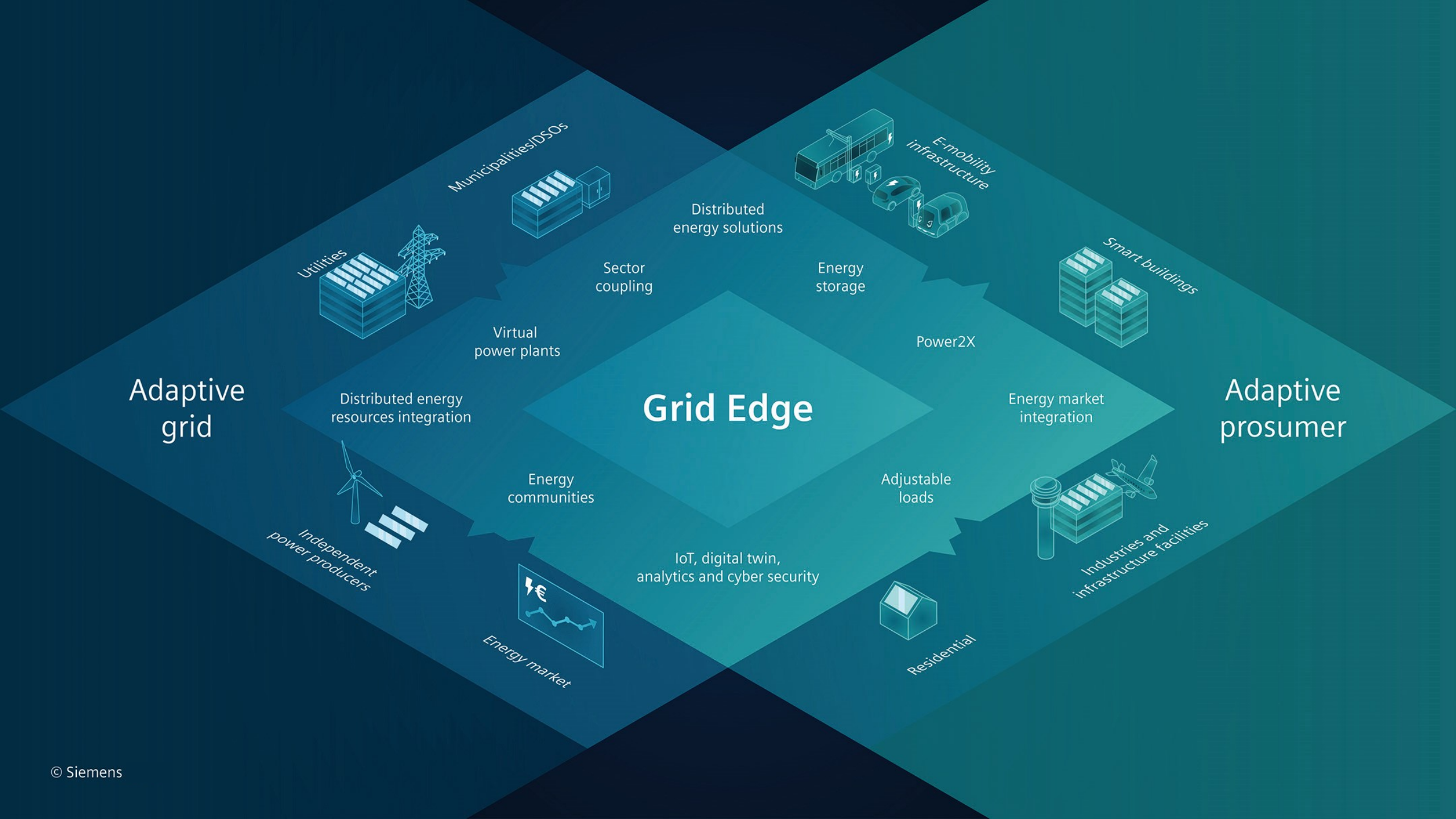
Decoupling energy service
from energy use



Digitization



Democratization



Adaptive
grid

Utilities

Municipalities/DSOs

Distributed
energy solutions

*Emobility
infrastructure*

Smart buildings

Adaptive
prosumer

*Industries and
infrastructure facilities*

Grid Edge

Virtual
power plants

Sector
coupling

Energy
storage

Power2X

Energy market
integration

Energy
communities

Adjustable
loads

IoT, digital twin,
analytics and cyber security

Distributed energy
resources integration

*Independent
power producers*

Energy market

Residential

For more about the grid edge revolution, download our white paper:





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