World Utility Summit
Sustainable Practices towards Net Zero Utilities

Sanjay Sudhakaran
MD and CEO, Schneider Electric Infrastructure Ltd.
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Strong recognition of our commitment

Corporate Knights Global 100 12 years in a row

Terra Carta Seal
Awarded 2022

A List
(Climate) 12 years in a row

AAA
11 years in a row

From 2018
Included since inception

Top 100
Most Ethical Company
11 years in a row
One Planet

A sense of emergency

Climate change & Earth Overshoot Day

80% Energy Issue

Total CO₂ emissions

Kyoto Protocol lists 6 greenhouse gases to reduce:

- CO₂ Carbon dioxide
- CH₄ Methane
- N₂O Nitrous oxide
- HFCs Hydrofluorocarbons
- PFCs Perfluorocarbons
- SF₆ Sulphur hexafluoride

‘Panchamrit’, for Sustainable India.

- 500 GW installed capacity from non-fossil fuel sources by 2030
- 50% energy requirements from Renewable Energy by 2030
- 1 billion tonnes reduction in projected carbon emissions (2021-2030)
- 45% reduction in carbon intensity of economy by 2030
- Net-zero emissions by 2070

Sources: International Energy Agency, Schneider Electric

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1kg SF₆ equals 25,200 kg of CO₂
Our unique value proposition is to support our customers on climate, from strategy setting to execution.

**3-step approach**

**STRATEGIZE**
- MEASURE enterprise baseline
- CREATE decarbonization roadmap
- STRUCTURE program & governance
- COMMUNICATE commitment

**DIGITIZE**
- MONITOR resource usage & emissions
- IDENTIFY saving opportunities
- REPORT and benchmark progress

**DECARBONIZE**
- ELECTRIFY operations
- REDUCE energy use
- REPLACE energy source
- ENGAGE value chain

**Major steps involved**

**Consultative Approach**

Digital Platform & Services
SCADA, DERMS, AMI, Analytics, etc.

Process Streamlining
(Green Premium products
Services for circularity)
Utilities are facing significant disruption
Different emphasis on each theme across geographies

- DER integration
- Extreme weather
- Data as the new energy
- Cybersecurity risks
- Changing regulation & policy
- New revenue models
- The new energy prosumer
- Aging infrastructure & Skill Crunch
Embrace the New Digital Energy Ecosystem!!

End-to-end DERMS solution
Last mile connectivity
Optimize supply and demand

Enable Prosumer
Decentralized Microgrid,
Energy efficient homes

Grow DERs, microgrids,
Energy communities,

End To End Integrated Platform

Utility

Prosumer

DERMS

Grid Optimization

Flexibility Services

Prosumer Engagement