



World Utility Summit

Sustainable Practices towards Net Zero Utilities

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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

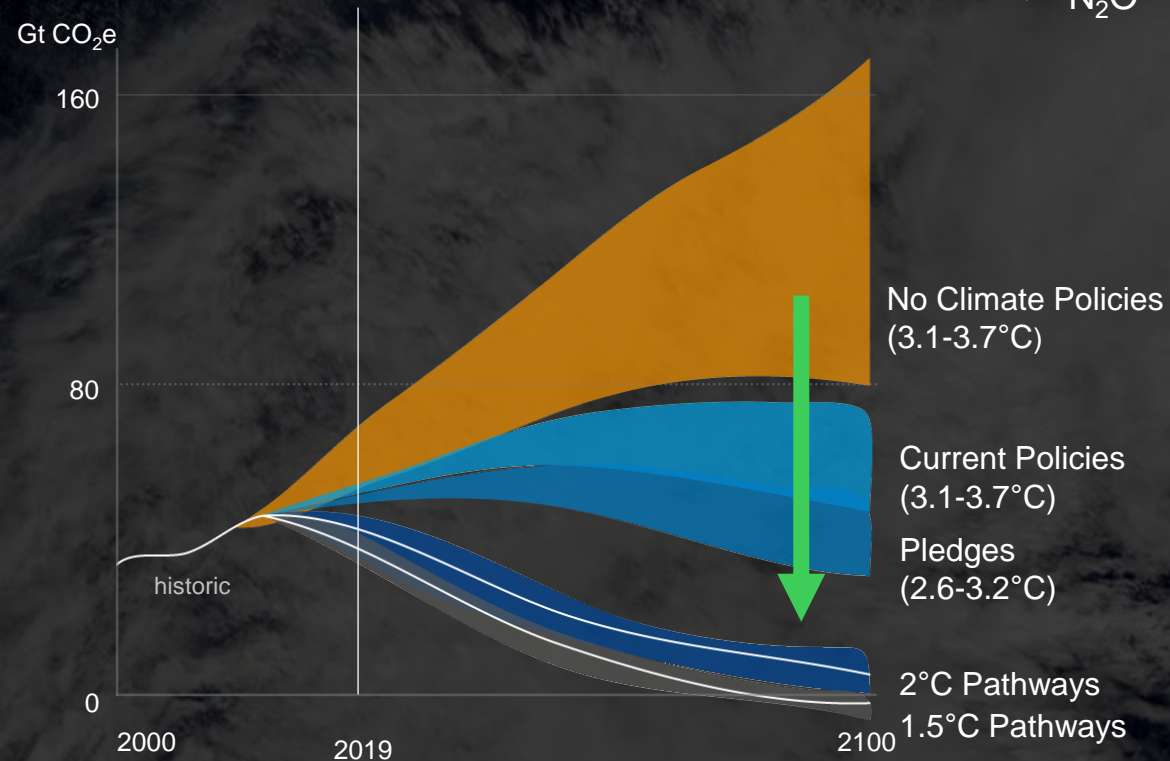
**Top 100
Most Ethical Company**

11 years in a row

One Planet

A sense of emergency

Climate change & Earth Overshoot Day



Sources: International Energy Agency, Schneider Electric

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**

1kg SF₆ equals **25,200 kg** of CO₂

Life Is On

Schneider
Electric

Our unique value proposition

is to support our customers on climate, from strategy setting to execution

3-step approach



STRATEGIZE

Major steps involved

- **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

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



Changing regulation & policy



Significant Disruption

Cybersecurity risks



Aging infrastructure & Skill Crunch



New revenue models



The new energy prosumer



Embrace the New Digital Energy Ecosystem!!



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



Grow DERs, microgrids,
Energy communities,



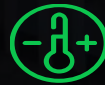
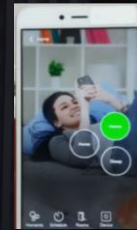
Enable Prosumer
Decentralized Microgrid,
Energy efficient homes

End To End Integrated Platform

Utility



Prosumer



DERMS

Grid
Optimization

Flexibility
Services

Prosumer
Engagement

