

Warming projected by 2100

No climate policies (4.1-4.8°C)

Current policies (3.1-3.7°C)

Pledges (2.6-3.2°C)

2°C pathways 1.5°C pathways >80% energy issue Total CO2 emissions

unbearable trend

More energy consumed by 2100 vs. 1900

inefficient

Current fossil-based end-to-end energy system losses

Sources: International Energy Agency, Schneider Electric





Other drivers will also result in a more electric world.

3x

Energy demand for cooling by 2050

... as much electricity as all of China and India use today

Source: IEA

**2**x

Power consumption impact of IT compared to EV

Source: Schneider Electric

**62**%

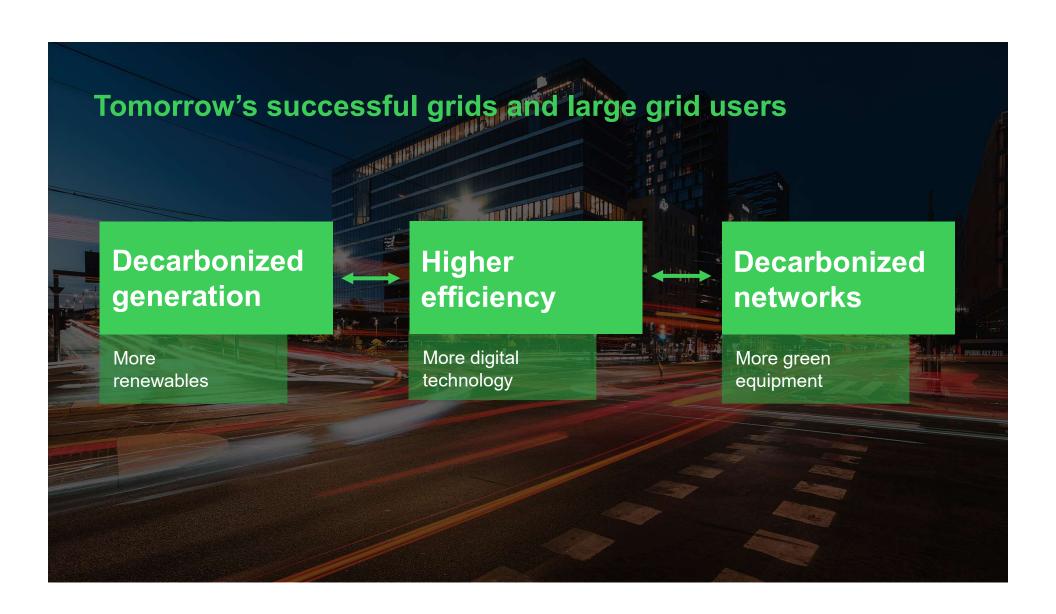
Total power demand growth

from now to 2050

Source: BNEF NEO 2019

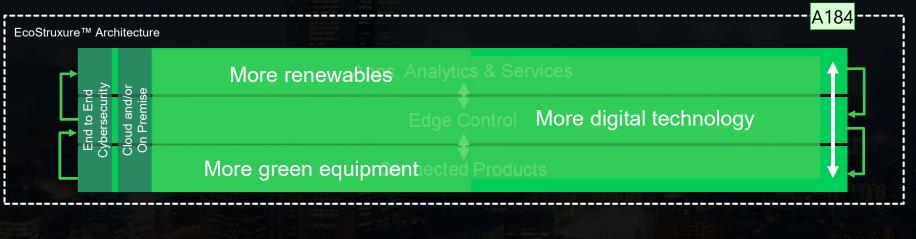






## **EcoStruxure delivers these solutions**





Our EVP also requested that we show how the 3 points from the previous slide map to EcoStruxure. We've taken the example from how it was done in Nick's Services ST. I hope it works for you? I also added the on-click animation fo rthe overlay to appear.

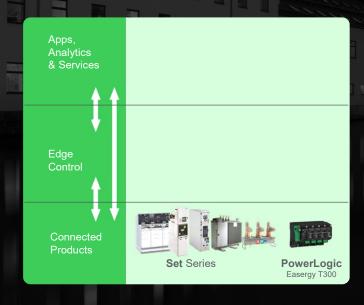
Author, 9/1/2020





## E.ON Sweden

Eco Ftruxure for Power & Grid



196M tonnes

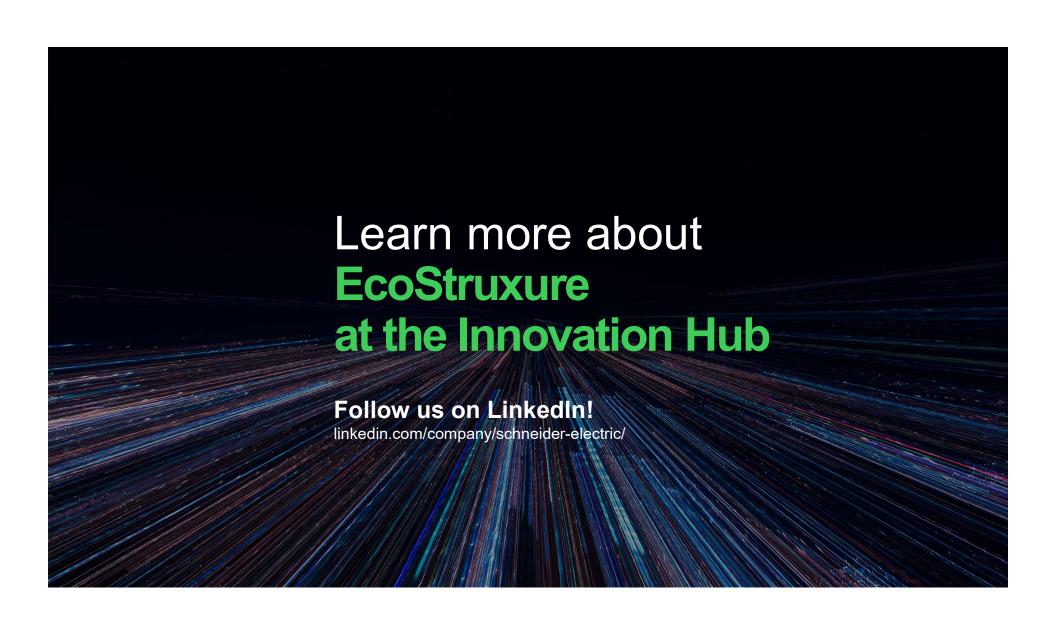
CO<sub>2</sub> equivalence of SF<sub>6</sub> contained in 10 million switchgear units across Europe – Fraunhofer Institute

100%

of new switchgear must be SF<sub>6</sub> free by 2025 and existing models progressively replaced by 2050 – Fraunhofer Institute

A successful pilot project setting E.ON on a straight path to achieving its sustainability goal of SF<sub>6</sub>-free energy distribution







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