The road to zero carbon buildings Cyrille Brisson, EMEA VP Sales & Marketing at Eaton March 10, 2021





Introducing Eaton

Electrical Sector 2020 Sales \$11.4 B

- Electrical Products
- Electrical Systems & Services

Industrial Sector 2020 Sales \$6.5 B • Aerospace

- Hydraulics
- Filtration
- Vehicle
- eMobility

Total sales \$17.9 Billion usp

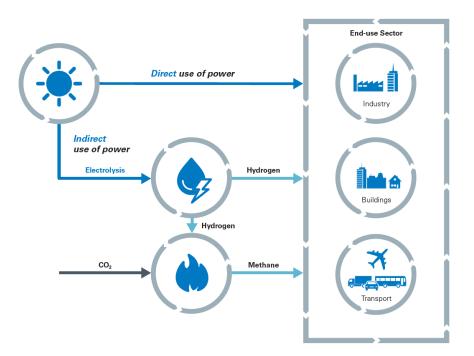
Headquarters: Dublin, Ireland

- Chairman & CEO Craig Arnold
- Customers in more than 175 countries
- Approximately 92,000 employees
- Key locations in Cleveland, United States; Shanghai, China; Morges, Switzerland; São Paulo, Brazil

Regional engineering teams to support products and custom solutions



Direct and indirect electrification can make a major contribution to Europe's net zero goals



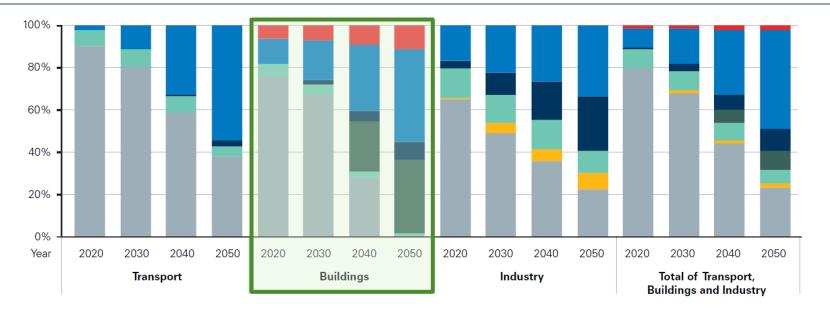
83%

Potential emission reduction below 1990 levels by 2050 across transport, buildings, industry and power due to sector coupling

Sector Coupling in Europe, Powering Decarbonization: A BloombergNEF study sponsored by Eaton and Stakraft (2020)



Sector coupling makes zero carbon buildings possible



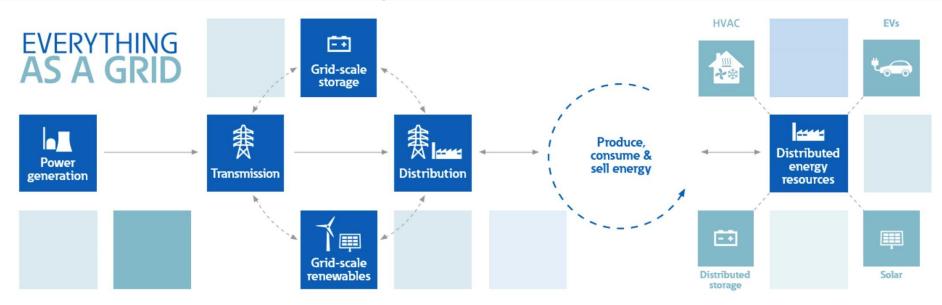
District heating

Powering Business Worldwide

- Hydrogen (incl. fuel cells)
- Biomass or biofuels
- Fossil fuels without CCUS
- Direct electrification (incl. EVs, PHEVs & heat pumps)
- Green gas/hydrogen-compatible boilers
- Fossil fuels with CCUS

Source: BloombergNEF. Note: Weighted by each sector's energy consumption in the Northern European archetype (Eurostat).

Our 'Everything as a Grid' approach supports direct electrification of buildings, industry and data centers

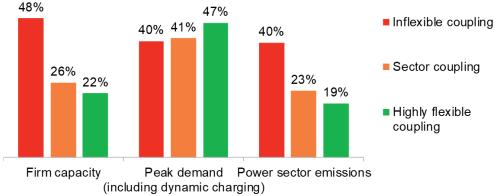


With **open and transparent flexibility markets**, we can provide numerous beneficial services to building owners and grid operators



Flexibility markets critical to fully unlock the potential value of sector coupling

Impacts of highly flexible coupling on firm capacity needs by 2050* Grid services coupled sites could provide with the right incentives



Change in 2050 from no coupling scenario

Demand side response

- Frequency containment
- Reactive power
- Reserve, resilience & disaster recovery

*North European Archetype, modelled in BNEF Sector Coupling study – eaton.com/sectorcoupling



