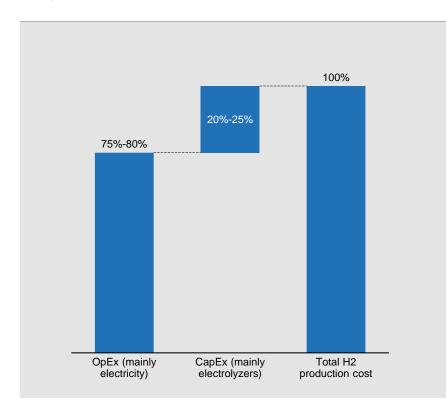


Cost structure of hydrogen from electrolysis

Large scale industrial applications



Example case:

- Almost full load, ~8000h/yr
- ~40 EUR/MWh electricity+O&M
- 50 kWh/kg hydrogen
- Investment 1000 EUR/kW
- → Production cost:
 - ~2.6 EUR/kg H2
 - Equals 67 EUR/MWh (HHV) or 80 EUR/MWh (LHV)

More electrolyser capacity = lower OpEx by increased ability to avoid expensive hours

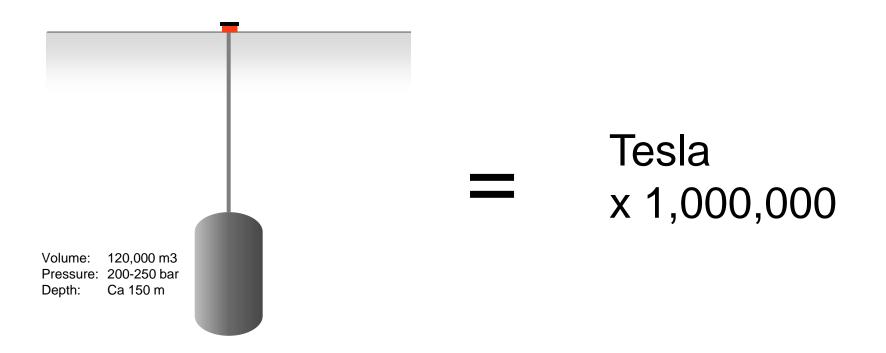
...BUT ALSO...

More electrolyser capacity = higher capital cost for electrolysers + storage



One H₂ storage equals a million Teslas

- and can supply a full scale iron/steel mill with H2 for five days





Markets for green products mean business... before reaching cost parity

