



Efficiency assumptions

■ Buildings	■ Energy sector	■ Industry	■ Transport
Hybrid heat pump: 145% (HP 450%, Boiler: 90%)	Hard coal plant: 39% OCGT: 39%	BF: 2t CO _{2eq} /t steel DRI/EAF: 3.4 MWh _{el} /t steel	BEV: 18 kWh/100 km
Heat pump: 300%	CCGT: 59%	Heat pump: 300%	Fuel cell: 0.89 kg/100 km
Boiler: 90%		Boiler: 95%	Diesel & E-fuels: 6 l/100km

* 1 MWh represents roughly the annual electricity production of 1 kWp solar PV
 Emissions intensities (in g CO₂/kWhPE) = Hard coal (338.2), Fossil gas (200.8), Diesel (266.5)
 HP = Heat pump, H₂ = Hydrogen, OCGT = Open cycle gas turbine, CCGT = Closed cycle gas turbine,
 BF = Blast furnace, DRI = Directly reduced iron, EAF = Electric Arc Furnace, BEV = Battery electric vehicle