Million tonnes of CO2e



Buildings CO2

Power and heat CO₂



Abatement potential in 2030 MtCO₂/year

Average abatement cost to 2030







A/B HDT small cars segment heavy-duty truck, >16t C/D battery electric vehicle mid-sized cars segment BEV E/F large cars segment CNG compressed natural gas J. sport utility cars segment LNG liquified natural gas LDT light-duty truck, <7t ICE internal combustion engine medium-duty truck, >7t, <16t PHEV plug-in hybrid electric vehicle MDT

Cost projections, 1,000 EUR/vehicle





Resulting emissions in 2030, MtCO2e



Currently in 60% pathway

Alternative packages

Sector	2015 Emissions, MtCO₂e	2030 Current policies – BAU, MtCO₂e	2030 40% pathway, MtCO₂e	2030 60% pathway , MtCO₂e
Industry CO₂	15	16	15	7
Power and heat CO₂	14	9	7	6
Transport CO₂	11	9	6	5
Buildings CO ₂	2	2	1	0.1
Other: agriculture, waste management, non-CO₂	13	11	11	11
Total:	56	47	40	29

Modelled on technology level and as BAU

Projected according to WEM

Annual power demand, TWh









Historical and projected scenario emissions, MtCO₂e





CHP

CHP switch to biomass



incl. oil, peat and gas













Pulp and paper Refining and chemicals Steel

Cement

All

Average abatement cost to 2030 EUR/tCO2



Average abatement cost to 2030

EUR/tCO₂



Onshore wind
Offshore wind
Biomass CHP

Electricity generation, TWh

105.5

