

EU'S PATH TO COMPETITIVENESS

How digital, energy and health can lead the way forward

Tuesday 11th January 2022



Michele MASULLI

Energy Area Director, Institute for Competitiveness



ENERGY



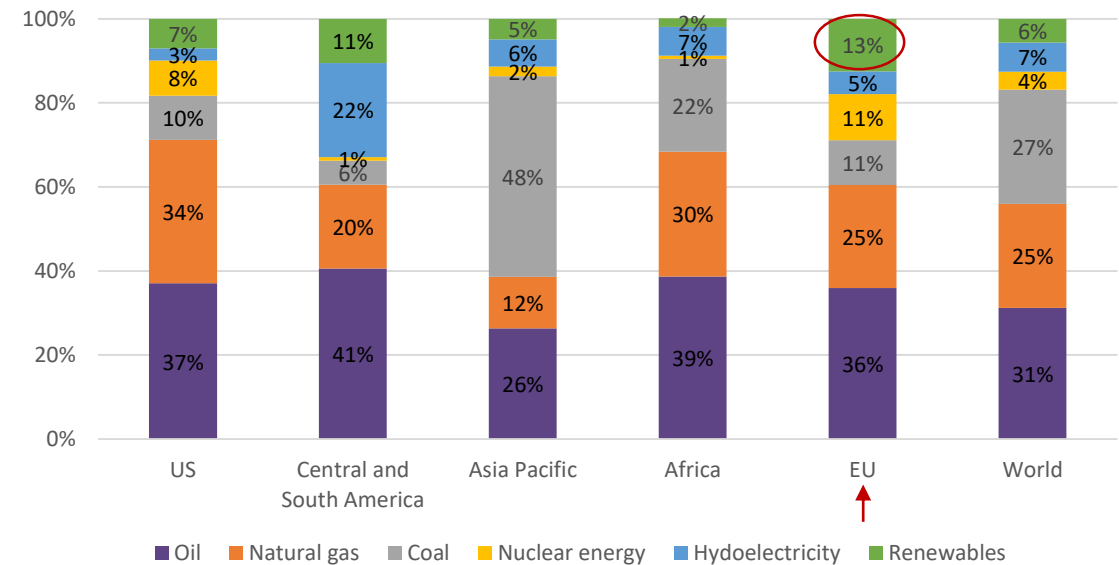
THE EUROPEAN UNION AND THE ENERGY TRANSITION

The EU in the global decarbonisation scenarios

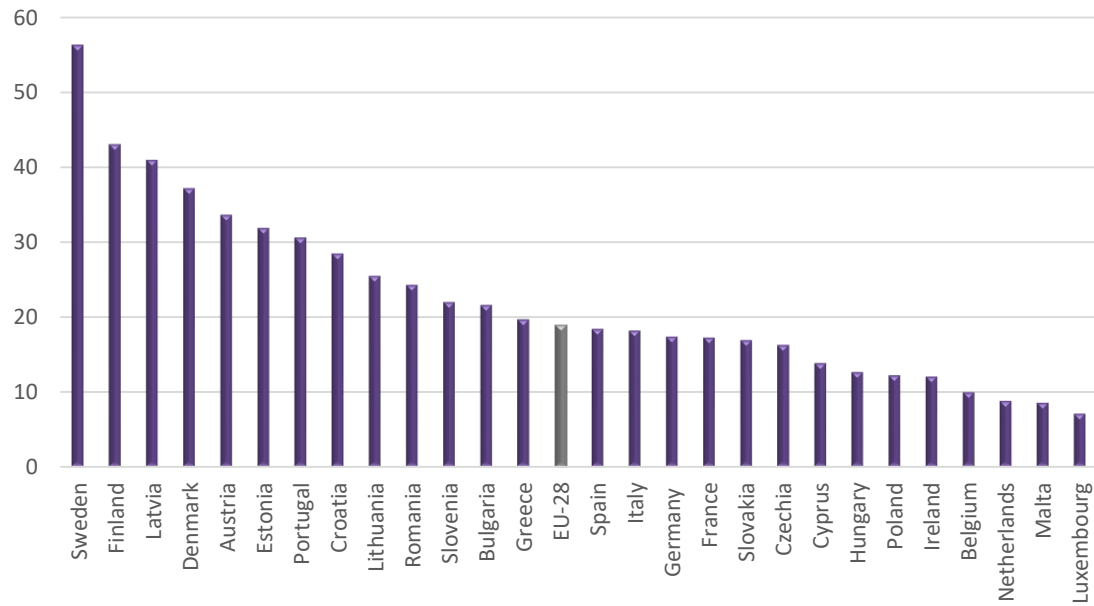
Final energy consumption (%)



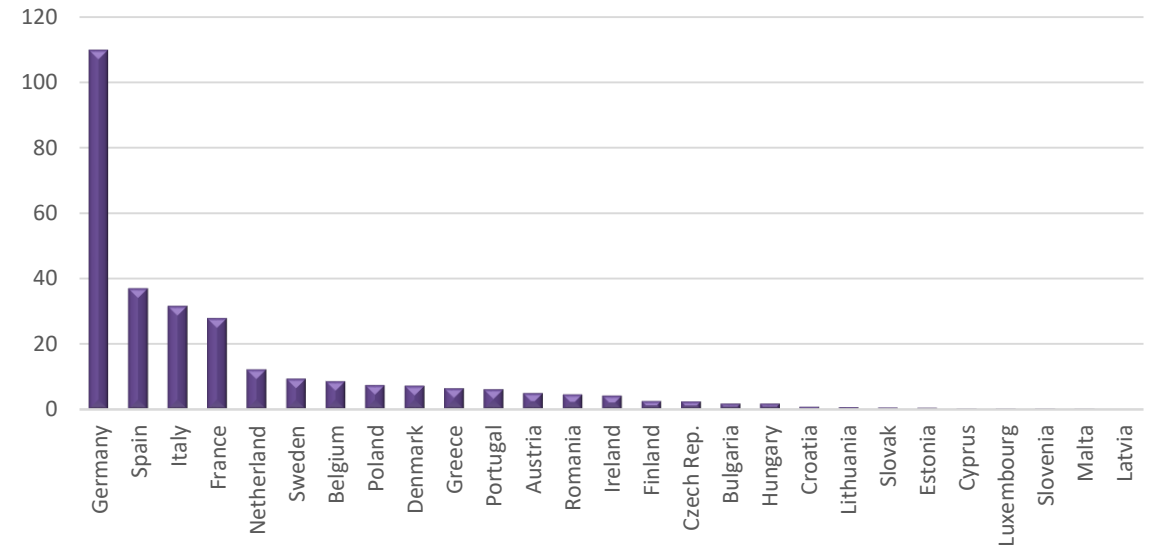
Energy mix, by region (2020)



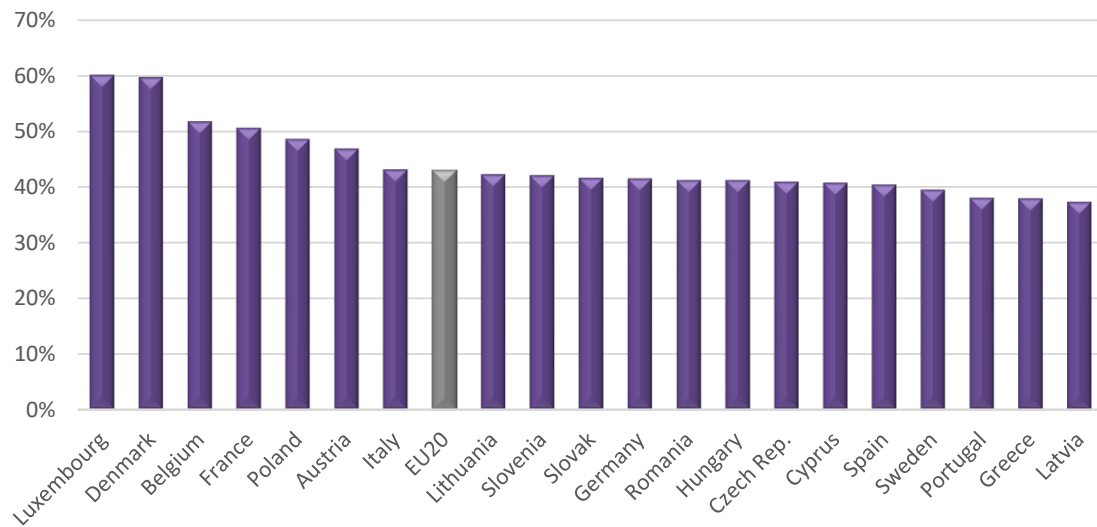
Renewables share on total gross internal consumption (2019)



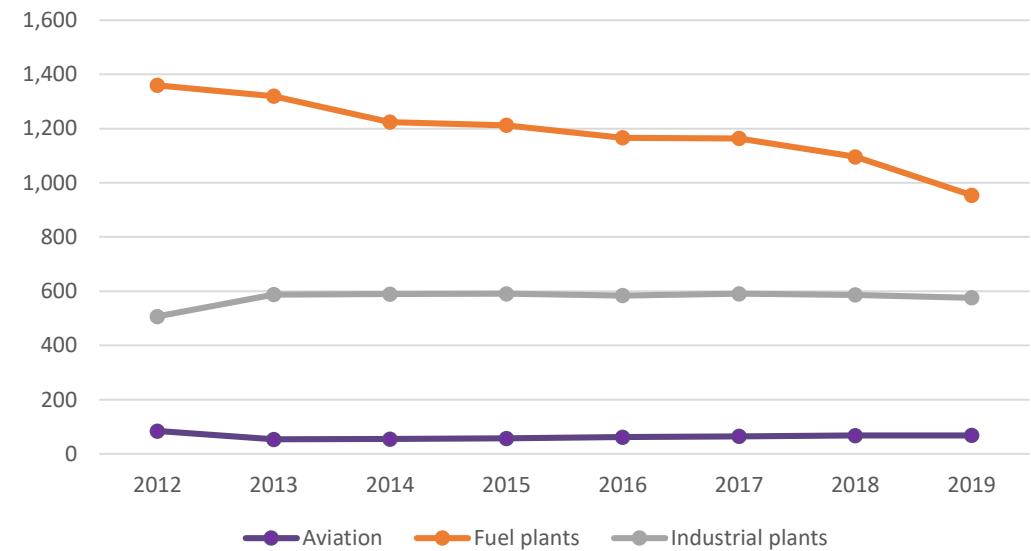
Installed capacity of wind and solar photovoltaic power (GW, 2019)



Share of resources of MS NRRPs devolved to energy transition



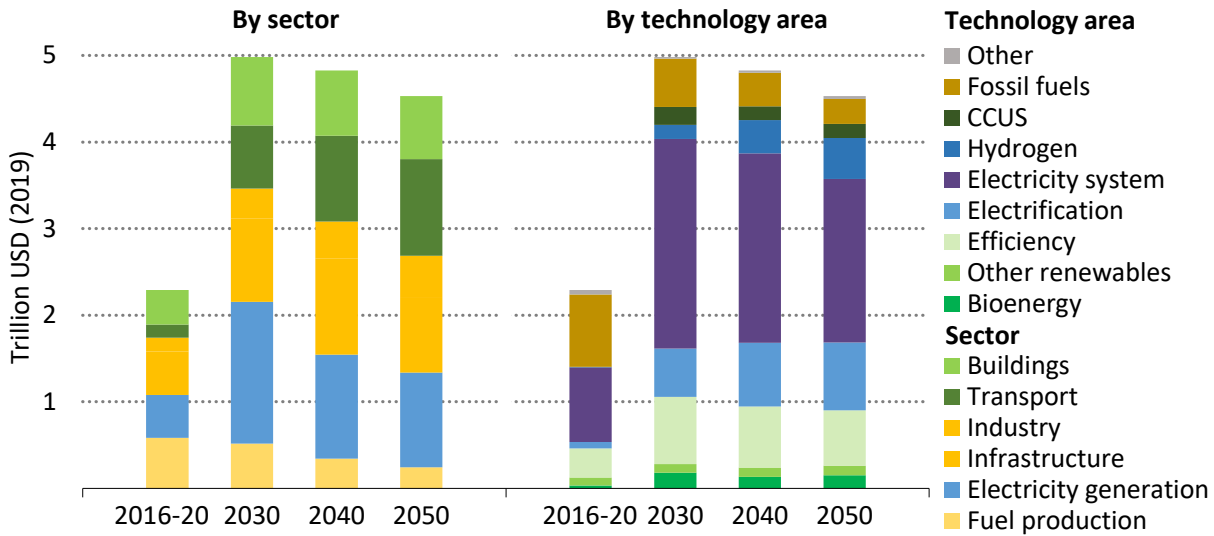
Emissions by ETS sector (2012-2019, Mt CO2 eq.)



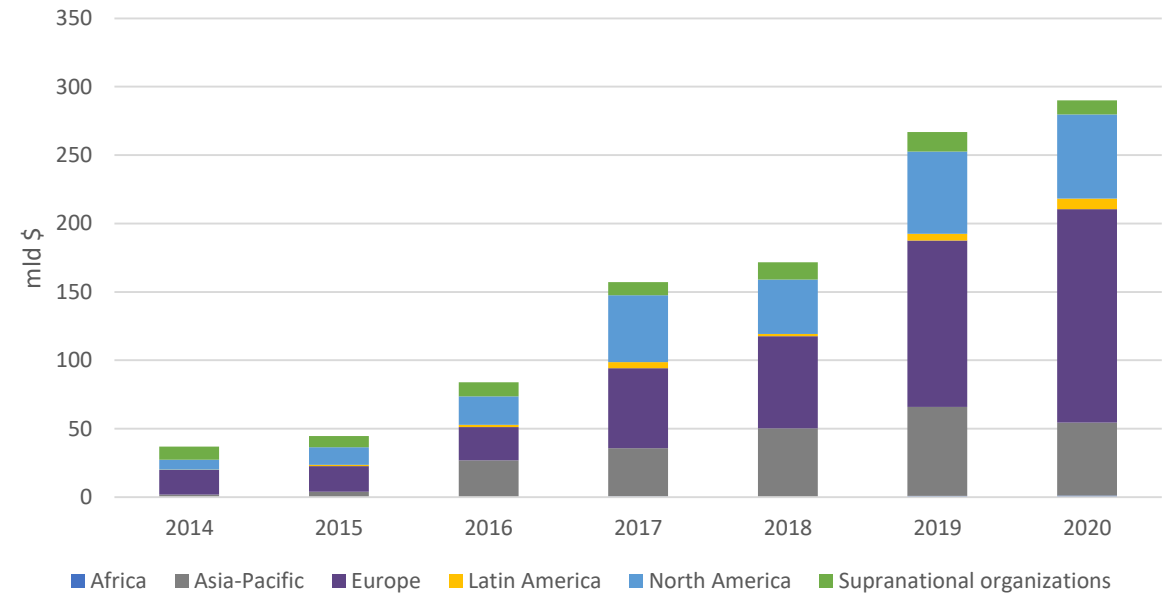
THE ROLE OF GREEN FINANCE ON THE ROAD TO DECARBONISATION

The role of green finance on the road to decarbonisation

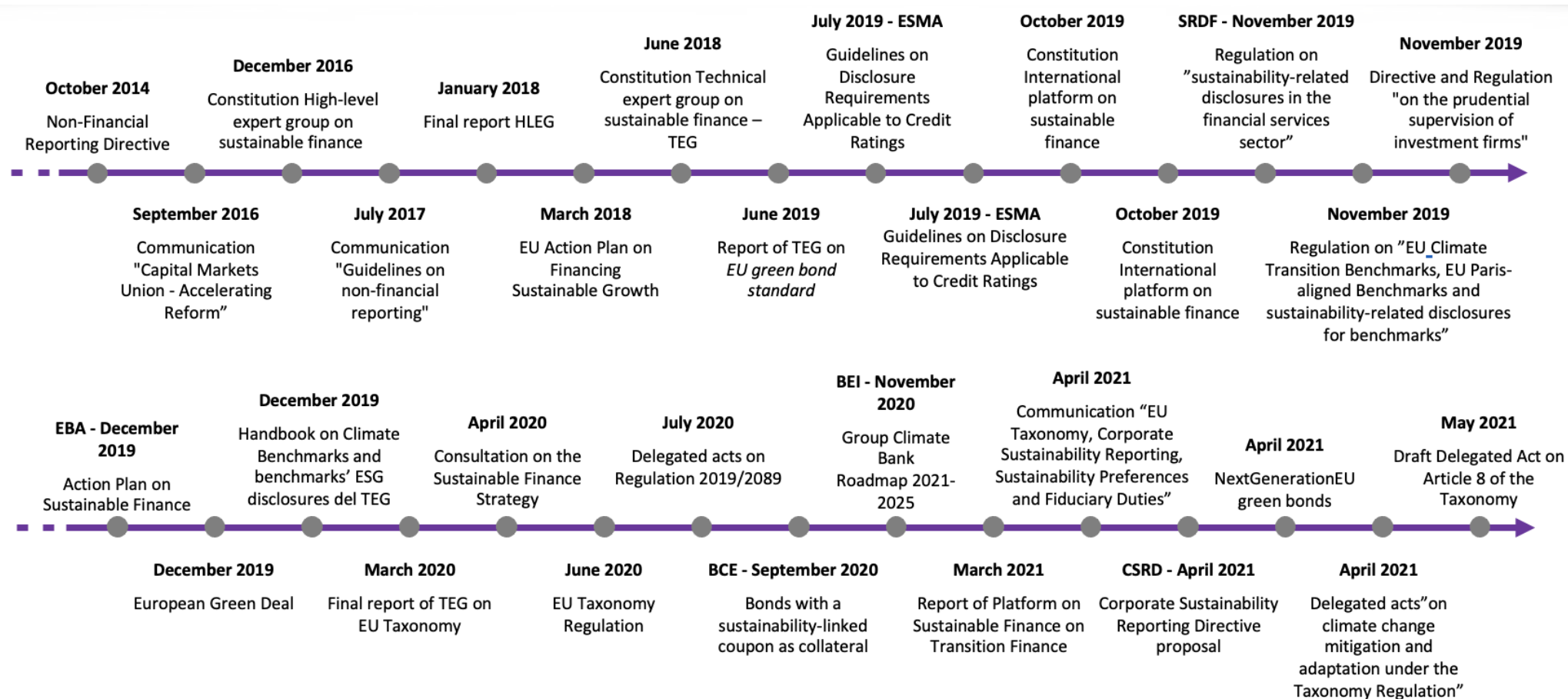
Annual average capital investment in the Net Zero Emissions Scenario



Investments in green bonds, by geographical area (bln \$, 2014-2020)

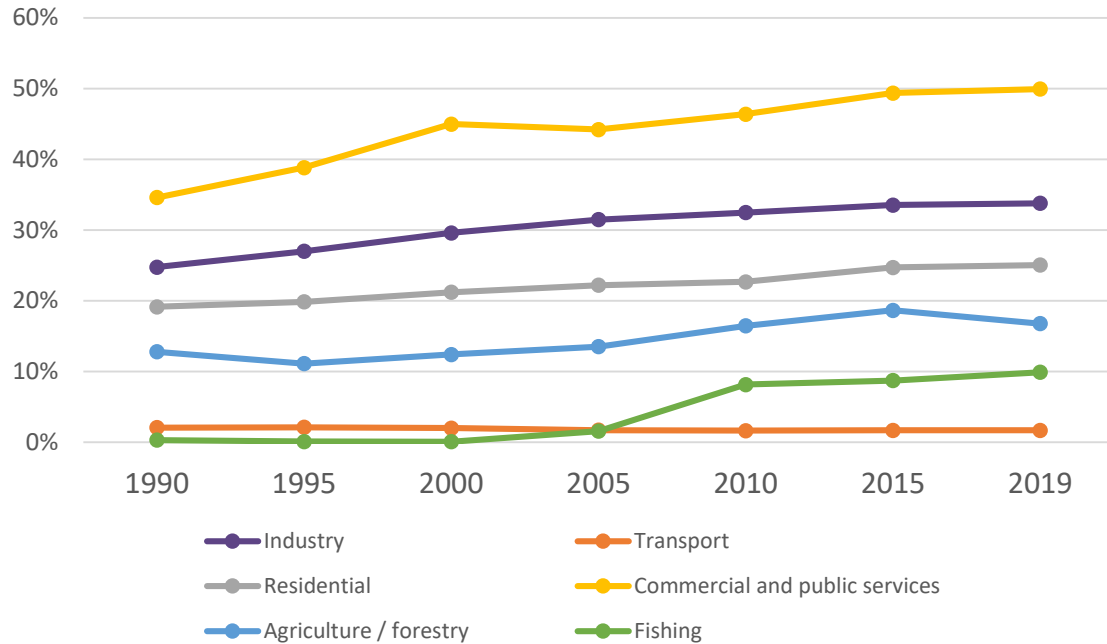


The main initiatives of the EU institutions for sustainable finance

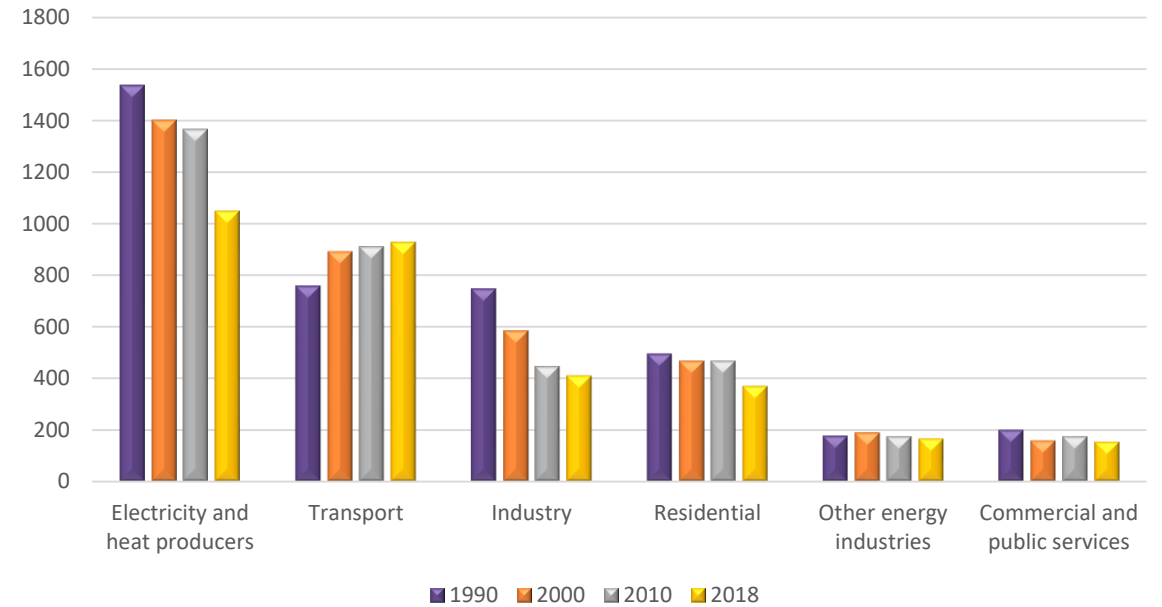


THE WAY TO A GREENER AND SMARTER MOBILITY

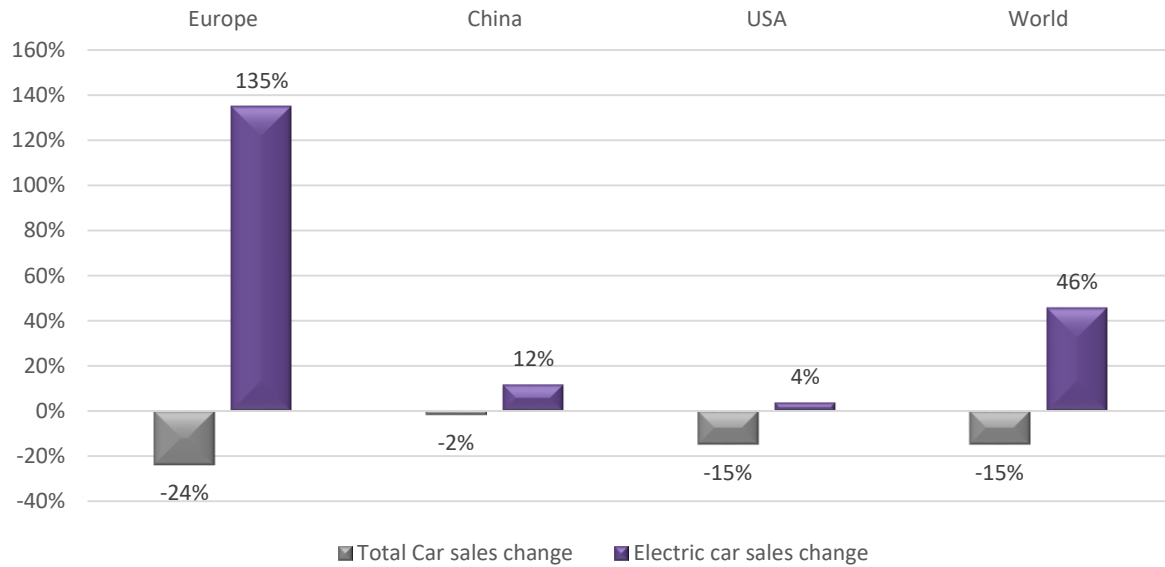
Share of electricity on total final consumption by sector (% , 1990-2019)



CO2 emissions by sector, EU28 (Mt CO2)



Increases and decreases in all car and electric car sales in selected countries and regions, 2020 relative to 2019



Passenger cars in use by fuel type, EU27 (2019)

