

CO2 Intensity of Electricity Generation

Electricity generation gives rise to negative impacts on the environment and human health throughout all stages of its life-cycle. To date, power generation remains the largest GHG-emitting sector in Europe. Carbon dioxide (CO₂) is by far the most commonly-emitted GHG across the sector, being a product of combustion processes. An almost complete decarbonisation of the electricity sector is needed in order to meet the EU objective of becoming the first carbon-neutral continent by 2050.

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