**Carbon pricing in Spain**

**Share of greenhouse gas emissions subject to a positive price by instrument, 2018-2021**
In 2021, explicit carbon prices in Spain consist of emissions trading system (ETS) permit prices, which cover 39.9% of greenhouse gas (GHG) emissions in CO$_2$e. In total, 76.2% of GHG emissions in Spain are subject to a positive Net Effective Carbon Rate (ECR) in 2021, unchanged since 2018. Fuel excise taxes, an implicit form of carbon pricing, cover 40.3% of emissions in 2021, down from 42.7% in 2018. There were no fossil fuel subsidies in 2021, while in 2018 they covered 0.5% of emissions.

![Graph showing carbon price distribution by instrument in Spain](image)

Note: Percentages are rounded to the first decimal place.

**Average effective carbon prices by instrument, real 2021 EUR, 2018-2021**
Explicit carbon prices have increased to an average of EUR 21.12 per tonne of CO$_2$e, up by EUR 14.81 (234.7%) since 2018. In 2021, fuel excise taxes amounted to EUR 41.32 on average, up by EUR 0.2 (0.5%) relative to 2018. There were no fossil fuel subsidies in 2021.

![Graph showing average carbon price distribution by instrument in Spain](image)

Note: Prices are rounded to the nearest eurocent.

**Percentage change in the average Net ECR by reference price, 2018-2021**
The average Net ECR on GHG emissions has increased by 31.7% since 2018 when measured in real 2021 euros. In nominal euros, the average Net ECR has increased by 31.8% since 2018.

![Graph showing percentage change in average Net ECR](image)
Distribution of effective carbon prices across GHG emissions, 2021

Less than 27.8% of GHG emissions have a Net ECR above EUR 60 per tonne of CO$_2$e, a mid-range estimate of current carbon costs.

![Bar chart showing the distribution of effective carbon prices across GHG emissions by sector, 2021.](chart1)

Note: Simplified for illustration (the average price for each percentile bracket is shown).

Average effective carbon prices (left axis) and GHG emissions (right axis) by sector, 2021

Net effective carbon rates are highest in the road transport sector, which accounts for 24.5% of the country's total GHG emissions. The Net ECR is positive in all sectors.

![Bar chart showing average effective carbon prices and GHG emissions by sector, 2021.](chart2)

Want to know more?