

Energy Prices

Biomass prices

Definition

This indicator measures the average household price per kWh of energy generated from biomass, including fireplaces, boilers, and stoves, reflecting the cost of one of the most widely used solid fuel alternatives across EU Member States.

Examples

A household in a rural area with access to freely sourced wood may face minimal heating costs despite limited registered energy consumption, effectively avoiding energy poverty through access to informal biomass resources.

A low-income household relying on purchased biomass in a region with high price volatility or low product quality may face disproportionately high heating costs, increasing its vulnerability to energy poverty.

Additional insights in the EPAH report: **“Energy poverty national indicators: Insights for a more effective measuring”**

Numbers

Comparable MS-level household biomass price data is currently available up to 2015. Updated data across Member States remains limited due to the significant share of freely or informally sourced biomass, particularly in rural regions.

Limits

Comparable MS-level household biomass price data is only available up to 2015, limiting the ability to assess recent trends and current affordability conditions.

Significant price diversity, varying product quality, and the prevalence of freely or informally sourced biomass in some regions can distort price-based comparisons across Member States.

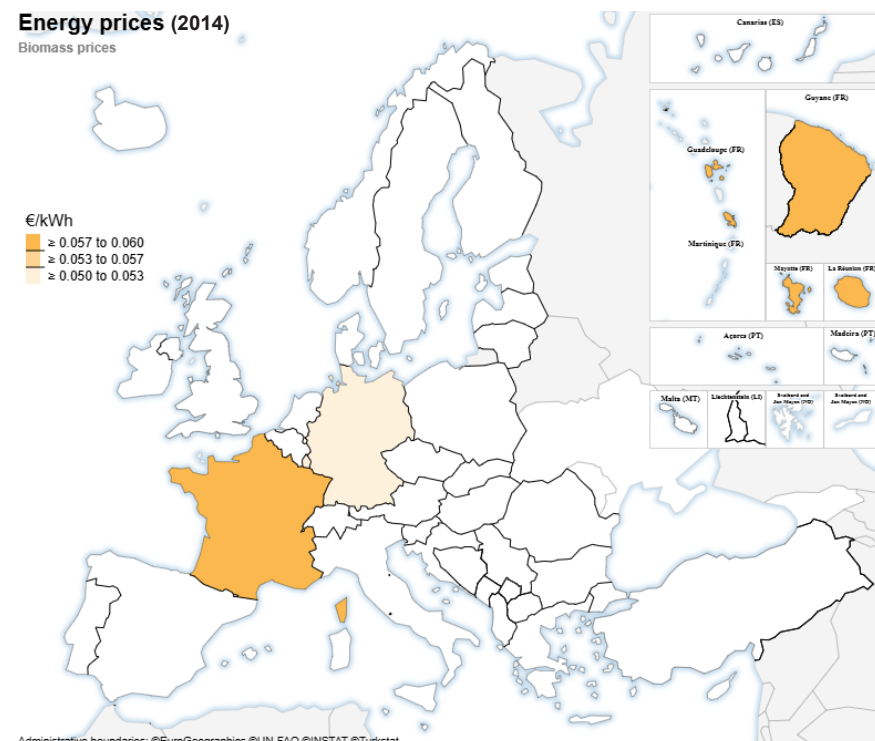
This indicator does not capture the fuel and technology mix at the household level, which is necessary to contextualise biomass price data within broader energy expenditure patterns.

Energy prices (2014)

Biomass prices

€/kWh

- ≥ 0.057 to 0.060
- ≥ 0.053 to 0.057
- ≥ 0.050 to 0.053



Administrative boundaries: ©EuroGeographics ©UN-FAO ©INSTAT ©Turkstat

0.08

0.06

0.04

0.02

0

FR

DE

LT

Unit: €/kWh | Source: Building Stock Observatory | Data reporting period: 2005-2015

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