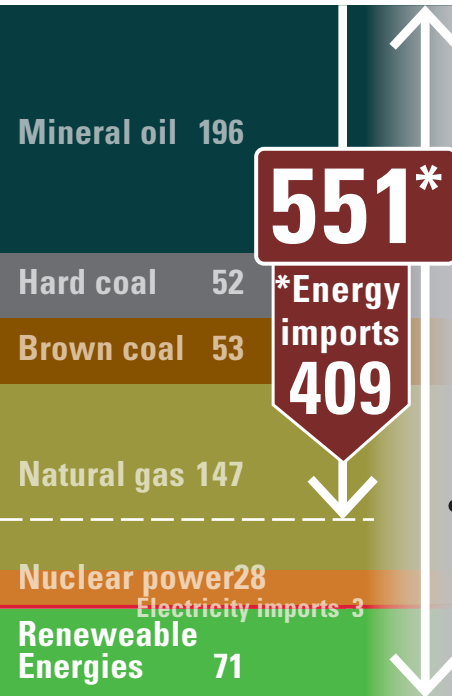


Systemic losses in the Energy Infrastructure of Germany 2017

PRIMARY ENERGY

The in the energy carriers before the conversion contained energy



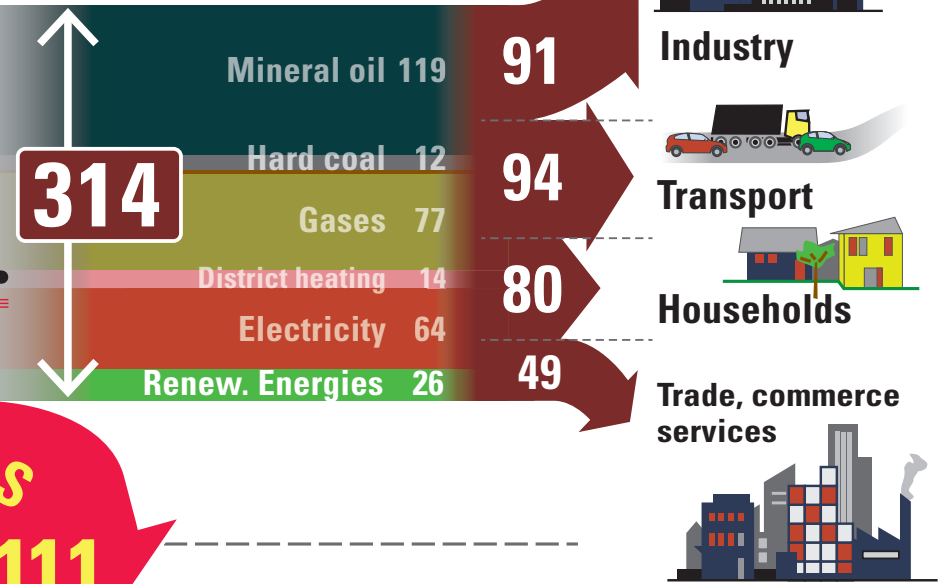
SECONDARY ENERGY

ENERGY CONVERSION
e.g. in Electricity, Coke, Gasoline



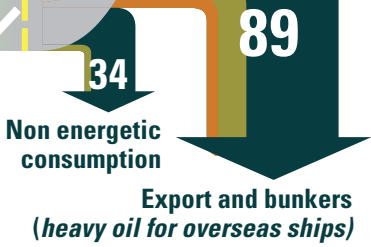
FINAL ENERGY

Available usable energy

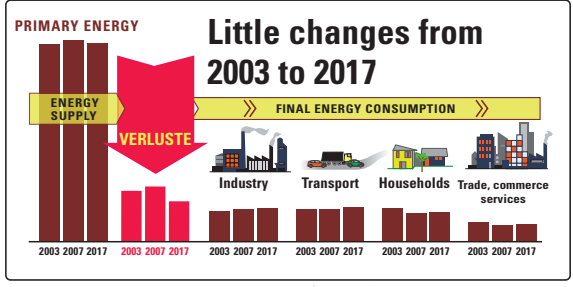


*Energy imports: 409 (Mineral oil, Natural gas, Coal and Uranium)

t.c.e. = tonne of coal equivalent



- Conversion losses
- Transmission and transport losses
- Torch losses
- Own consumption in Power plants and Refineries



Source: Arbeitsgemeinschaft Energiebilanzen e.V. / First released: 2014; latest update: Okt. 2019