

2 Energy intensity measured in terms of primary energy and GDP

Definition and scope

Energy intensity is defined as the energy supplied to the economy per unit value of economic output; in other words, energy intensity measured as primary energy supply divided by GDP (usually measured at purchasing power parity, MJ or Toe/\$ PPP GDP). NOTES: Updated: most recent data for 2015, 2016, 2017 (megajoules per constant 2011 purchasing power parity GDP).

More:

<https://unstats.un.org/sdgs/metadata/files/Metadata-07-03-01.docx>

Factsheet rationale

As stated by the SDG within Target 7.3 (By 2030, double the global rate of improvement in energy efficiency) for this indicator (7.3.1) the energy intensity is an indication of how much energy is used to produce one unit of economic output. It is a proxy of the efficiency with which an economy is able to use energy to produce economic output. A lower ratio indicates that less energy is used to produce one unit of output.

Current situation and progress in the Mediterranean region

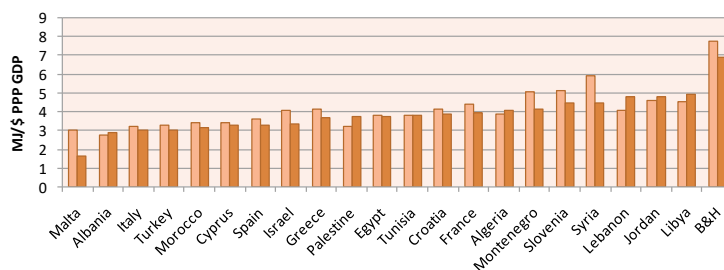
A majority of countries in the Mediterranean has improved the amount of energy used to produce one unit of economic output (lower values); in other words, production processes became more efficient comparing the absolute values between 2012 and 2017 (latest updated year). However, in the Eastern Mediterranean and in the Adriatic region some countries have failed in improving this indicator. Most likely, well developed energy plans and a transition towards sustainable consumption and production policies are helping countries to improve their energy intensity (efficient use).



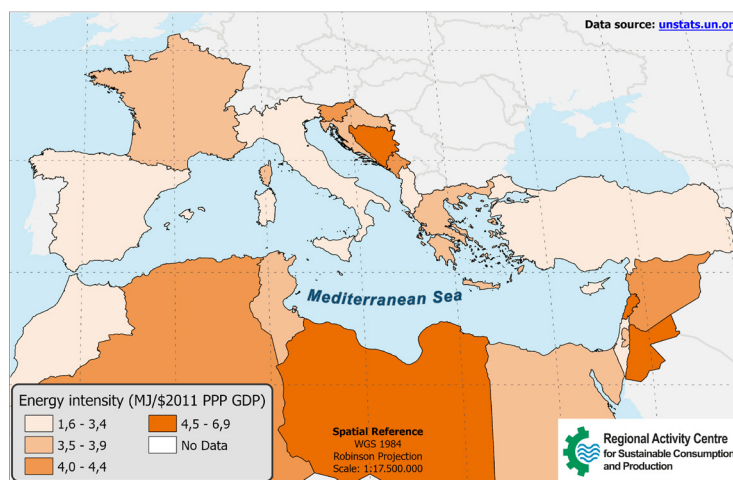
Key message

In almost all the Mediterranean countries the energy intensity indicator is decreasing, meaning that energy efficiency is improving, contributing to greener economic development.

Energy intensity change (2012 vs 2017)



Energy intensity in terms of primary energy and GDP (2018)



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Sources

2: UN SDG

Links

<https://unstats.un.org/sdgs/indicators/database/>
(<http://databank.worldbank.org/data/reports.aspx?source=2&series=EG.EGY.PRIM.PP.KD&country=#>)