

29b Renewable energy share in the total final energy consumption within the national territory

Indicator type **Core indicator**

Published

Versioning

First publication Latest update

Area and sub-area

Area and sub-area

Presentation

Tier

Indicator definition and description

Unit of measure

Coverage

Spatial aggregation

Reference period

Update frequency

Base period

Disaggregation (operational indicators)

Disaggregation (operational indicators)	Comments
<input type="text" value="Spatial"/>	<input type="text"/>
<input type="text" value="Energy product (SIEC)"/>	<input type="text"/>

Other related -indicators (e.g.contextual, proxy, other core indicators)

ID	Subindicator	Type
<input type="text" value="29a"/>	<input type="text" value="Renewable energy share in total energy use by the national economy"/>	<input type="text" value="Core indicator"/>
<input type="text" value="69"/>	<input type="text" value="Production costs of renewable energy (total and per technology)"/>	<input type="text" value="Contextual indicator"/>
<input type="text" value="70"/>	<input type="text" value="Energy price"/>	<input type="text" value="Contextual indicator"/>
<input type="text" value="71"/>	<input type="text" value="Number of vehicles per type of fuel"/>	<input type="text" value="Contextual indicator"/>
<input type="text" value="72"/>	<input type="text" value="Renewable energy capacity per technology"/>	<input type="text" value="Contextual indicator"/>
<input type="text" value="73"/>	<input type="text" value="Energetic share of biofuel in total fuel"/>	<input type="text" value="Contextual indicator"/>

Relevance

Policy context and rationale

Related SDG indicator (SDG I.)

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Relation w SDG-I. Identical with SDG indicator

Related Sendai Framework I. Not applicable

Policy references

Document title	Link
Transforming our world: the 2030 Agenda for Sustainable Development (General Assembly of the United Nations, 2015)	https://sustainabledevelopment.un.org/post2015/transformingourworld
Directive 2009/28/EC of the European Parliament and of the Council of 23 April 2009 on the promotion of the use of energy from renewable sources and amending and subsequently repealing Directives 2001/77/EC and 2003/30/EC (Text with EEA relevance) (European Commission, 2009)	https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX%3A32009L0028
Communication From The Commission To The European Parliament, The Council, The European Economic And Social Committee And The Committee Of The Regions Energy 2020 A Strategy For Competitive, Sustainable And Secure Energy (European Commission, 2010)	https://ec.europa.eu/energy/en/topics/energy-strategy-and-energy-union/2020-energy-strategy

Methodology

Methodology for indicator calculation The indicator is calculated by dividing final energy consumption from all renewable sources by total final energy consumption. Renewable energy consumption is derived from three tables of the IEA world energy statistics and balances: total final consumption, electricity output and heat output. For detailed methodology, see metadata of SDG indicator 7.2.1

Methodology references

Document title	Link
Tracking SDG 7. The Energy Progress Report. (Internal Energy Agency, International Renewable Energy Agency, United Nations Statistical Division, World Bank Group, World Health Organization, 2019)	https://trackingsdg7.esmap.org/data/files/download-documents/2019-Tracking%20SDG7-Full%20Report.pdf
Metadata of SDG indicator 7.2.1: Renewable energy share in the total final energy consumption (percent) (International Energy Agency (IEA), United Nations Statistics Division (UNSD), International Renewable Energy Agency (IRENA), 2019)	https://unstats.un.org/sdgs/metadata/files/Metadata-07-02-01.pdf

Classification syst. Standard International Energy Product Classification (SIEC)

Data sources

Main source Official statistics: other than accounts

Explanation Energy balances, energy statistics

SEEA Accounts that can serve as data sources

UN-FDES 2.2.2: Production, trade and consumption of energy

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International databases containing this indicator

World Bank DataBank	https://databank.worldbank.org
SDG indicators database	https://unstats.un.org/sdgs/indicators/database/

Comments

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This indicator is not comparable to the indicator requested by EU Directive 28/2009/CE, because the latter includes some multiplicative factors for some renewables products.