30 Share of climate change mitigation expenditure in relation to GDP

Indicator type Core indicator

Published

Versioning					
First publication	9/19/2019	Latest update	9/19/202	9	
Area and sub-area					
Area and sub-area	Mitigation	Expenditures			
Presentation					
Tier	3				
Indicator definition and description	This indicator measures the (governmental, private sector and households) expenditures related to human interventions to reduce the sources or enhance the sinks of greenhouse gasses for the limitation or reduction of GHG emissions; expressed as a share of GDP (in current prices, assuming that the numerator is also expressed in current prices)				
Unit of measure	%				
Coverage	National economy				
Spatial aggregation	National economy				
Reference period	Calendar year				
Update frequency	Annual				
Base period					
Disaggregation (ope	rational indicators)			
Disaggregation (operational indicators)				Comments	
Mitigation expendi	ture type (renewal	ole energy, energy sa	iving, CO2		
Economic sector (ISIC) and households				Disaggregation by institutional sector (corporations, general government, households, NPISH)	
Other related -indica	ators (e.g.contextu	al, proxy, other core	indicators)		
Relevance					
Policy context and rationale	Relevant to climate change mitigation policies and measures implemented under the UNFCCC, its Kyoto Protocol and the Paris Agreement under the UNFCCC				
Related SDG indicator (SDG I.)	Not applicable				
Relation w SDG-I.					
Related Sendai Framework I.	Not applicable				
Policy references					
	Document titl	e		Link	
Regulation (EU) No 538/2014 of the European Parliament			https:/	//eur-lex.europa.eu/legal-	

and of the Council of 16 April 2014 amending Regulation (EU) content/EN/TXT/?uri=CELEX%3A32014R0538

No 691/2011 on European environmental economic accounts

(European Parliament, 2014)

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Methodology

Methodology for indicator calculation

Denominator: GDP in current prices (assuming that the numerator is also expressed in current prices)

Methodology references

Document title	Link
Compiling and Refining Environmental and Economic Accounts (CREEA) (EU Cordis, 2014)	https://cordis.europa.eu/project/rcn/97380/reporting/en
Environmental protection expenditure accounts Handbook — 2017 edition (Eurostat, 2017)	https://ec.europa.eu/eurostat/web/products- manuals-and-guidelines/-/KS-GQ-17-004
Environmental expenditure statistics (Eurostat, 2007)	https://ec.europa.eu/eurostat/en/web/products- statistical-working-papers/-/KS-RA-07-012

Classification syst.

Data sources

Main source Official statistics: SEEA and/or SNA

Explanation Best option: SEEA Environmental expenditure accounts

Other option(s): national statistics, national and international research data

SEEA Accounts that can serve as data sources

SEEA Account	Comments
Accounts for other transactions related to the environment	

6.1.1: Government environmental protection and resource management expenditure

International databases containing this indicator

Comments

UN-FDES

Comments Follow-up work needed, e.g. within SEEA research agenda.