

Estimated effects of increased RES consumption since 2005 on fossil fuels and GHG emissions

Directive 2009/28/EC on the promotion and use of energy from renewable sources commits the EU to achieving a 20 % share of renewable energy sources (RES) in its gross final energy consumption by 2020 and a 10 % share of renewable energy in transport energy consumption by the same year. Article 22 of the directive requires Member States to report on national progress in the promotion and use of energy from renewable sources, biennially, starting with 31 December 2011. It specifies that the national reports shall contain, inter alia, the estimated net GHG emission savings due to the use of energy from renewable sources. Information regarding the specific methodologies used by the countries for producing the above estimates of net GHG emission savings is not always available. To that end, the EEA and its European Topic Centre for Air Pollution and Climate Change Mitigation (ETC/ACM) produce each year a consistent set of estimated co-benefits, at the Member State and EU level, concerning the impact on fossil fuels and GHG emissions due to the increase in RES consumption since 2005.

Simple

Date (Publication)	2019-12-05T08:03:05+00:00
Citation identifier	eea_estimated-effects-fossil-fuels-ghg-emissions_s
Citation identifier	DAT-196-en
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> • Austria • Belgium • Bulgaria • Croatia • Cyprus • Czechia • Denmark • Finland • France • Greece • Italy • Latvia • Lithuania • Slovakia • Spain • Malta • Ireland • Luxembourg • Estonia • Hungary • Germany • Netherlands • Sweden • Portugal • Poland • Romania • Slovenia • United Kingdom
EEA Management Plan	<ul style="list-style-type: none"> • 2018 1.3.1
EEA topics	<ul style="list-style-type: none"> • Energy • Climate mitigation
Aggregate DatasetIdentifier	a7d5f194-d268-4be9-9a07-0f3a428c058e
Association Type	Is composed of
Association Type	Is composed of
Language of dataset	English

Character set	UTF8
Topic category	<ul style="list-style-type: none"> Environment
Begin date	2005
End date	2017

Metadata

File identifier	56d1a80f-5a49-4c90-9a3b-4054a5705da9 XML
Metadata language	English
Character set	UTF8
Hierarchy level	Series
Date stamp	2023-02-06T12:12:53.361Z
Metadata standard name	ISO 19115:2003/19139
Metadata standard version	1.0

Metadata author	Organisation name	Individual name	Electronic mail address	Role
	European Environment Agency		sdi@eea.eur sdi@eea.europa.eu	Point of contact

Overviews



Provided by



