

## Eco-innovation index

This data presents the calculated eco-innovation index score for Member States. 'Eco-innovation is any innovation that make progress towards a more green and sustainable economy by reducing environmental pressures, increasing resilience or using natural resources more efficiently' .

The eco-innovation index is based on the eco-innovation scoreboard, which has indicators in five thematic areas:

- 1) 'Eco-innovation inputs, which includes financial and human capital investment in eco-innovative activities;
- 2) Eco-innovation activities, which defines the extent to which companies in a given country are active in eco-innovation;
- 3) Eco-innovation outputs, which measures the output of eco-innovation activities concerning the number of patents and academic literature;
- 4) Resource efficiency outcomes, which pinpoint a country's efficiency of resources and GHG emission intensity; and
- 5) Socio-economic outcomes, which aims to measure the positive societal as well as economic outcomes of eco-innovation' .

## Simple

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			Point of contact

## Point of contact

No information provided.

<b>Maintenance and update frequency</b>	Every 2 years
<b>Date of next update</b>	2024-11
<b>Keywords</b>	
<b>Keywords</b>	
<b>GEMET</b>	<ul style="list-style-type: none"> <li>• <a href="#">statistical data</a></li> <li>• <a href="#">innovation</a></li> </ul>
<b>Continents, countries, sea regions of the world.</b>	<ul style="list-style-type: none"> <li>• EU27 (from 2020)</li> </ul>
<b>EEA Management Plan</b>	<ul style="list-style-type: none"> <li>• 2024 5.2.2</li> </ul>
<b>EEA topics</b>	<ul style="list-style-type: none"> <li>• <a href="#">Sustainability</a></li> <li>• <a href="#">Climate</a></li> <li>• <a href="#">Economy and resources</a></li> <li>• <a href="#">Industry</a></li> </ul>

<b>Unit of measure</b>	<ul style="list-style-type: none"> <li>Index, 2013 = 100</li> </ul>
<b>Available breakdowns</b>	<ul style="list-style-type: none"> <li>Country</li> </ul>
<b>Reference period</b>	<ul style="list-style-type: none"> <li>Calendar year</li> </ul>
<b>Use constraints</b>	Other restrictions
<b>Other constraints</b>	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged ( <a href="http://www.eea.europa.eu/legal/copyright">http://www.eea.europa.eu/legal/copyright</a> ). Copyright holder: European Environment Agency (EEA).
<b>Language of dataset</b>	English
<b>Topic category</b>	<ul style="list-style-type: none"> <li>Environment</li> <li>Economy</li> </ul>
<b>Begin date</b>	2013-01-01
<b>End date</b>	2022-12-31
<b>Distribution format</b>	<ul style="list-style-type: none"> <li>Microsoft Excel (.xls, .xlsx) ( )</li> <li>ascii (.csv, .txt, .sql) ( )</li> </ul>

<b>OnLine resource</b>	<b>Protocol</b>	<b>Linkage</b>	<b>Name</b>
	EEA:FOLDERPATH	<a href="https://sdi.eea.europa.eu/webdav/datastore/public/eea_s_suso001_p_2013-2022_v01_r00">https://sdi.eea.europa.eu/webdav/datastore/public/eea_s_suso001_p_2013-2022_v01_r00</a>	
	WWW:URL	<a href="https://sdi.eea.europa.eu/data/b06c1a37-c280-46d8-820c-56bbbc45a2ce">https://sdi.eea.europa.eu/data/b06c1a37-c280-46d8-820c-56bbbc45a2ce</a>	Direct download
	WWW:LINK-1.0-http--link	<a href="https://www.eea.europa.eu/en/analysis/indicators/eco-innovation-index-8th-eap?activeAccordion=309c5ef9-de09-4759-bc02-802370dfa366">https://www.eea.europa.eu/en/analysis/indicators/eco-innovation-index-8th-eap?activeAccordion=309c5ef9-de09-4759-bc02-802370dfa366</a>	EEA indicator: Eco-innovation index
	WWW:LINK-1.0-http--link	<a href="https://green-business.ec.europa.eu/eco-innovation_en#eco-innovation-scoreboard">https://green-business.ec.europa.eu/eco-innovation_en#eco-innovation-scoreboard</a>	EC Eco-innovation scoreboard

## OnLine resource

No information provided.

<b>Hierarchy level</b>	Dataset
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## Accuracy of time measurement

<b>Name of measure</b>	Frequency of dissemination
<b>Measure description</b>	Indicator is updated every second year.

## Quantitative result

<b>Value</b>	Every 2 years
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## Accuracy of time measurement

<b>Name of measure</b>	Timeliness
<b>Measure description</b>	New data points are disseminated within one year after the reference year

## Quantitative result

Value	T+1 year
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## Quantitative attribute accuracy

Name of measure	Reference area
Measure description	Data are presented for all EU Member States

## Quantitative result

Value	All EU MS
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## Domain consistency

Name of measure	Comparability - geographical
Measure description	The ecoinnovation index is calculated based on 12 different indicators. The comparability of the indicator depends on the comparability of the underlying data for each indicator, though as these are produced by statistical institutions with high data-quality standards, predominantly Eurostat, it is likely high. For more detail please refer to <a href="https://circabc.europa.eu/ui/group/96ccdecd-11b4-4a35-a046-30e01459ea9e/library/ddb0a147-f2fc-4555-849a-215c95ba592d/details">https://circabc.europa.eu/ui/group/96ccdecd-11b4-4a35-a046-30e01459ea9e/library/ddb0a147-f2fc-4555-849a-215c95ba592d/details</a>

## Quantitative result

Value	All EU MS
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## Domain consistency

Name of measure	Time coverage
Measure description	Presented time series (including EU aggregates) starts in 2013.

## Quantitative result

Value	5 to 10 years
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## Domain consistency

Name of measure	Comparability - over time
Measure description	Over time there have been some changes to the methodology that may affect the comparability over time. Please refer to the methodology note: <a href="https://circabc.europa.eu/ui/group/96ccdecd-11b4-4a35-a046-30e01459ea9e/library/ddb0a147-f2fc-4555-849a-215c95ba592d/details">https://circabc.europa.eu/ui/group/96ccdecd-11b4-4a35-a046-30e01459ea9e/library/ddb0a147-f2fc-4555-849a-215c95ba592d/details</a>

## Quantitative result

Value	> 4 data points
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Statement	The ecoinnovation index is calculated based on 12 different indicators. The accuracy of the indicator depends on the accuracy of these indicators, though as these are predominantly produced by statistical institutions with high data-quality standards it is likely high. Over time there have been some changes to the methodology that may affect the comparability over time. For more detail please refer to <a href="https://circabc.europa.eu/ui/group/96ccdecd-11b4-4a35-a046-30e01459ea9e/library/ddb0a147-f2fc-4555-849a-215c95ba592d/details">https://circabc.europa.eu/ui/group/96ccdecd-11b4-4a35-a046-30e01459ea9e/library/ddb0a147-f2fc-4555-849a-215c95ba592d/details</a>
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Source	•
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## Metadata

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<b>File identifier</b>	b06c1a37-c280-46d8-820c-56bbbc45a2ce <a href="#">XML</a>		
<b>Metadata language</b>	English		
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<b>Metadata standard version</b>	1.0		
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	European Environment Agency		sdi@eea.europa.eu      Point of contact

## Overviews

Dataset for indicator	Eco-innovation index																				
Conditions																					
Unit	Index, 2013 = 100																				
Coverage	EU27_2020																				
Legend	AGG= Aggregate																				
	MS= Member State																				
	EFTA= EFTA country																				
	CC= Candidate Country																				
	TIME																				
GEO (Labels)	GEO (Codes)	2013	Flags	2014	Flags	2015	Flags	2016	Flags	2017	Flags	2018	Flags	2019	Flags	2020	Flags	2021	Flags	2022	Flags
European Union - 27 countries	EU27_2020	100	e	103.52	e	105.33	e	106.16	e	107.94	e	109.44	e	111.05	e	112.39	e	115.84	e	121.47	e
Belgium	BE	75.91	e	82.88	e	82.24	e	87.39	e	88.05	e	90.53	e	91.15	e	93.37	e	94.35	e	99.78	e
Bulgaria	BG	25.18	e	29.42	e	31.65	e	29.52	e	30.6	e	36.94	e	39.13	e	44.41	e	55.85	e	57.73	e
Czechia	CZ	92.61	e	93.46	e	97.91	e	103.23	e	98.85	e	100.39	e	103.65	e	104.86	e	109.86	e	110.98	e
Denmark	DK	151.84	e	159.14	e	158.3	e	155.34	e	158.41	e	156.5	e	157.4	e	164.11	e	160.93	e	167.49	e
Germany	DE	109.83	e	113.43	e	115.9	e	120.16	e	121.85	e	123.16	e	128.37	e	130.93	e	135.76	e	141.18	e
Estonia	EE	98.59	e	89.93	e	96.53	e	98.32	e	109.5	e	98.79	e	98.65	e	106.8	e	111.65	e	115.52	e
Ireland	IE	77.28	e	78.38	e	82.84	e	87.63	e	98.89	e	101.26	e	100.44	e	100.26	e	100.82	e	110.39	e
Greece	EL	55.94	e	60.59	e	70.3	e	69.1	e	76.62	e	73.1	e	92.07	e	85.77	e	93.32	e	101.59	e
Spain	ES	104.47	e	106.29	e	105.62	e	104.55	e	105.04	e	107.65	e	106.56	e	108.56	e	112.88	e	116.43	e
France	FR	109.58	e	109.07	e	111.89	e	113.62	e	117.72	e	116.09	e	122.33	e	125.06	e	124.64	e	130.65	e
Croatia	HR	64.16	e	71.37	e	72.68	e	73.3	e	73.92	e	75.74	e	79.01	e	83.27	e	86.1	e	88.81	e
Italy	IT	102.55	e	109.2	e	115.04	e	119.02	e	118.65	e	127.06	e	117.72	e	121.57	e	125.31	e	129.39	e
Cyprus	CY	68.3	e	68.16	e	65.39	e	70.31	e	73.7	e	73.62	e	85.98	e	78.23	e	93.26	e	94.65	e
Latvia	LV	80.06	e	81.25	e	87.35	e	95.8	e	99.44	e	97.75	e	97.8	e	97.15	e	102.07	e	105.37	e
Lithuania	LT	66.24	e	71.09	e	73.13	e	78.46	e	85.48	e	81.73	e	87.79	e	92.77	e	98.48	e	103.75	e
Luxembourg	LU	150.74	e	164.79	e	174.95	e	173.33	e	162.91	e	171.95	e	175.5	e	174.72	e	173.05	e	179.02	e
Hungary	HU	52.64	e	60.33	e	77.62	e	58.92	e	58.93	e	64.79	e	63.97	e	65.21	e	69.56	e	81.15	e
Malta	MT	51.58	e	50.77	e	57.81	e	60.06	e	68.55	e	93.54	e	79.84	e	79.22	e	78.79	e	79.76	e
Netherlands	NL	95.1	e	100.04	e	102.99	e	103.14	e	104.34	e	109.65	e	112.29	e	118.23	e	116.03	e	118.78	e
Austria	AT	137.27	e	144.8	e	147.84	e	145.08	e	148.9	e	153.12	e	156.52	e	159.63	e	157.23	e	173.86	e
Poland	PL	46.45	e	49.34	e	51.07	e	55.25	e	56.52	e	59.07	e	60.98	e	60.49	e	63.88	e	67.37	e
Portugal	PT	82.18	e	84.66	e	89.07	e	90.86	e	92.75	e	97.27	e	98.43	e	98.31	e	104.57	e	105.69	e
Romania	RO	86.16	e	87.58	e	88.27	e	91.36	e	87.39	e	83.95	e	77.61	e	80.5	e	81.49	e	84.59	e
Slovenia	SI	89.74	e	91.86	e	95.82	e	94.25	e	98.29	e	97.02	e	100.39	e	106.81	e	111.03	e	115.86	e
Slovakia	SK	68.13	e	74.14	e	77.34	e	82.04	e	87.24	e	85.59	e	79.08	e	85.48	e	88.05	e	94.41	e
Finland	FI	168.67	e	176.61	e	176.7	e	180.02	e	181.55	e	169.91	e	169.41	e	170.55	e	170.89	e	178.01	e
Sweden	SE	152.99	e	157.9	e	156.95	e	159.94	e	161.08	e	163.96	e	168.19	e	163.91	e	157.59	e	160.95	e
Iceland	IS	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Liechtenstein	LI	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Norway	NO	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Switzerland	CH	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Bosnia and Herzegovina	BA	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Montenegro	ME	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
North Macedonia	MK	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Albania	AL	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Serbia	RS	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Türkiye	TR	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Kosovo (under United Nations supervision)	KK	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:	:

Provided by

