

# EEA catalogue of policy evaluations- lessons learnt

EEA & Ramboll | 04/06/2021 | Energy Evaluation Academy



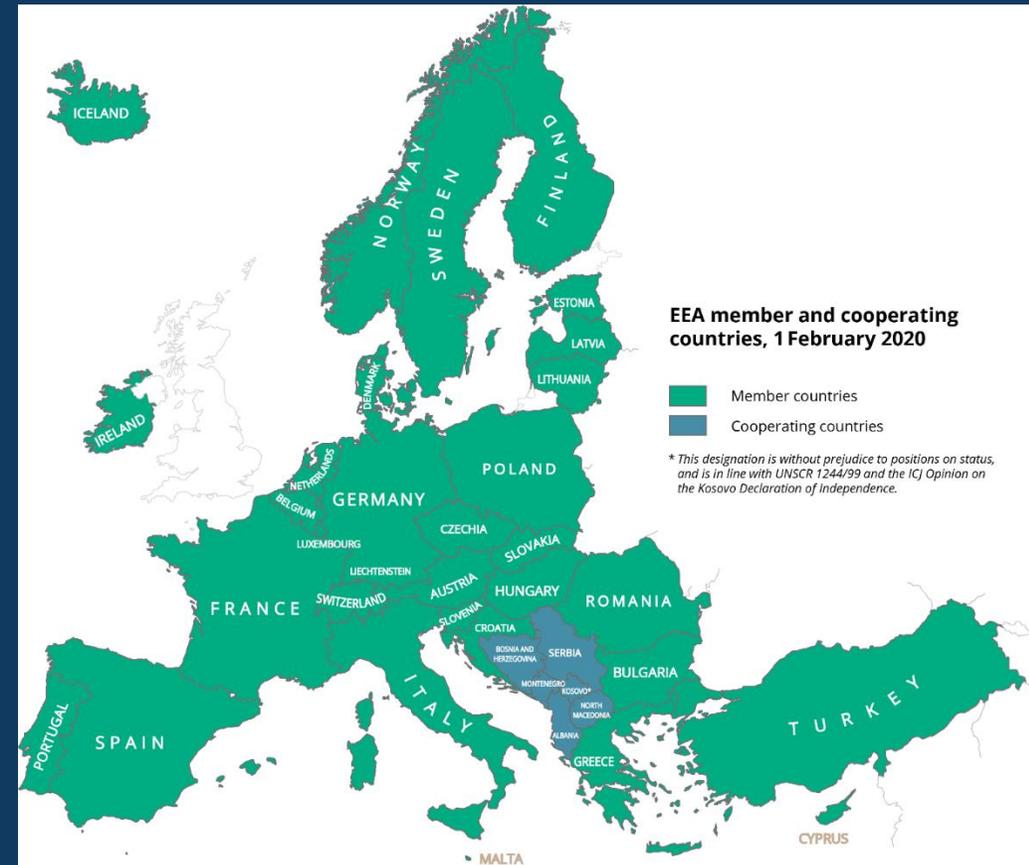
# The next 60 minutes....

- EEA and its work on policy evaluation
- Motivation to establish a catalogue
- Methodology behind
- Meta-analysis
- Next steps
- Discussion

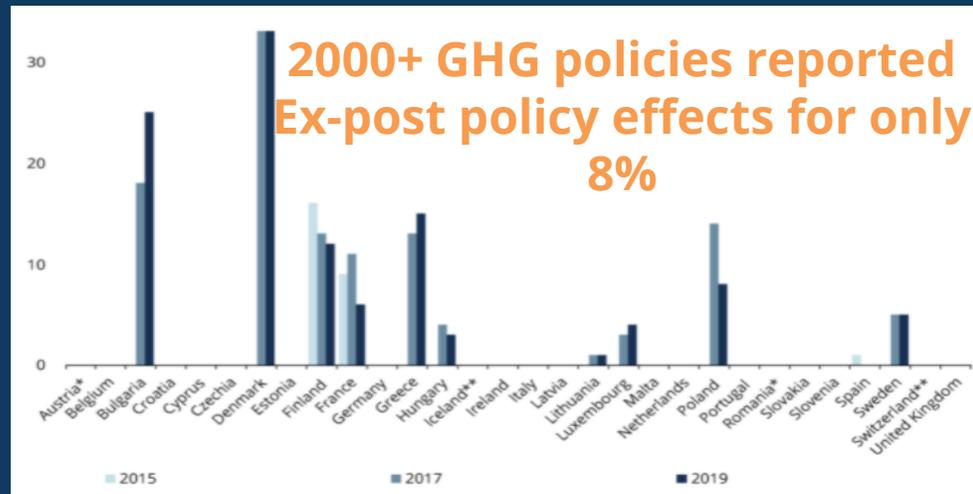


# The European Environment Agency:

- EU agency
- science and policy interface
- gathering, analysing and providing information, that is:
  - \* reliable, \* relevant, \* targeted, \* timely
- carry out its work with strong networks (EIONET)



# Policy evaluation – selected activities



Climate change mitigation

## Using Member States' information on policies and measures to support policymaking: energy efficiency in buildings

In line with EU legislation, Member States report information on their policies and measures to reduce greenhouse gas emissions. This information is used to monitor climate action at a national level. It is also important for supporting policy evaluation and informing policy decisions. This briefing presents the results of two case studies analysing policies and measures targeting energy efficiency in buildings.

Briefing — Published 05 Jul 2018 — Last modified 06 Jul 2018 — 6 min read  
Image copyright: Tobias Terman Olsen

PDF

### Main findings

- Publicly available information on national policies and measures represents a valuable resource to undertake policy assessments and evaluations.

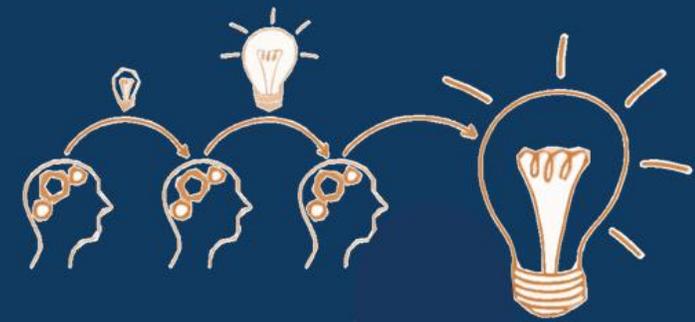
EEA Report | No 18/2016

## Environment and climate policy evaluation

ISSN 1977-8449

European Environment Agency

# How did we get **the idea**?



- Growing amount of policy evaluations
- No comprehensive resource
- Uneven coverage of climate and environment domains
- Missing evaluations = lack of policy action?



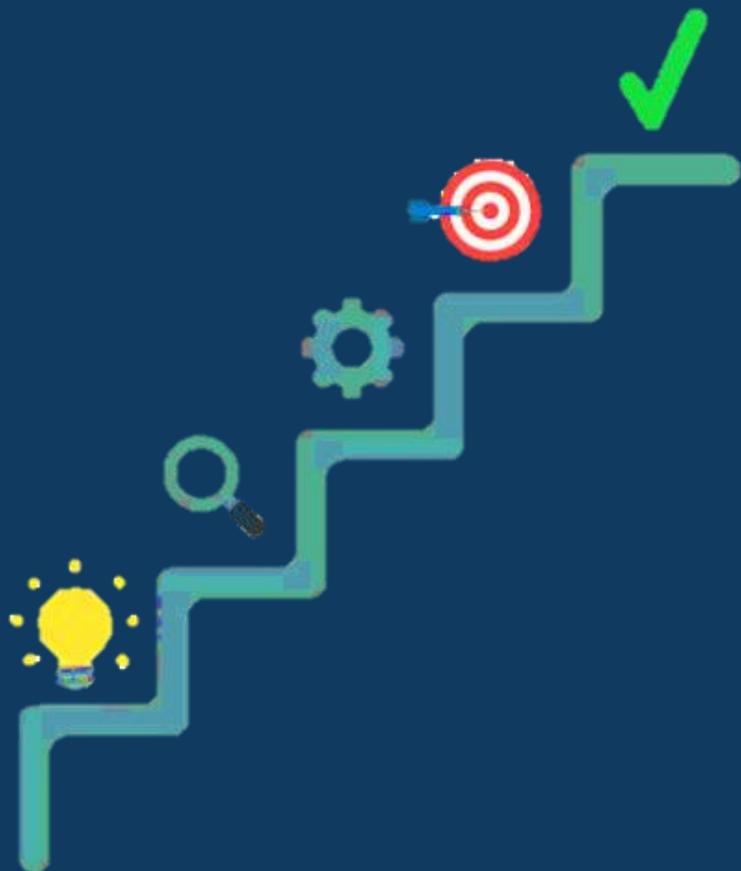
**Catalogue of  
environment and  
climate policy  
evaluations**





( 2017) → draft product (2018) ->

updated catalogue published in 2021



## Environmental and climate policies: European countries report more climate policies but how effective are they? What can we learn from their design and methods used?

A good starting point to evaluate a policy is to look how others evaluated similar interventions, what are the most common elements, approaches or methodologies. Another resource to undertake policy assessment is officially reported, quality checked and publicly available information on national policies and measures.

Find nearly 600 evaluations in the field of environment and climate policies across Europe in our catalogue



Search term	Filter by
1. Evaluation of the Eco-Strategy on Investments (Eco-Strategy)	Policy area: Climate adaptation
2. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Sector: Industry
3. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Author type: European Commission
4. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Geographical scope: Europe
5. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Publication year: 2017
6. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Evaluation scope: Impact assessment
7. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Type: Report
8. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Period: 2017
9. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Technique: Impact assessment
10. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Criteria: Impact assessment
11. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Method: Impact assessment
12. Evaluation of the effectiveness of the EU Emissions Trading Scheme (ETS) in 2017. The EU Emissions Trading Scheme in 2017	Method type: Impact assessment

What are countries doing to reduce greenhouse gas emissions and to achieve climate change and energy targets?



Policies and measures



# The catalogue – a database of 600 reviewed policy evaluations

- Overview of methodologies and approaches
- Knowledge sharing platform
- Good starting point for:
  1. Civil servants – **a benchmarking tool**
  2. Researchers – **data for meta- assessment**
  3. Evaluators – **a methodological toolbox**
- Shows areas covered by policy evaluations



Photo: Tobias Terman Olsen

# THE METHODOLOGY BEHIND THE CATALOGUE



# DEFINING THE SCOPE OF THE CATALOGUE

## **Thematic scope**

- Climate and/or environmental policies

## **Geographic scope**

- Policies on the European level
- Policies on the national level in six European countries (Germany, Denmark, Netherlands, Belgium, Finland, France and the UK)

# FINDING THE NEEDLE(S) IN THE HAYSTACK

## Main sources

1. Websites of identified stakeholders on EU level

- European Commission, EEA, ECA, OECD etc.

2. Websites of identified stakeholders on national level of selected member states

- Germany, Denmark, Netherlands, Belgium, Finland, France and the UK

3. Keyword search with keywords in English and national languages

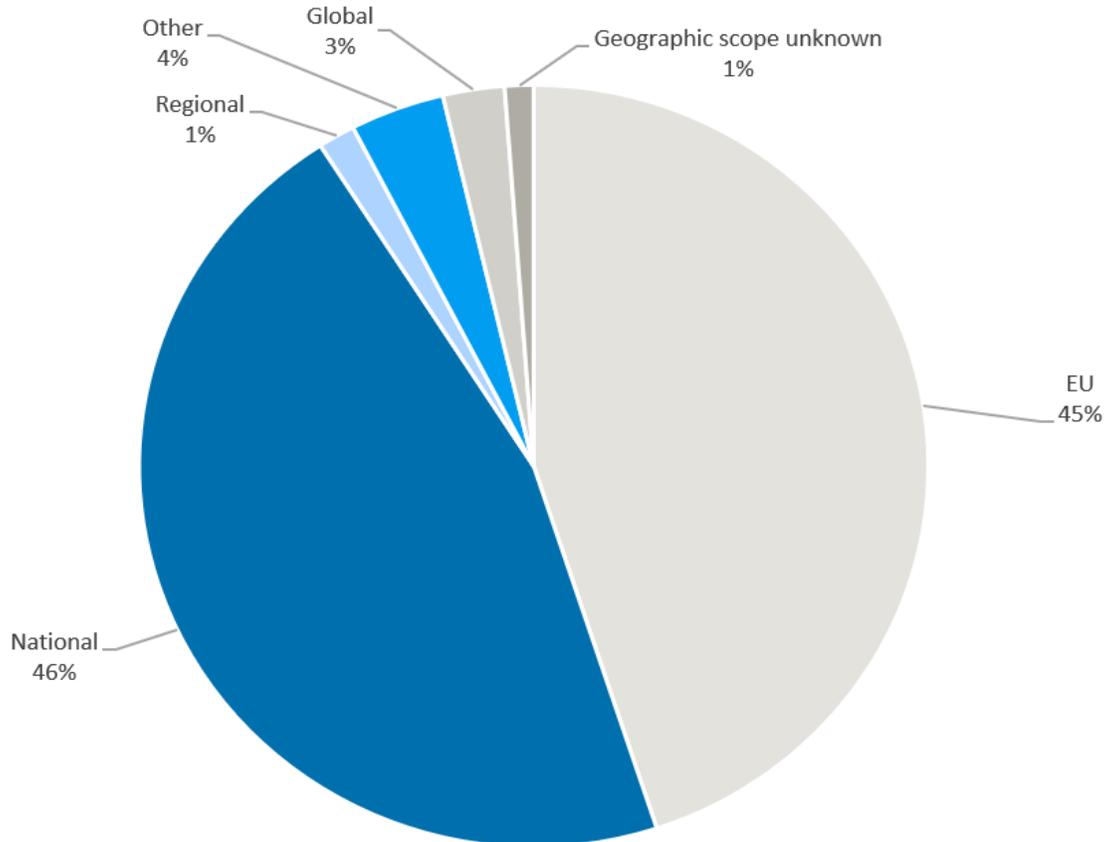


# TARGETED SELECTION CRITERIA OF DOCUMENTS

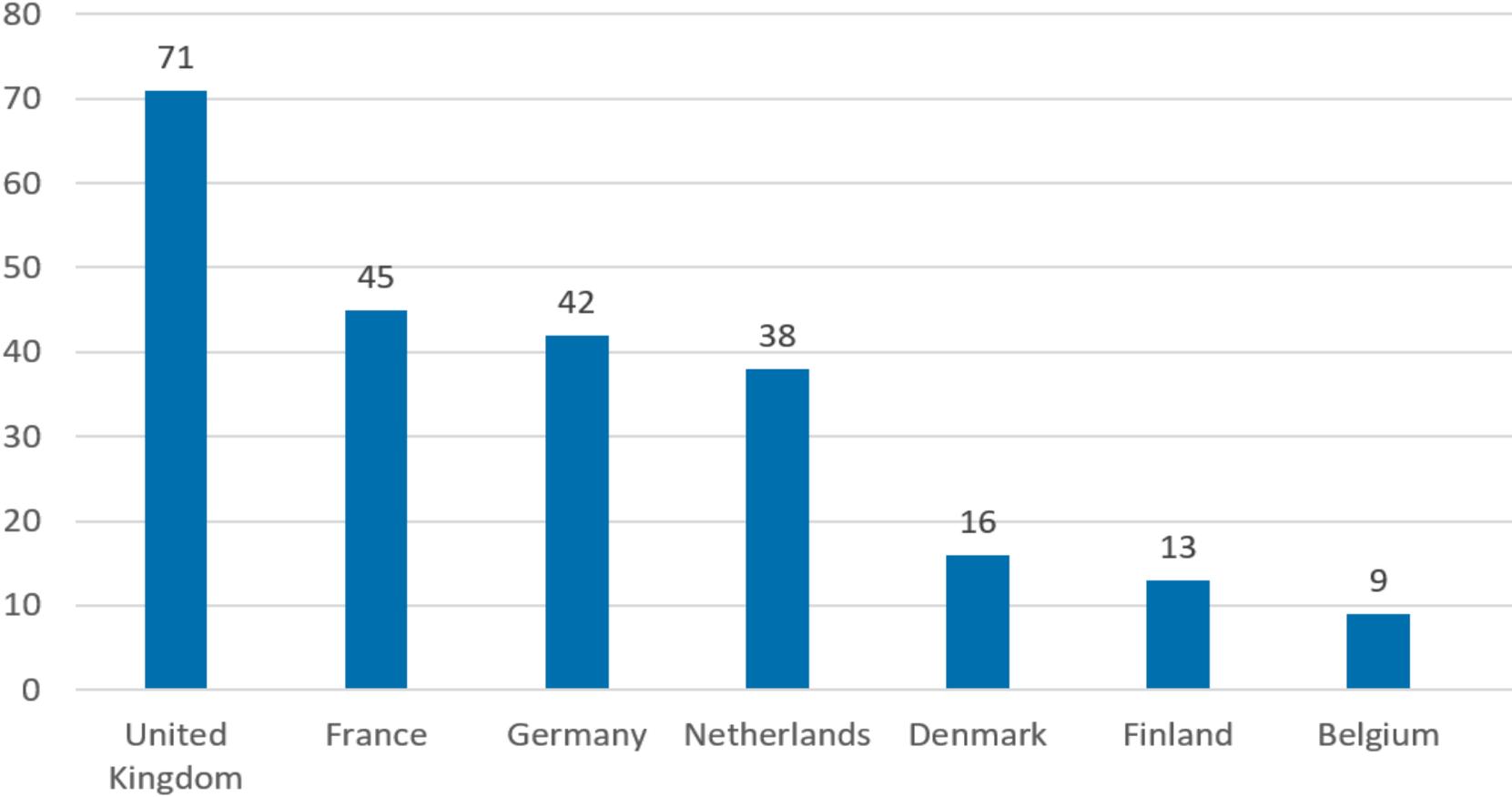
- ✓ Document has a policy *and* evaluation element
- ✓ Evaluated policies are focused on climate and/or environmental policies
- ✓ Geographic scope: EU, EEA or selected countries (BE, NL, DE, FR, UK, DK, FI)
- ✓ Document is publicly available

# MAIN FINDINGS OF THE ANALYSIS OF THE CATALOGUE

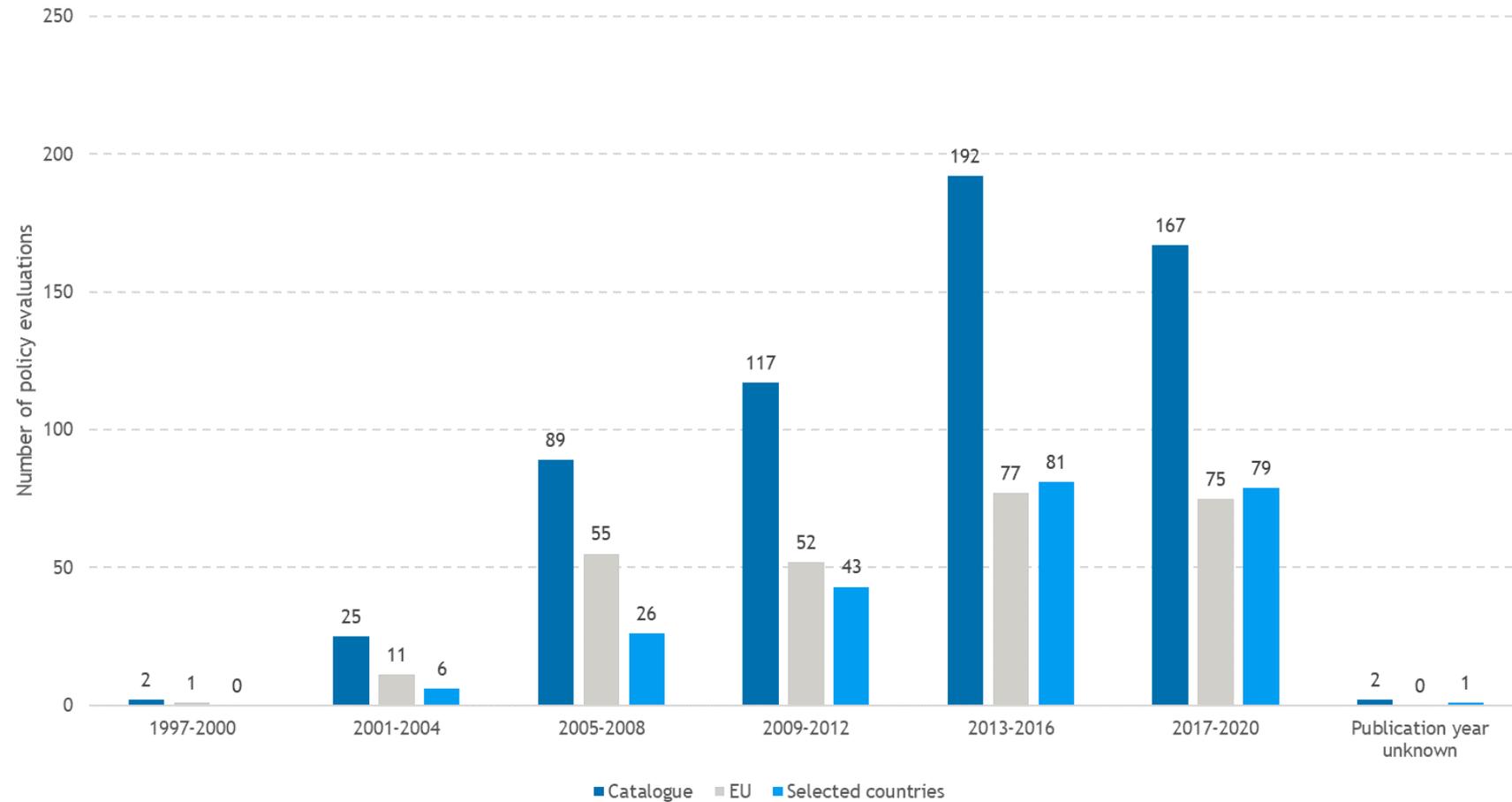
# GEOGRAPHIC COVERAGE (1/2)



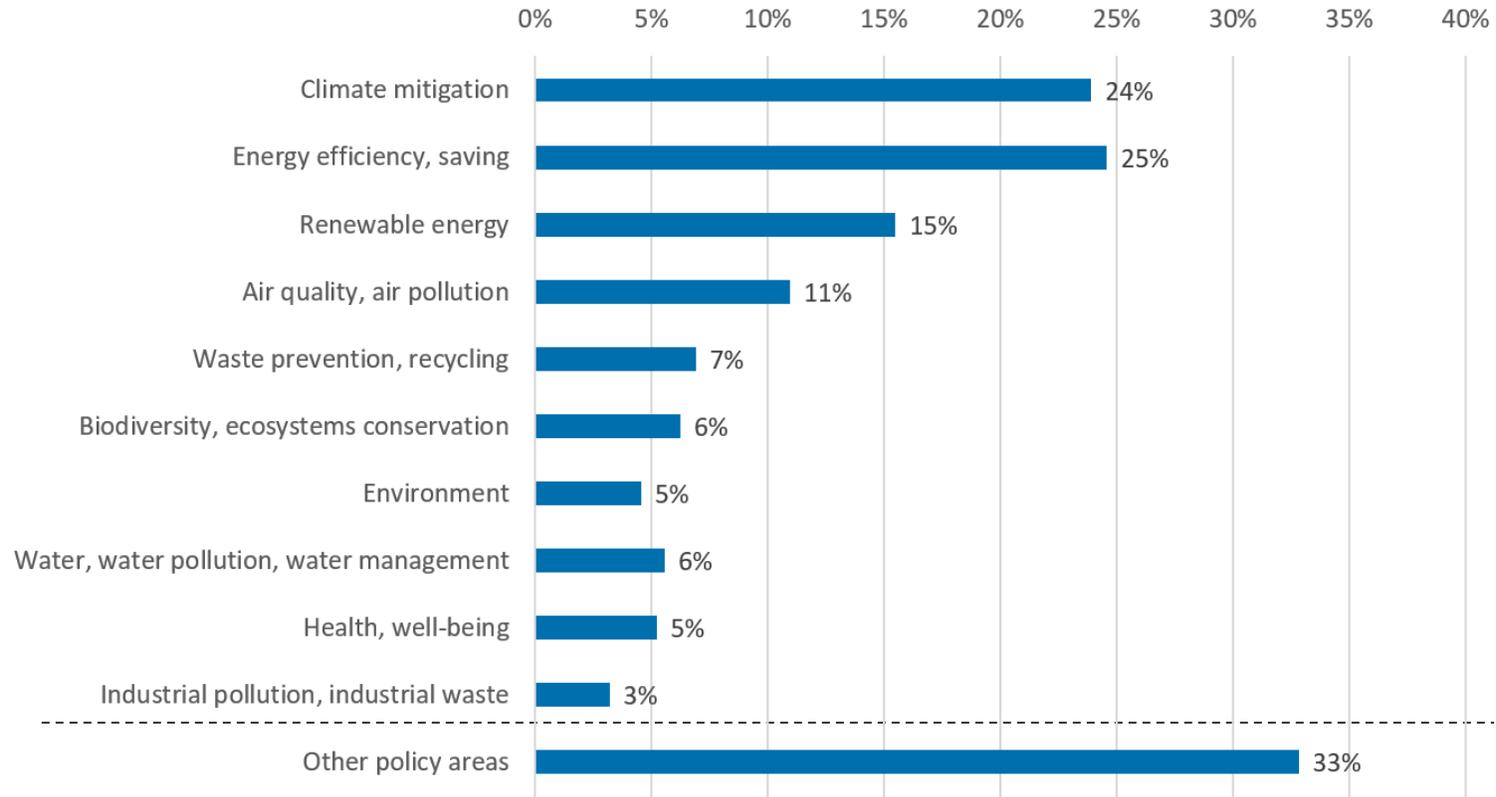
# GEOGRAPHIC COVERAGE (2/2)



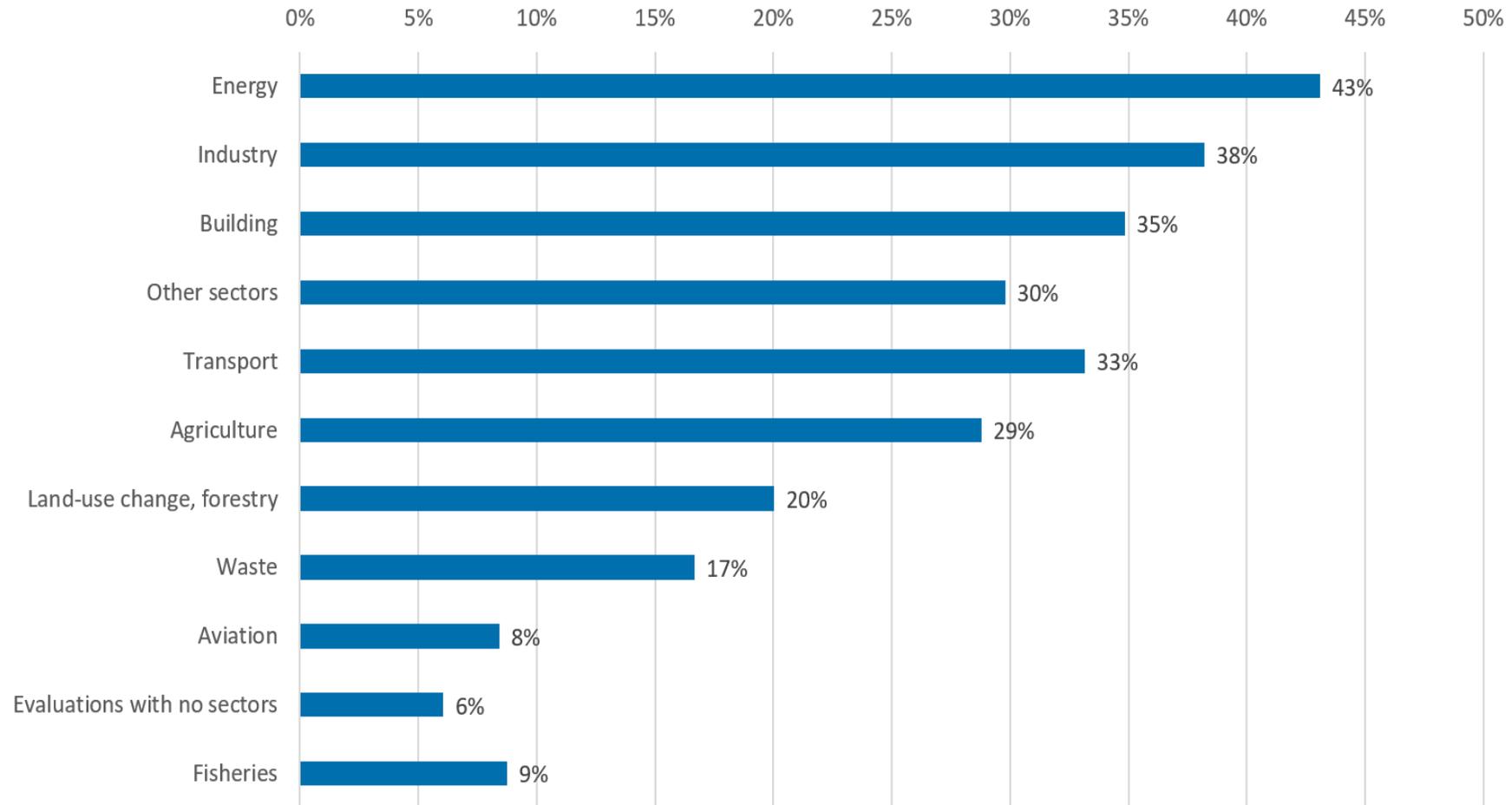
# TIME SCOPE OF THE CATALOGUE



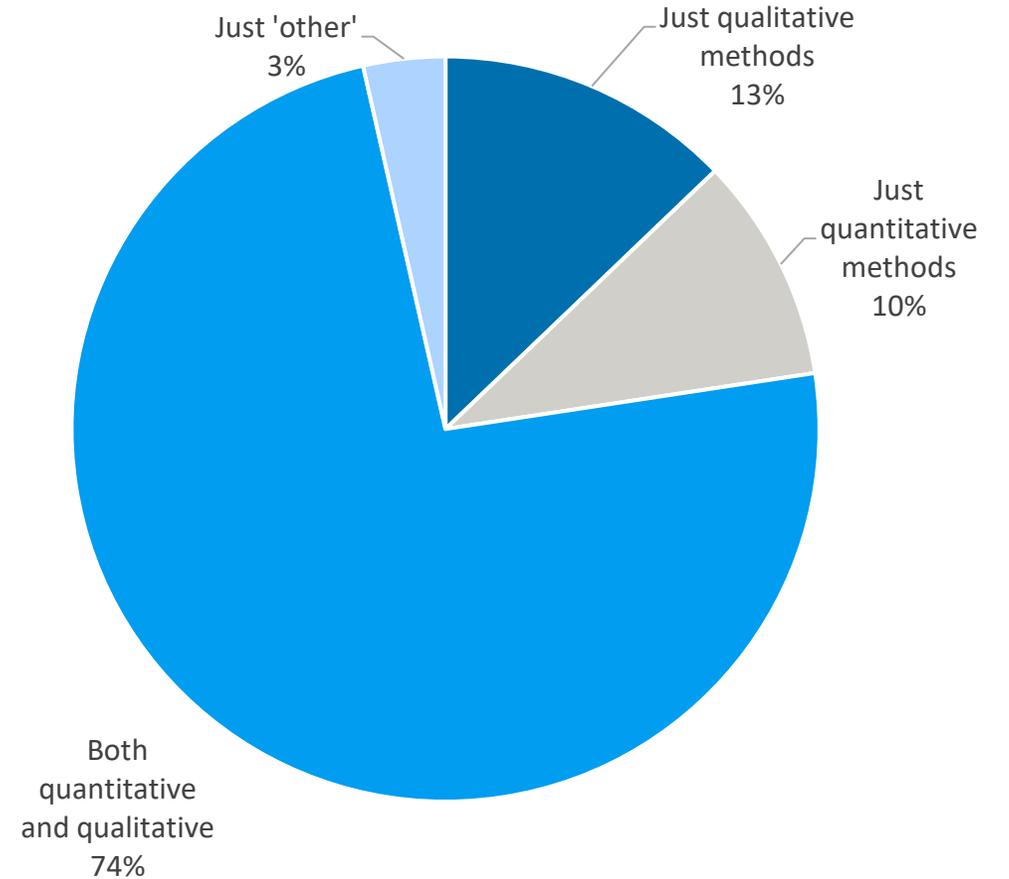
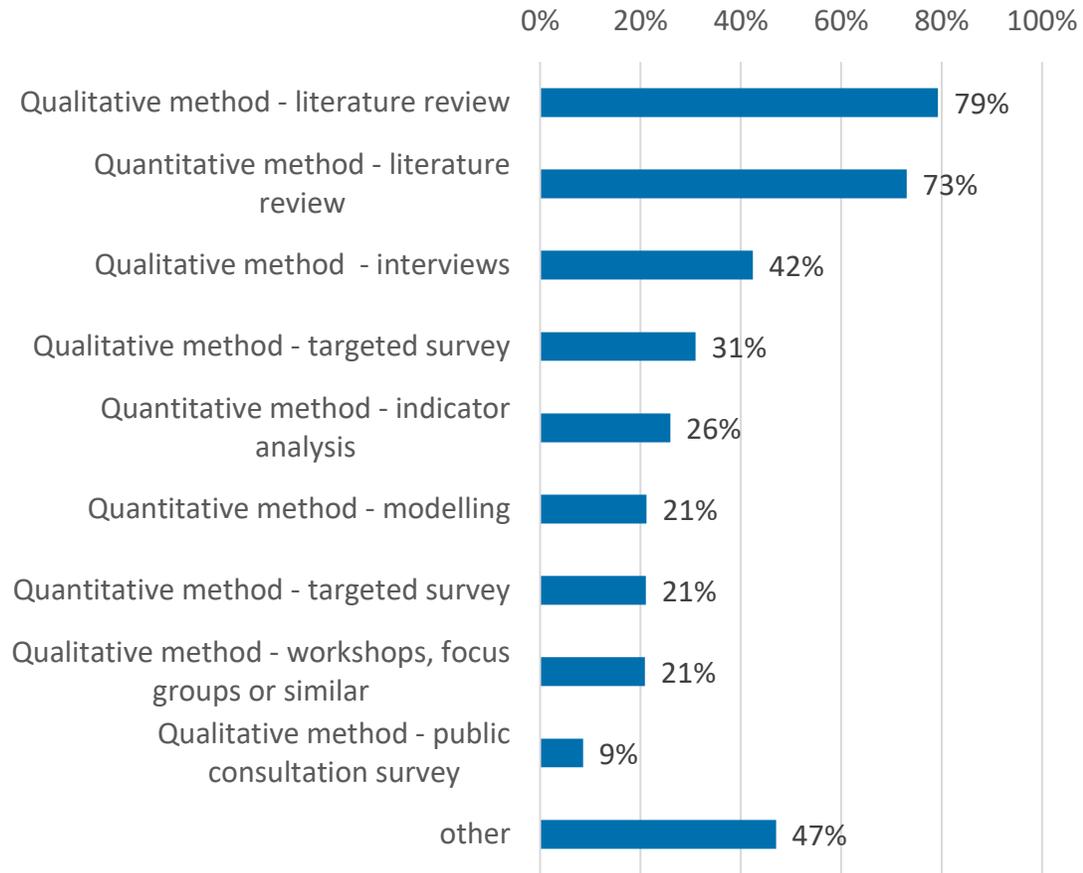
# POLICY AREAS – TOP 10



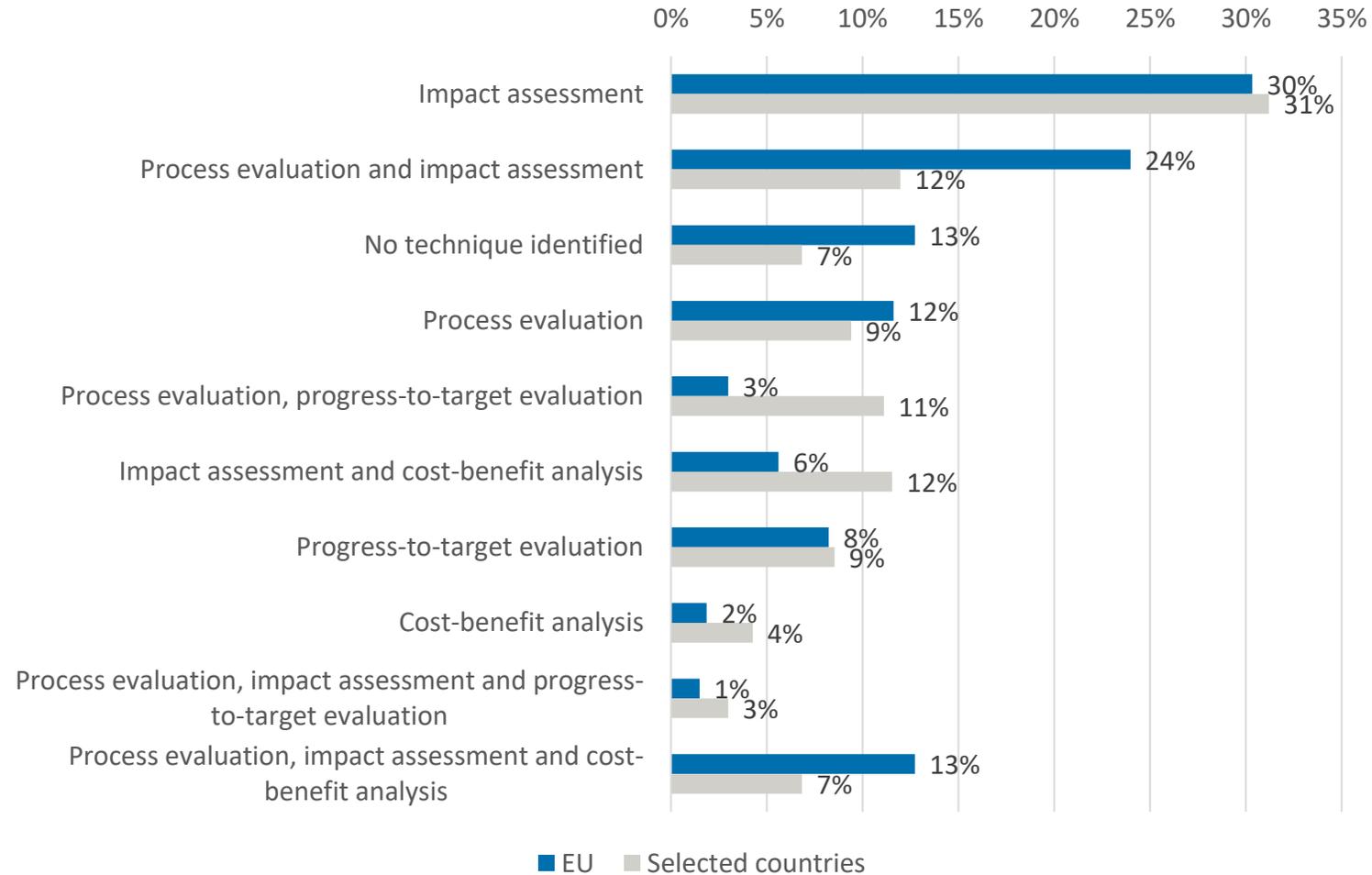
# SECTOR COVERAGE



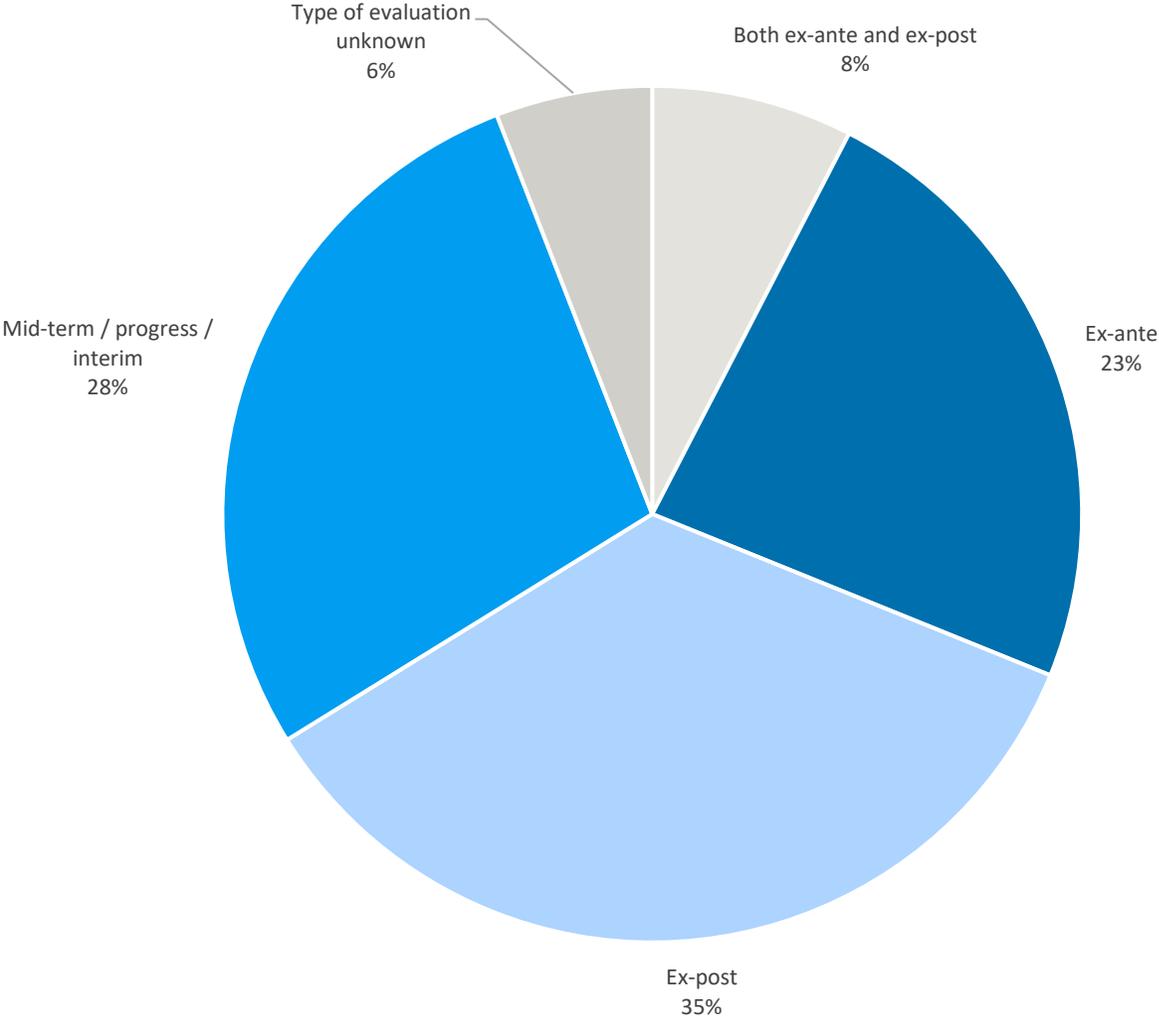
# SHARE OF METHODS USED IN EVALUATIONS



# SHARE OF EVALUATION TECHNIQUES BY GEOGRAPHIC COVERAGE



# TYPES OF EVALUATIONS



# SOME INTERESTING FINDINGS AND EXAMPLES

## TOPICS OF EVALUATIONS ARE VERY DIVERS

- Just Transition
- Connection between environmental policies and public health
- Environmental impacts of digitalisation policies

## EVALUATIONS MAKE USE OF INNOVATIVE METHODS

- Delphi survey to increase the robustness of data
- CBA that include complex quantification of avoided costs of climate policies

## FURTHER READING

**A comprehensive analysis of the catalogue can be read in the final report of our project!**

**[Visit our website!](#)**

# Live demo

## EEA catalogue of European environment and climate policy evaluations

The EEA catalogue of policy evaluations in the field of environment and climate policies is a database that contains extensive information on almost 600 published evaluations. The aim of the catalogue is to provide an easy access to the available evaluations and to obtain an overview of policy evaluation practices in Europe, in the areas of environment and climate policy. The policy evaluations included in the database have been documented according to a series of features, in order to obtain an overview of policy evaluation practices. The main categories of features include: basic information on the evaluation; policy areas and economic sectors that are covered; information on the geographical and timely scope; information on authors and commissioners; evaluation criteria used; evaluation methods and techniques applied; data used and results of the evaluation. More information available in the methodology section and in the report (the final report can be downloaded here).

Search term

Evaluation ID	Policy evaluation title	Evaluated policy	Policy area	Sector	Commissioner	Author type	Publication year	Geographical scope	Evaluation scope	Type	Period start	Period end	Technique	Criteria	Method	Method-type
1	Evaluation of the EU's Strategy on Adaptation to Climate Change	EU Strategy on Adaptation to	Climate adaptation	No information	European Commission - DG	No information	Expected	No information	Specific strategy	No information	No information	No information	No information	No information	No information	No information
2	COMMISSION STAFF WORKING DOCUMENT REFIT evaluation of Regulation (EC) No 166/2006 concerning	The European Pollutant Release	Air quality, air pollution	Industry	European Commission - DG	No information	2017	EU27	Specific policy (measure)	Ex-post	2009	2013	No information	Relevance; Effectiveness;	Qualitative; Quantitative	Literature (qual)
3	Evaluation of Regulations 443/2009 and 510/2011 on CO <sub>2</sub> emissions from light-duty vehicles	Regulation 443/2009 and	Climate mitigation	Transport	European Commission - DG	Private company, independent	2015	EU27	Suite of policy measures	No information	2009	2015	Impact assessment	Relevance; Effectiveness;	Qualitative; Quantitative	Literature (qual)
4	Trends and projections in the EU ETS in 2017. The EU Emissions Trading System in numbers	European Union Emissions	Climate mitigation	Energy; Transport;	European Environment	European Commission	2017	EU28	Specific policy (measure)	Ex-ante; Ex-post	2016	2030	Progress-to-target evaluation	Effectiveness	Qualitative; Quantitative	Literature (qual)
5	Ex post evaluation and policy implementation in the building sector	Energy Performance of	Climate mitigation	Buildings; Other Heating and Cooling	European Environment	Research institute	2018	EU28; With case studies	Suite of policy measures	Ex-post	No information	No information	No information	Effectiveness; Coherence	Qualitative; Quantitative	Literature (qual)
6	Contribution of the information reported under the MMR to the evaluation of national PaMs	Climate mitigation policy	Climate mitigation	Energy; Transport;	European Environment	Research institute	2016	National; Belgium; Czechia;	Suite of policy measures	Ex-post	No information	No information	No information	Relevance; Effectiveness;	Qualitative; Quantitative	Literature (qual)
7	COMMISSION STAFF WORKING DOCUMENT Accompanying the document Report from the	Effort sharing Decision (ESD)	Climate mitigation	Energy; Transport;	European Commission	European Commission	2016	EU28	Suite of policy measures	Mid-term / progress /	2009	2015	Progress-to-target evaluation	Relevance; Effectiveness;	Qualitative; Quantitative	Literature (qual)
8	COMMISSION STAFF WORKING DOCUMENT IMPACT ASSESSMENT accompanying the document Proposal	2030 climate and energy policy	Climate mitigation	Energy; Transport;	European Commission	European Commission	2016	EU28	Suite of policy measures	Ex-ante	2021	2030	Impact assessment	Effectiveness; Efficiency;	Qualitative; Quantitative	Target (qual)
9	COMMISSION STAFF WORKING DOCUMENT IMPACT ASSESSMENT accompanying the document Proposal	2030 climate and energy policy	Climate mitigation	Energy; Transport;	European Commission	European Commission	2016	EU28	Suite of policy measures	Ex-ante	2021	2030	Impact assessment	Effectiveness; Efficiency;	Qualitative; Quantitative	Literature (qual)
10	Implementation of the Energy Efficiency Directive (2012/27/EU): Energy Efficiency Obligation Schemes	Energy Efficiency Directive	Energy efficiency	Energy	European Parliament	European Parliament	2016	EU28; With case studies	Specific regulation with	Ex-post	2012	2016	No information	Relevance; Effectiveness;	Qualitative; Quantitative	Literature (qual)

Download search results (CSV)

Results 1 - 10 of 596 [next](#)

- Filter by
- Policy area >
- Sector >
- Commissioner >
- Author type >
- Geographical scope >
- Publication year >
- Evaluation scope >
- Type >
- Period >
- Technique >
- Criteria >
- Method >
- Method-type >
- Output data >
- Input data >

# Next steps: Do we want to keep the catalogue alive?

- Is it indeed an useful resource?
- More evaluations available, all relevant?
- Regular updates? How often?
- Co-creation? top-down / bottom-up / mix?
- Involving different networks/communities?



# Extra information

- EEA catalogue: <http://poleval-catalogue.apps.eea.europa.eu/>
- Ramboll, final report: <https://ramboll.com/-/media/files/rgr/documents/media/news/eea-evaluation-catalogue.pdf?la=en>
- GHG policies and measures: <https://www.eea.europa.eu/themes/climate/national-policies-and-measures>
- EEA policy evaluation guidance: <https://www.eea.europa.eu/publications/environment-and-climate-policy-evaluation>
- Selected EEA briefings:
  - [More national climate policies expected, but how effective are the existing ones?](#)
  - [Using Member States' information on policies and measures to support policymaking: energy efficiency in buildings](#)



# Thank you !

Bright ideas. Sustainable change.

RAMBOLL

Magdalena Jóźwicka-Olsen: [Magdalena.Jozwicka@eea.europa.eu](mailto:Magdalena.Jozwicka@eea.europa.eu)

Aurelie Louguet: [AELT@ramboll.com](mailto:AELT@ramboll.com)

Fabian Landes: [FABL@ramboll.com](mailto:FABL@ramboll.com)

# Q&A SESSION ON MENTI

Go to [menti.com](https://menti.com) and use the room key **3342 4939**  
or scan the QR-Code with your phone:

