



What we can learn from existing evaluation practices

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➤ What are the results or impacts?

Assessing and reporting results, effectiveness and efficiency of the policies, e.g.:

- accountability (e.g., to the Ministry of Finance, the Parliament or the Court of Auditors),
- monitoring target achievement,
- assessing cost-effectiveness of the policy measure,

➤ What can we learn or improve?

Examining what works, what does not work, looking for improvements and getting new ideas, e.g.:

- getting a feedback on the satisfaction about the scheme,
- understanding what worked (or did not work) as planned,
- providing inputs to the redesign or improvement of the scheme,

making resources easy to use

Based on up-to-date knowledge and concrete experiences

Knowledge Base
(user-oriented
database of references)

Case studies
(about ex-post
evaluations)

Further sources

Online toolbox
making resources easy
to use

<https://www.epatee-toolbox.eu/>



Overall objective:

- Develop a smart online toolbox with information and guidance for practitioners on integrating evaluation practice in the policy cycle for energy efficiency policies.

Target groups

- Primarily policy makers and evaluators, who are not necessarily experts in the field of evaluations and/or energy efficiency

The online toolbox offers

- General guidelines and ‘best practices’ examples on energy efficiency policy evaluation
- Guidance on logical steps of an evaluation
- Guidance on evaluation methodologies
- Guidance on different types of impacts
- Practical examples, with references
- do’s and don’ts
- per sector, per policy measure, in different countries
- Recommendations and support on energy efficiency policy design
- Further readings

The structure of the EPATEE online toolbox

Online tool for putting evaluation of energy savings into practice

This website provides practical tools and guides to facilitate the uptake of good evaluation practices according to various needs. The tools are meant to help step by step both evaluators and users of evaluation results in specifying the evaluation methods and effects, through:

- Providing a smart online toolbox with tools for integrating evaluation practice in the policy cycle.
- Clarification of how tools can be best applied by means of guidelines

Evaluation principles & methods

Select this box if you have questions about evaluation principles, about why and how to plan & prepare evaluations or about cross-cutting issues.

Specific evaluation guidance

Select this box if you have questions related to the evaluation of a specific combination of policy instrument, sector and/or a certain type of evaluation method.

Knowledge base & case studies

Select this box if you looking for practical examples or references to additional information.



Specific guidance

Evaluation principles & methods

Specific evaluation guidance

Knowledge base & case studies

Please make your selection by ticking the boxes you are interested in to get guidance documents specific to your selection. You can choose multiple options.

Note: Work in progress ! Minor changes are foreseen en new PSMC's are added in de coming weeks.

Type of policy

- Legislative/Normative
- Legislative/Informative
- Financial support
- Fiscal/Tariffs
- Information/education
- Voluntary and Cooperative
- Market based instruments

Sector

- Buildings/residential
- Buildings/non-residential
- Households appliances
- Services devices
- Industry/specific
- Industry/general
- Agriculture
- Freight transport
- Passenger transport

Type of method

- Measurement
- Deemed savings
- Engineering estimate
- Stock Modelling
- Billing analysis
- Diffusion indicator
- Energy indicator sector
- Energy indicator equipment
- Econometric modelling
- Econometric price elasticity

2 of 20 guides are shown

10 – Evaluating Grants & subsidies measures on energy efficiency in the Residential buildings using Deemed savings

Evaluation principles & methods Specific evaluation guidance Knowledge base & case studies 10 - Evaluating Grants & subsidies measures on energy efficiency in the Residential buildings using Deemed savings This tool can...

11 – Evaluating Grants on energy efficiency in Dwellings using Diffusion indicators

Evaluation principles & methods Specific evaluation guidance Knowledge base & case studies 11 – Evaluating Grants on energy efficiency in Dwellings using Diffusion indicators This tool can be applied to evaluate the...

What is the Knowledge Base

Goal:

- facilitate access to evaluation studies
- provide concrete materials and information
- online access through EPATEE website

Collection of evaluation studies:

- evaluation reports
- evaluation papers
- evaluation guidelines
- meta evaluations
- methodological paper

Search:

- by category
- advanced

Features:

- bibliographic information
- scope of the study
 - sector, country,
 - type of policy, study
- methodological aspects:
 - data collection
 - calculation methods
 - adjustment factors
 - energy savings & additional benefits

<https://epatee.eu/knowledge-base>

Search by Categories

Year of publication: 1984 2017

Language:

Study type:

Type of policy instrument:

Sector:

Geographical scope:

ADVANCED SEARCH

SEARCH

CLEAR ALL

Project

EPATEE

A project to improve the Energy Efficiency policies, by improving their evaluation

Contact

Fraunhofer Institute for Systems and Innovation
 Research ISI
 Competence Center Energy Policy and Energy Markets

Information on funding

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 746265.

Your search returned 3 results

REFINE SEARCH

NEW SEARCH

France

English
2017

Impacts and cost-effectiveness of major energy efficiency policies for existing buildings: what do we exactly know and what can we learn?

Broc, Jean-Sébastien et al.
 Study type: meta-evaluation
 Geographical scope: EU

MORE INFORMATION SHOW DOCUMENT

UK

English
2016

Energy efficiency evaluation: the evidence for real energy savings from energy efficiency programmes in the households sector

Wade, Joanne and Eyre, Nick (UKERC)
 Study type: meta-evaluation
 Geographical scope: unspecified

MORE INFORMATION SHOW DOCUMENT

Denmark

Danish
2008

En vej til flere og billigere energibesparelser - Evaluering af samtlige danske energispareaktiviteter (Evaluation of all the Danish activities for energy savings)

EA Energianalyse et al.
 Study type: evaluation report
 Geographical scope: Denmark

MORE INFORMATION SHOW DOCUMENT



- Making information easily **accessible** & providing data as **transparent** as possible
- Analysing **concrete examples** about
 - **why** evaluation is used
 - **how** it is performed
- interview(s) with the evaluation customer and/or evaluator → direct experience feedback

NO INTENTION TO BE EXHAUSTIVE OR REPRESENTATIVE

Objective = covering a **diversity** of situations to produce **materials for experience sharing**

Case studies: overview



US

- > New England Capacity Market
- > Weatherization Assistance Program

Netherlands

- > Subsidy scheme for housing corporations
- > Multi-year agreements in the industry
- > Purchase tax on passenger cars

Nordic Countries

- > Nordsyn (market surveillance)

Finland

- > EE agreements in Industries
- > Energy audits in municipalities

UK

- > Supplier Obligation
- > Warm Front

Ireland

- > Better Energy Homes

Denmark

- > EEO scheme

Germany

- > Energy Efficiency Fund
- > Energy Efficiency Networks Initiative

Lithuania

- > Renovation programme for apartment blocks

Belgium (Wallonia)

- > Primes Energie

France

- > "Future Investments" programme
- > Voluntary agreement for freight companies

Austria

- > Environmental Support Programme for companies
- > City EE Programmes of Vienna

Italy

- > White Certificates scheme

Croatia

- > Energy renovation programme for public sector buildings
- > Individual heat metering in multifamily buildings



Evaluation priorities depend on who the **primary audience** is

Evaluation is not a burden, but an **opportunity**

Evaluation helps increasing **stakeholders' confidence** in the schemes

“One may have fear to do an ex-post impact evaluation, because it may show smaller results than based on the engineering estimates. However this increases the robustness of the results and therefore the confidence funders can have in them” (quote from the Irish case study)

Communication about evaluation results can be as important as doing the evaluation

Regular review and **in-depth** ex-post evaluations are complementary



Well-documented data is good data

The choice of evaluation methods depends on evaluation objectives and practical constraints

Monitoring and data collection are essential for making any evaluation possible

Selecting the most relevant data to collect is a continuous process

“In reality, if two persons carry out impact evaluation of the same policy measure, they get different results. Even if I make the same calculation in successive years without proper documentation of the calculation method and definitions, the calculation can be different. This highlights the needs for good logic and documentation.” (quote from the Finnish case study)

Evaluation net impacts is a challenge, but essential to assess the efficiency of policies

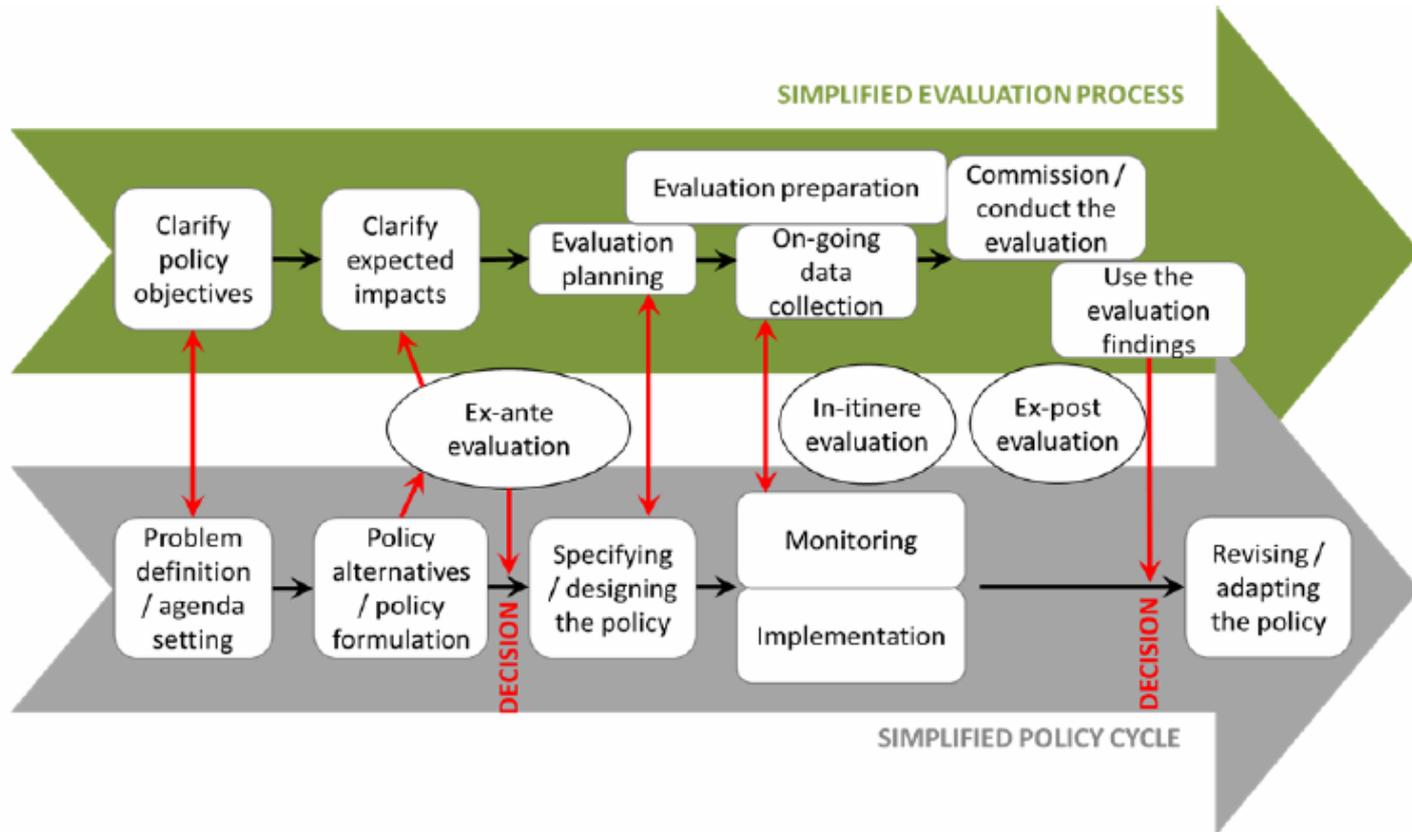
Comparing different methods helps assessing the robustness of the results

How to integrate evaluation into the policy cycle

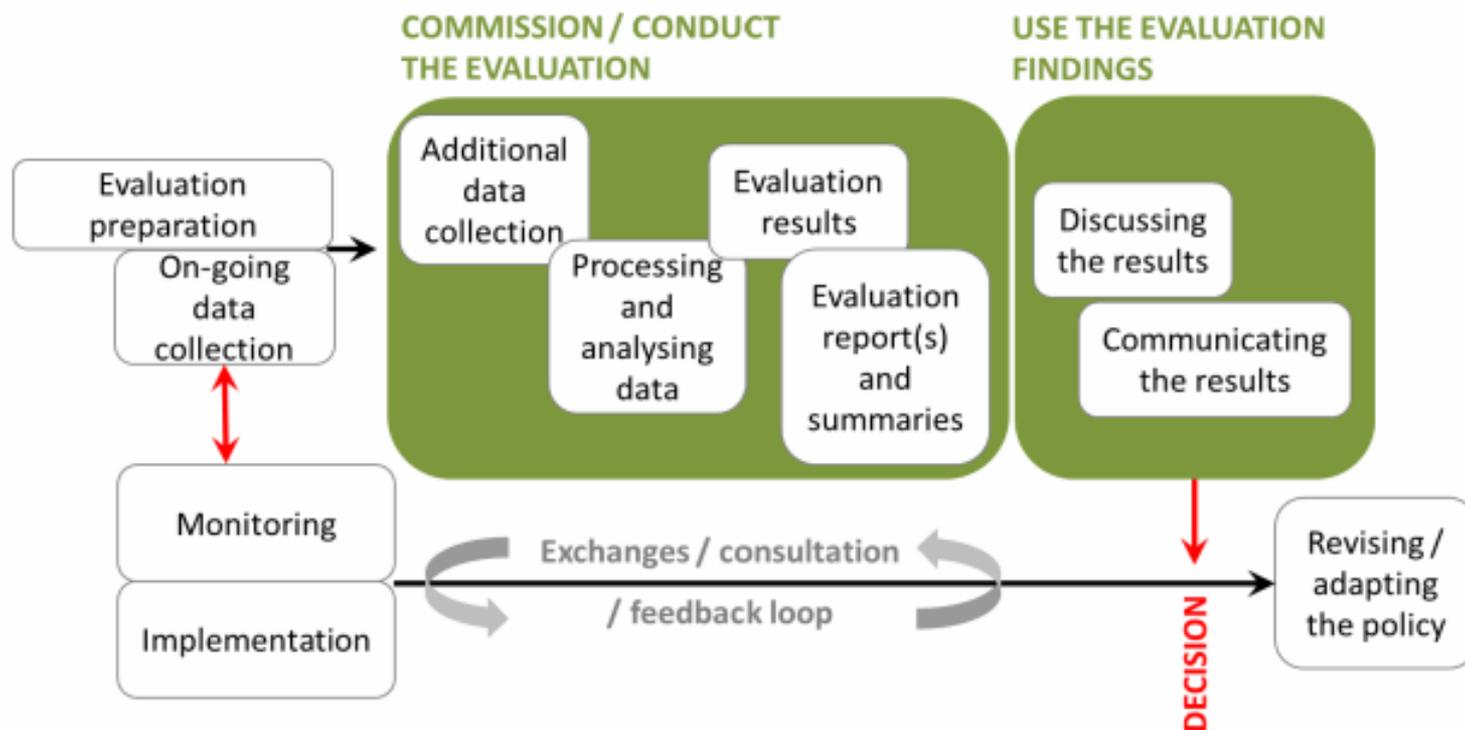


Performing evaluation is not only about practical (e.g., data collection) or methodological (e.g., defining a baseline) issues.

Organisational issues can be as important → Integration into the policy cycle



Zoom on Conducting/using evaluation





- Political will (top-management)
- Resource allocation (time, people, budget)
- Evaluation planning and preparation
- Legitimacy
- Organisation
- Communication and mutual understanding
- Communication about the evaluation and its results

See online toolbox for recommendations and good practices

Process of evaluation

1. Why doing evaluations ?
2. How to plan and prepare evaluations
3. Evaluation and the policy cycle
4. Practical barriers to evaluation
5. Good practices for the integration of evaluation into the policy cycle



[Download PDF version of 'Process of evaluation' \(including bibliography\)](#)

Save the date

Final EPATEE conference

19th September 2019

Paris

More information on

<https://epatee.eu/events/save-date-final-epatee-conference>



EPATEE

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