ODYSSEE-MURE

**Second meeting of the project *"ODYSSEE-MURE, Monitoring EU Energy Efficiency First Principle and Policy Implementation"* November 12th 2020, Visio Conference organized with SEDA**

# WP5 : Dissemination activity Future activities within Odyssee Mure

*Marie Rousselot, Bruno Lapillonne, Enerdata*
*Didier Bosseboeuf, ADEME*

ADEME
AGENCE DE LA TRANSITION ÉCOLOGIQUE

AYEP
SEDA
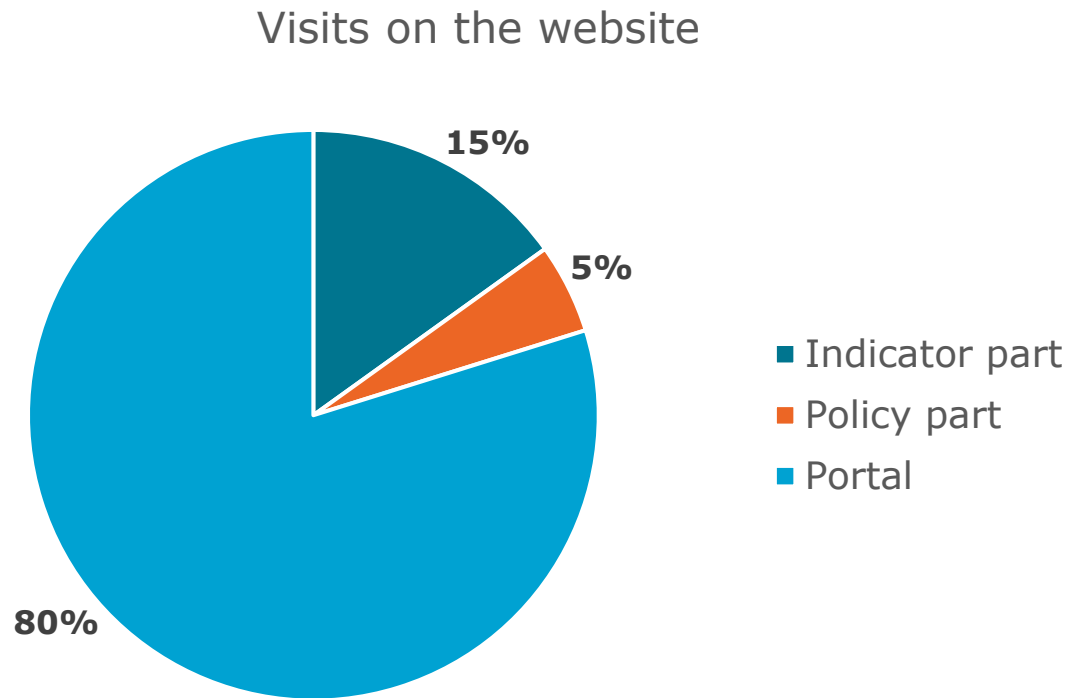
Enerdata
intelligence + consulting

# WP 5 Overview

- Website statistics

- Country energy profiles

- Sectoral profiles

- Policy briefs and webinars

- Newsletters

- Capacity building

- National seminars and International dissemination

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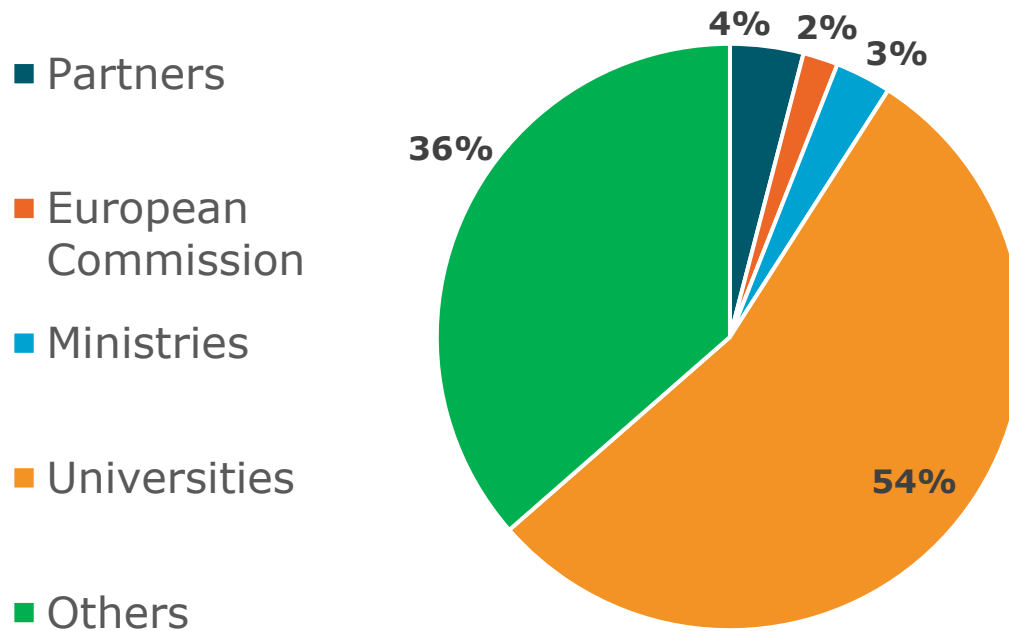
# Website statistics

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# Web traffic of the website

About 18 000 visits* per month

Visits on the website



- Indicator part **15%**
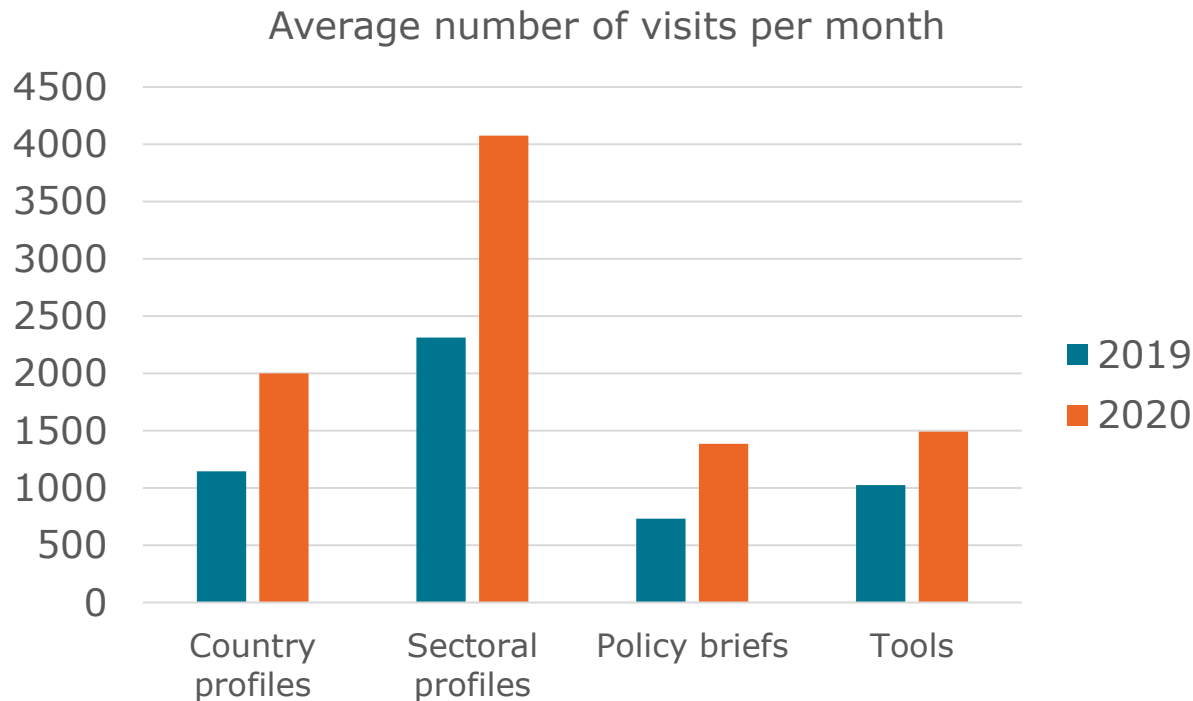- Policy part **5%**
- Portal **80%**

*Multiple visits included, from sept 2019 – nov 2020*

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# Odyssee Mure website accesses

- 2 226 registered accesses
- +126 compared to December 2019

**Legend:**
- Partners
- European Commission
- Ministries
- Universities
- Others

Pie chart values: 4%, 2%, 3%, 36%, 54%

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# Web traffic for profiles, policy briefs and tools

Average number of visits per month

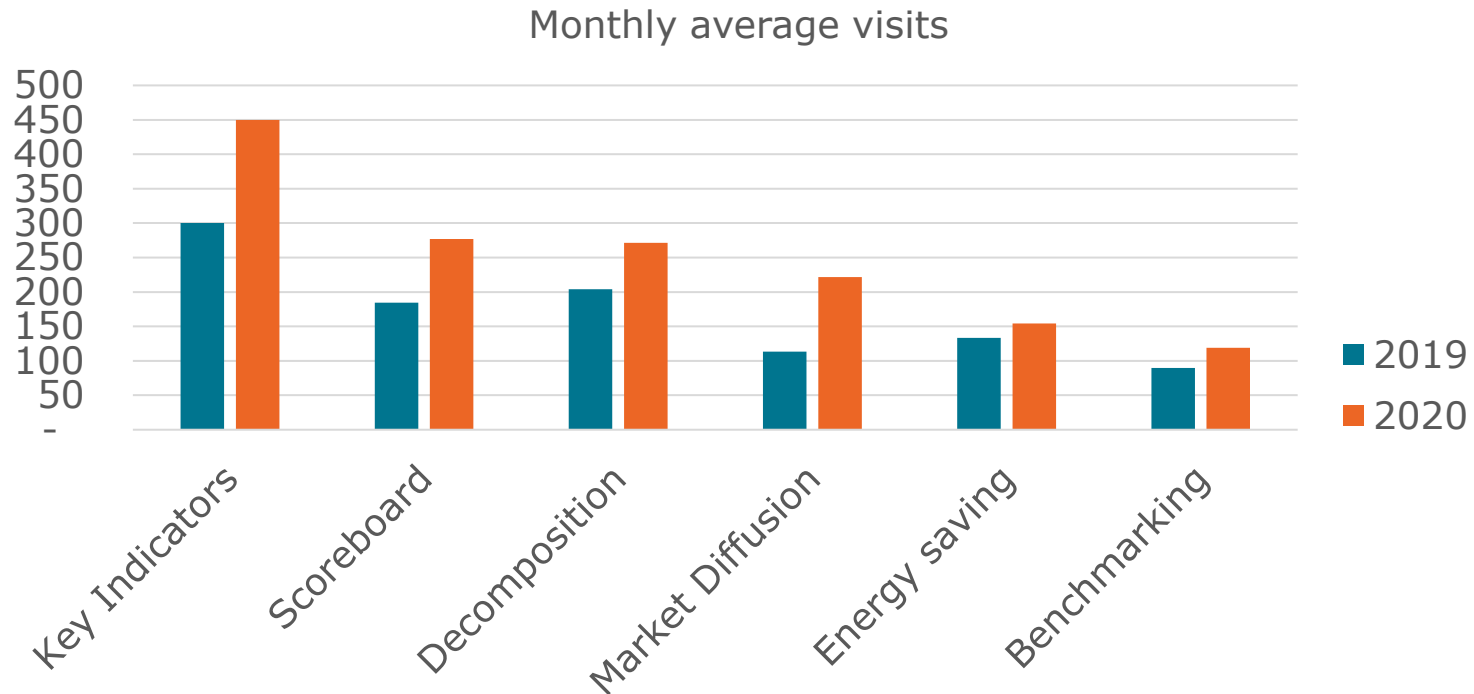

*Legend:*
- ■ 2019
- ■ 2020

*X-axis categories:* Country profiles, Sectoral profiles, Policy briefs, Tools

*\* 2019 : average, from sept 2018 – sept 2019*
*\*\* 2020 :average, from sept 2019 – nov 2020*

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# Web traffic for data tools

**Monthly average visits**



*\* 2019 : average, from sept 2018 – sept 2019*
*\*\* 2020 :average, from sept 2019 – nov 2020*

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# Country energy profiles
# Sectoral profiles

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# Country energy profiles and sectoral profiles

- **Country energy profiles**

  - Last updates : countries are missing

  - 2nd update : December 2020 by NT's

  - Further update : once a year

- **Sectoral profiles**

  - 2nd update : December 2020 by Enerdata

  - Further update : once a year

Enerdata

# Policy briefs and webinars

Enerdata

# Policy briefs and webinars

- 5 out of 23 policy brief are published or under review

- 2 webinars (out of 7) have been done

- Next webinar on 8th December (Energy efficiency in buildings, Enerdata)

Enerdata

# Policy briefs and webinars

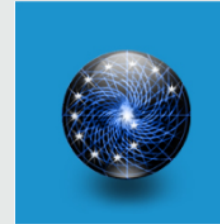| Topic | Sector | Organisation | Year | Month | Webinar | Status |
|---|---|---|---|---|---|---|
| **Energy efficiency trends in the EU: Have we got off track?** | **EE** | **Enerdata** | **2020** | **June** | **June 25 2020** | Published |
| Evaluation of (transport) energy efficiency policy | Transport | Ricardo | 2020 | July | | Published |
| **CO2 emissions of vehicles: a broad and persistent problem** | **Transport** | **TNO** | **2020** | **October** | **October 29 at 2 PM** | Review |
| Road transport : Externalities and efficient pricing | EE | ZHAW | 2020 | October | | Published |
| How energy and carbon dioxide taxes are related to energy efficiency? | EE | STEM | 2020 | November | | |
| Energy poverty and energy efficiency | Buildings | ENEA | 2020 | November | | Review |
| The Multiple Benefits of Energy Auditing. | Buildings | EWA | 2020 | November | | |
| Incentives on Energy poverty | EE | ENEA | 2020 | December | | |
| "The role of Energy Efficiency Measures for a Green Economic Recovery after the Pandemic | EE | CUT | 2020 | December | | |
| **Enerrgy efficiency in buildings** | **EE** | **Enerdata** | **2020** | **December** | **December 8 at 1:30 PM** | |
| The impact of rehabilitation programmes on the energy efficiency of the buildings | Buildings | IDAE | 2020 | December | | |

# Policy briefs and webinars

| Topic | Sector | Organisation | Year | Month | Webinar | Status |
|-------|--------|--------------|------|-------|---------|--------|
| Energy efficiency in transports | Transport | Enerdata | 2021 | Q1 | **Y** | |
| Measuring and monitoring energy poverty in EU | Energy Poverty | EIHP | 2021 | Q2 | | |
| Sufficiency policies | Sufficiency | Motiva | 2021 | | **Y** | |
| Energy efficiency measures towards SMEs | | KAPE | 2021 | | | |
| Energy poverty and energy efficiency | EE | Fhg | 2021 | | | |
| Does the EU ETS promote energy efficiency ? | EE | Fhg | 2021 | | **Y** | |
| Overall trends of energy efficiency | EE | Enerdata | 2021 | | **Y** | |
| EcoDriving Programmes - a soft but effective measure to decrease fuel consumption in transport | Transport | AEA | 2021 | | | |
| 1) Lessons from ex-post evaluation of white certificates in EU (2) Social science insights to renovation policies (2) Social science insights to renovation policies | | ADEME | 2021 | | | |
| Industry:Industry: About differences in countries' GDP structure and overall energy efficiency. | Industry | DEA | 2021 | | | |

# Newsletters

# Newsletters

- 6 Newsletters during the project :

    - 1 published in February 2020 to announce the ODYSSEE DB update

    - 1 published in July 2020 to advertise the MURE DB update

    - 1 to be published in November 2020 to announce the ODYSSEE DB update and the new Mure tools



**ODYSSEE-MURE**

**Monitoring EU Energy Efficiency First Principle and Policy Implementation**

Newsletter n°1 - February 2020

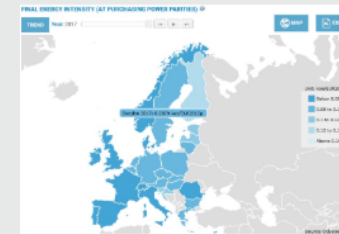**Energy efficiency indicators up to 2017 for all EU countries, Norway, Serbia and Switzerland**

The Odyssee database on energy consumption, its drivers and energy efficiency indicators has been updated to 2017 (and 2018 for some countries).

Ask for a free access to the database (EU ministries and institutions, universities for academic purposes) or trial version.

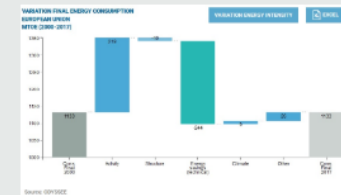**Four data tools available on the Odyssee-Mure website have been updated**

**Key indicators**: Selection of around 30 energy efficiency indicators displayed in a datamapper.

**Decomposition tool**: Displays the various factors behind changes in energy consumption.

**Comparison tool**: Compare easily energy efficiency performance of one country with selected reference countries for the last year available 2017.

**Market Diffusion tool**: Data on the diffusion of energy efficiency and end-uses renewables technologies and practices.

➔ **Please send Enerdata the weblinks of your new publications based on Odyssee Mure or on Energy efficiency monitoring (for 2020)**

Enerdata

# Capacity building

Enerdata

# Capacity building

- 2 virtual sessions

- **Session 1 : Introduction to EE indicators and Odyssee**

    ➔ date : 30th November 10-12 AM

- **Session 2 : Advanced EE indicators in Odyssee**

    ➔ date : 7th December 2:30 –4:30 PM

- Registration link:

https://odyssee-mure.surveytalent.com/survey/registration-for-odyssee-mure-training-sessions

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# International dissemination

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# International activities related to ODYSSEE-MURE

- **DG EN** : No recent request from DGEN

- **EnR club**: Monitoring tools : 2 presentations on status

- **IEA**: Ask for updated 2018 data

- **G20 : EEUDM** Workshop (Virtual) 29th  Nov. ADEME and Canadian government "Rethinking the energy consumption data collection in view of the COVID Crisis (Presentation on Early estimates (ADEME) and on the service sector (FHG)

- **ADEME-ONPE** : benchmark on fuel poverty policies and indicators (IEECP & Enerdata)

# The EEA-ODYSSEE-MURE cooperation Status of implementation

- **For 10 years close cooperation with EEA (Anca-Diana Barbu)**
  - Access to the Odyssee data base; Use of data in particular for building by end-uses; Exchange and use of the Decomposition analysis methodology; Review of the EEA report on the energy efficiency chapter; cross invitation of experts for meetings.

- **Until recently, no more direct request from EEA on the ODYSSEE Data base**

- **EEA uses both ODYSSEE (reporting) and MURE inputs (Pams Data base**

- **Re-launching of the cooperation autumn 2020. Bi-lateral meeting ADEME-EEA 30th September 2020.**

- **Listing of possible actions of cooperation (November2020**

# The EEA-ODYSSEE-MURE cooperation

## Use of Odyssee as a source of data and indicators

- Progress on energy efficiency in Europe – Indicator assessment (Up to 2019)
- Project on a European Energy Efficiency Index development (2015-2017)
- Project on Future Energy Indicators of the European Environment Agency (2018)
- On going studies in circularity and energy aspects



The European environment —
state and outlook 2020
Knowledge for transition to a sustainable Europe

European Environment Agency



Ex post evaluation and policy implementation
in the building sector

April 2018

Authors:
Nele Renders, Tom Dauwe, Christofer Ahlgren,
Katrina Young, Magdalena Jozwicka

ETC/ACM consortium partners: National Institute for Public Health and the Environment (RIVM), Aether, Czech Hydrometeorological Institute (CHMI), Institute of Environmental Assessment and Water Research (CSIC/IDAEA), EMISIA, Institut National de l'Environnement industriel et des Risques (INERIS), Norwegian Institute for Air Research (NILU), Öko-Institute, Öko-Recherche, Netherlands Environmental Assessment Agency (PBL), Universitat Autònoma de Barcelona (UAB), Umweltbundesamt Wien (UBA-V), Vlaamse Instelling voor Technologisch Onderzoek (VITO), 4sfera Innova

European Environment Agency
European Topic Centre on Air Pollution and
Climate Change Mitigation

# The EEA-ODYSSEE-MURE cooperation

## The EEA PaMs Data base

EEA PaMs benchmark study identified qualities of MURE database

- Comprehensive, reliable, accessible, better geo scope, energy sector
- Complementary for policy evaluation:
  - (++) Better for coherence
  - (+) Very good for evaluating of efficiency and effectiveness (energy PaMs)

### http://pam.apps.eea.europa.eu

**EEA database on climate change mitigation policies and measures in Europe**

This database contains a number of policies and measures (PaM) implemented, adopted or planned by European countries to reduce greenhouse gas (GHG) emissions. These PaMs have been reported by European countries under the European Union (EU) Monitoring Mechanism Regulation (MMR) in 2019 and in 2017 (Austria and Romania). Iceland and Switzerland reported for the first time in 2019 and their data is included as well. The search engine gives access to detailed information for each of the PaMs (or groups of PaMs). Member States report main characteristics of the PaMs, such as their description, objective, type, status, sectors affected, related Union Policy, entities responsible for their implementation, implementation period, etc. Where available, Member States also reported quantitative information on the GHG emissions savings achieved by PaMs (or groups of PaMs), both ex post (retrospectively) and ex ante (anticipated savings), as well as the projected and realised costs and benefits of the reported PaMs.
Clicking on the 'Name of policy or measure' opens the PaM national report. The data shown can be filtered by different parameters using the right-hand drop-down options. The database can be downloaded as a TSV or CSV file.

The latest reported information (2019) is analysed in the report: Overview of reported national policies and measures on climate change mitigation in Europe in 2019, and the related briefing, More national climate policies expected, but how effective are the existing ones? Detailed guidance on the EEA PaM outputs can be found in the EEA PaMs navigation document. For more information, check also the Policies and measures dedicated subpage

| Country | ID of policy or measure | Name of policy or measure | Single policy or measure, or group of measures | Policies or measures included in the group | Type of policy instrument | Status of implementation | Policy impacting EU ETS, ESD or LULUCF emissions | Sector(s) affected | Objective(s) | Total GHG emissions reductions in 2020 (kt CO₂eq/y) |
|---|---|---|---|---|---|---|---|---|---|---|
| Austria | 5 | Increase energy efficiency in energy and manufacturing | Single | Single PaM | Economic, Planning, | Implemented | EU ETS; ESD | Energy consumption; | Energy consumption: Efficiency improvements of buildings; Energy | |
| Austria | 9 | Increased energy efficiency in buildings | Single | Single PaM | Economic, Information, | Implemented | ESD | Energy consumption | Energy consumption: Efficiency improvements of buildings | 438 |
| Austria | 10 | Increased share of renewable energy for space heating | Single | Single PaM | Economic, Information, | Implemented | ESD | Energy consumption; | Energy consumption: Efficiency improvements of buildings; Energy | 593 |
| Belgium | 7 | EC-A01 : Promotion of rational use of energy by electricity | Single | Single PaM | Economic, Information | Implemented | ESD | Energy consumption | Energy consumption: Efficiency improvements of buildings | 490.83 |
| Belgium | 8 | EC-A03 : Energy performance and certificate of buildings | Single | Single PaM | Regulatory | Implemented | ESD | Energy consumption | Energy consumption: Efficiency improvements of buildings | |
| Belgium | 9 | EC-A04 : Appointment of accredited energy experts | Single | Single PaM | Education, Regulatory | Implemented | ESD | Energy consumption | Energy consumption: Efficiency improvements of buildings; Energy | |
| Belgium | 10 | EC-A05 : Promotion of energy | Single | Single PaM | Economic | Implemented | EU ETS; ESD | Energy | Energy consumption: Efficiency | 6479 |

Search term
Current filters   Reset filters
Objective(s) (Match: all)
Energy consumption: Efficiency improvements of buildings

Results 1 – 10 of 378    Download TSV | Download CSV

**Country** <
**Single policy or measure, or group of measures** <
**GHG(s) affected** <
**Sector(s) affected** ⌄

| Count | Value | Match all |
|---|---|---|
| 5 | Agriculture | ☐ |
| 18 | Cross-cutting | ☐ |
| 378 | Energy consumption | ☐ |
| 98 | Energy supply | ☐ |
| 5 | Industrial processes | ☐ |
| 3 | Land use, land use change and forestry | ☐ |
| 7 | Other Sectors | ☐ |
| 16 | Transport | ☐ |
| 4 | Waste management/waste | ☐ |

**Objective(s)** ⌄

Search for objective

| Count | Value | Match all |
|---|---|---|
| 34 | Energy consumption: Efficiency improvement in … | |
| 69 | Energy consumption: Efficiency improvement of … | ☐ |
| 378 | Energy consumption: Efficiency improvements o… | ☑ |
| 34 | Energy consumption: Other energy consumption | ☐ |
| 1 | Energy supply: Carbon capture and storage | ☐ |
| 3 | Energy supply: Control of fugitive emissions fro… | ☐ |
| 25 | Energy supply: Efficiency improvement in the en… | ☐ |
| 1 | Energy supply: Enhanced non-renewable low car… | ☐ |
| 66 | Energy supply: Increase in renewable energy | ☐ |

# The EEA-ODYSSEE-MURE cooperation

## Possible future activities

- **Access to Odyssee-MURE to EEA experts and related experts**.
- **Exchange in methodological approaches** (for instance related to early estimate):
- **Ademe will share information on indicators** related to social aspects of the energy efficiency (energy poverty)
- When analysing and using the data, the EEA is happy to provide to Ademe with any quality issues or questions identified (mutual interest in data quality)
- **Mutual invitation** to respective workshops/expert meetings is welcome
- **Mutual invitation** to review reports and publications is welcome
- The EEA and Ademe will be in touch again about MURE - Another call related to MURE will be organised by ADEME
- In case a topic of mutual interest is identified, **potential co-developed action/product might be envisaged.**

# Useful links for EEA reporting documents

- Thematic page for climate policies and measures (PaM)
  https://www.eea.europa.eu/themes/climate/national-policies-and-measures
- PaM database: http://pam.apps.eea.europa.eu/
- PaM viewer: https://www.eea.europa.eu/themes/climate/national-policies-and-measures/national-policies-and-measures-on-1
- ETC reports where Odyssee/MURE information was used:
- 2016 Benchmark study: https://www.eionet.europa.eu/etcs/etc-cme/products/etc-cme-reports/etcacm_tp_2016_8_pam_db_benchmark-1
- 2016 National PaM evaluation: https://www.eionet.europa.eu/etcs/etc-cme/products/etc-cme-reports/etcacm_tp_2016_9_mmr_info_eval_natl_pams-1
- 2018 Ex-post evaluation of PaMs in the building sector: https://www.eionet.europa.eu/etcs/etc-cme/products/etc-cme-reports/ex-post-evaluation-and-policy-implementation-in-the-building-sector
- 2018 EEA briefing summarizing the above mentioned ETC reports: https://www.eea.europa.eu/themes/climate/national-policies-and-measures/using-member-states-information-on

**Contact:**

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# Thank you for your attention !

Enerdata is an energy intelligence and consulting company established in 1991.
Our experts will help you tackle key energy and climate issues and make sound strategic and business decisions.
We provide research, solutions, consulting and training to key energy players worldwide.

Enerdata