



Co-funded by the Horizon 2020 programme  
of the European Union



ODYSSEE-MURE

**M70 Regular EnR meeting : 15-16 th February 2022**

**WG “decision support tools for Energy Efficiency policies evaluation”**

**So-called WG “Monitoring tools”**

*Dr Didier Bosseboeuf, ADEME; WG Chair*



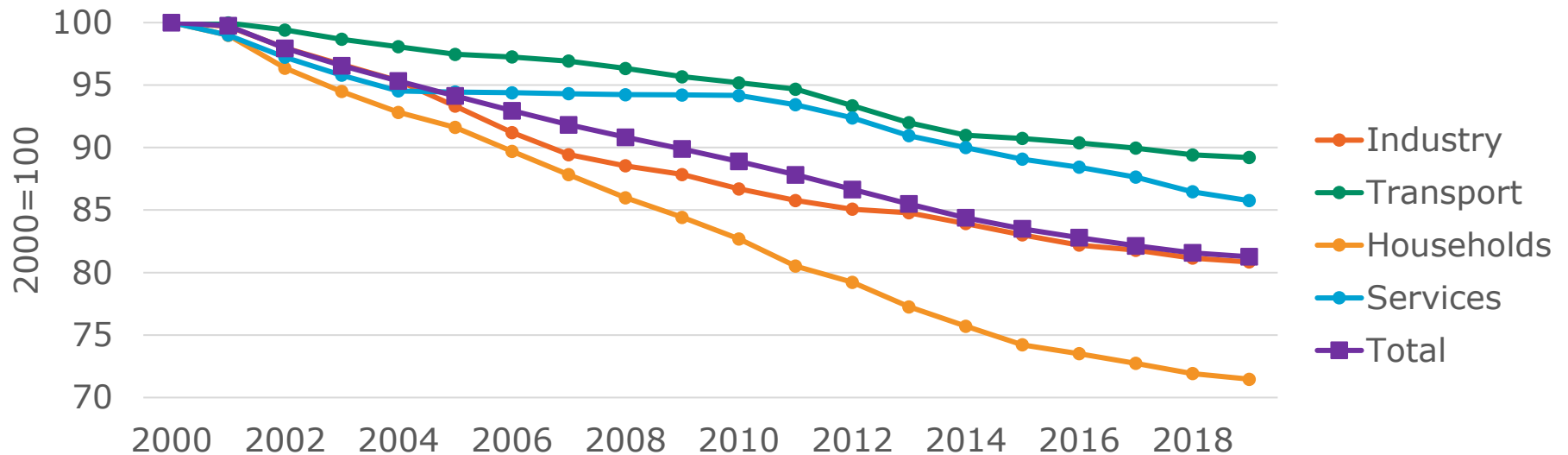
## WG “Monitoring tools : Achievements, future prospects

- ✓ SEW : Presentation ODYSSEE-MURE results; October 2021
- ✓ TGM : Topic sufficiency
- ✓ Final Regional workshop: Hosted by SEDA but virtual (November 15-16<sup>th</sup> 2021), 60 participants
- ✓ 2 Trainings to Balkans : January 2022
- ✓ 4 webinars
- ✓ 10 National seminars
- ✓ 20 national reports, 20 Policy briefs (3 on fuel poverty)
- ✓ Etc...
- ✓ **Final technical and financial reports (End of January 2022)**

# EE progress has been divided by 2 since 2014

- The energy efficiency progress of final consumers, as measured with ODEX, has **slowed down** from **1.2%/yr** over 2000- 2014 to **0.7%/yr** since 2014.
- **Households** is the sector with the **greatest progress since 2000**, however with improvements **twice lower since 2014**.
- **Strong slow down in industry since 2007** (0.8%/yr; down from 1.6%/yr before).
- **Lowest improvement in transport**, with also a progress **twice lower since 2014** (0.4%/yr) than over 2007-2014, because of the slower progress for cars.
- **Larger gains for services since 2010** (1%/yr for services over 2014-2019).

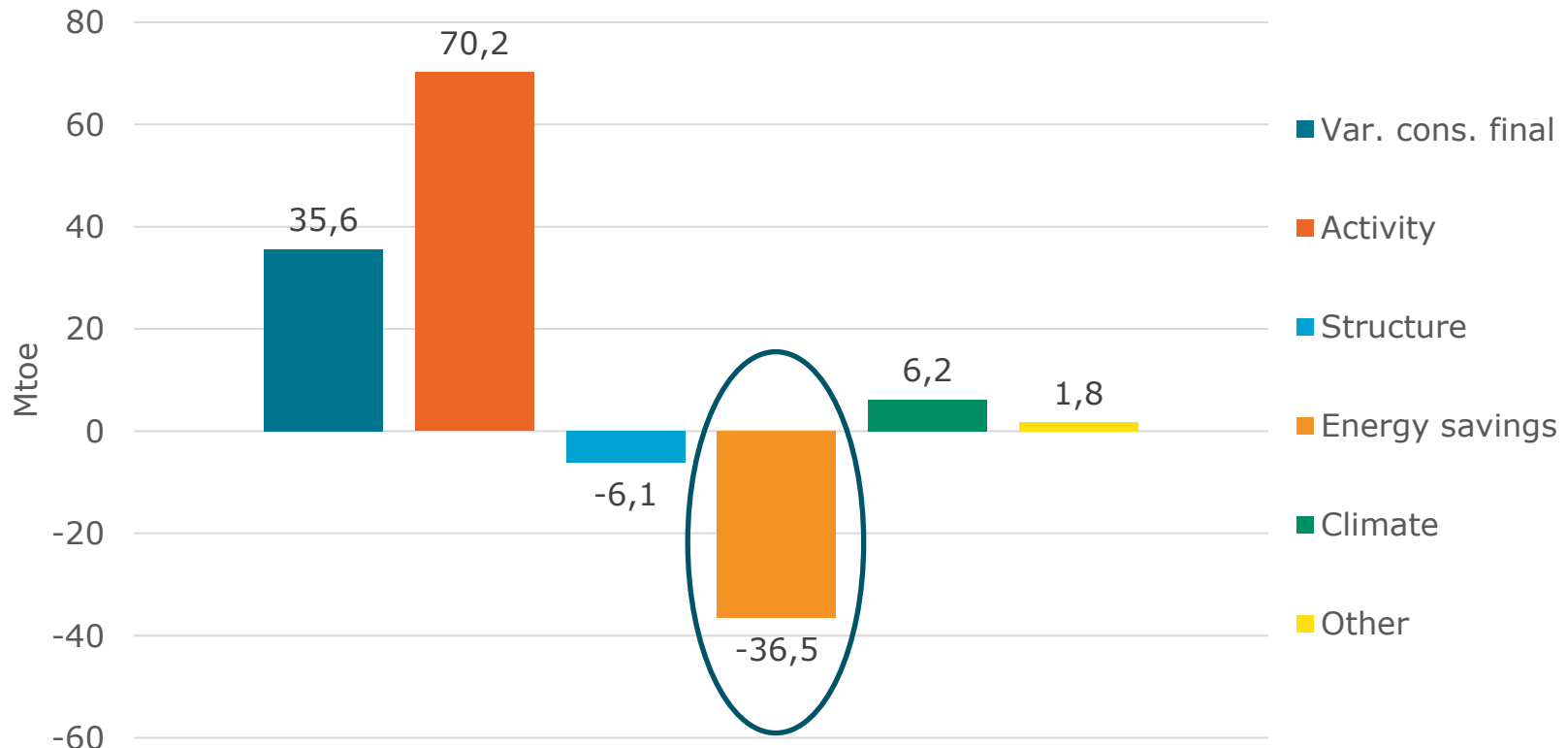
Energy efficiency improvements for final consumers (EU)



Source: ODYSSEE, measured with ODEX (Odyssee Energy Efficiency Index).  
ODEX=81.3 in 2019 → 18.7% energy efficiency improvement since 2000

# Energy savings offset half of the impact of economic growth EU 2014-2019

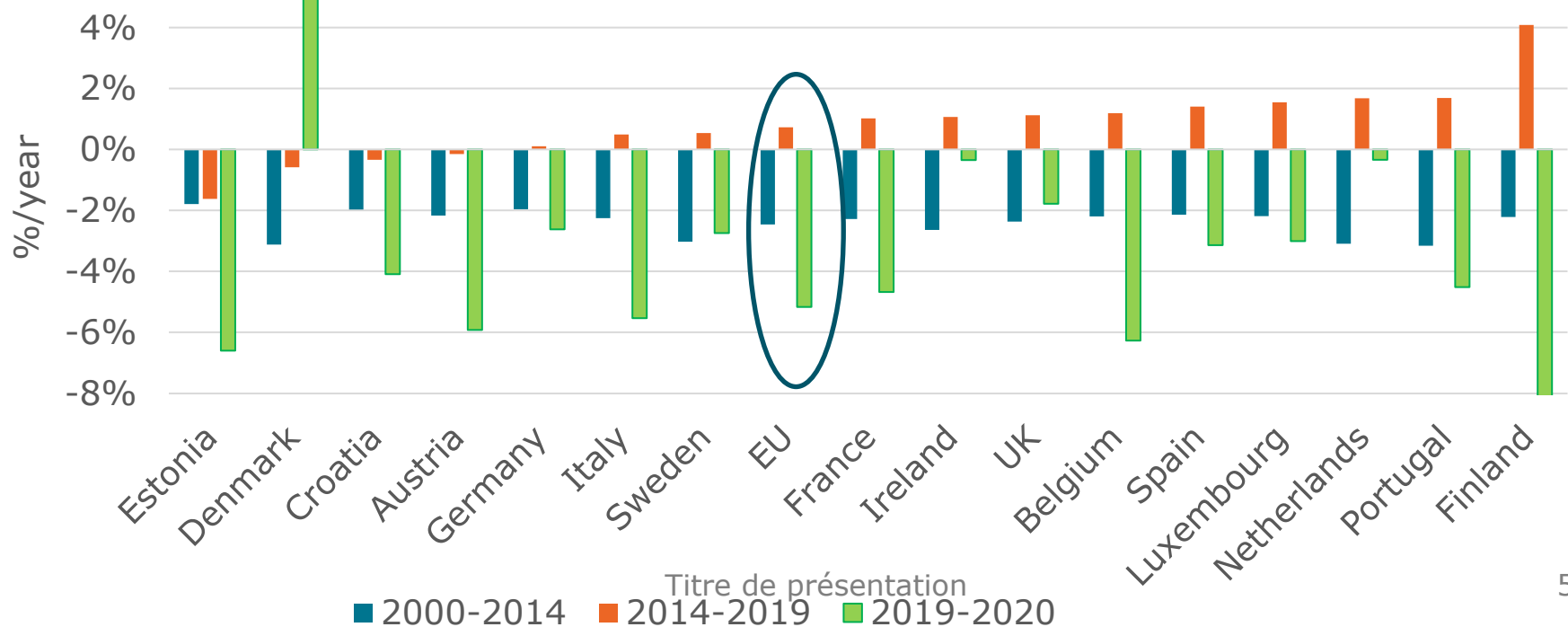
- Between 2014 and 2019, final consumption increased by 36 Mtoe.
- The economic and demographic growth, as well as increase in equipment ownership (cars, appliances) and dwellings' size), the "activity" effect, contributed to raise final consumption by 70 Mtoe.



Final consumption at real climate.  
Source: ODYSSEE Decomposition tool

# Pandemic: few impact on EE because policies play a countercycle role

- **Regulations** are, to a certain extent, independent of economic growth
- Increase of EE subsidies due to **recovery plan for ecological transition**



# Fuel poverty and sufficiency on board

Database **Radar graph** Summary Table

**Search** ⓘ :

Enter text to search in measures

**Sector :**

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**Countries :**

Select...

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Clear All

Less options

**Measure Characterisation** ▶

**Impacts** ▶

**Relation to EU Policy Frame** ▶

**Energy poverty & sufficiency** ▼

Energy poverty

**Sufficiency**

Avoiding/Ceasing of energy services

Substitution of energy services

Adjustment of energy services

# Energy efficiency: The 2021 european champion is The ODYSSEEMURE scoreboard2

Overall Score



*Level  
All sectors*



*Trends  
all sectors*



*Policies  
All sectors*

Rang	Pays	Score
1	Lituanie	1.00
2	Espagne	0.85
3	Danmark	0.83
4	Irlande	0.81
5	Lettonie	0.77

Rang	Pays	Score
1	Grèce	1.00
2	Luxembourg	0.96
3	Roumanie	0.92
4	Croatie	0.81
5	Pays Bas	0.72

Rang	Pays	Score
1	Estonie	1.00
2	France	0.87
3	Irlande	0.81
4	Allemagne	0.68
5	Roumanie	0.68

# The new proposal 2022-2025 in brief

- **Programme** : LIFE-CET
- **Topic**: Towards an effective implementation of key legislation in the field of sustainable energy policy
- **Duration** : 30 months, starting **October 2022**
- **Funding** : around 2 M€, 95% direct cost, 7% overhead
  
- **40 partners of which 18 EnR members, of which 9 Balkans countries, coordinated by ADEME, 30 letters of support including EnR club**
  
- Updates of ODYSSEE (3) and MURE databases (2) and facilities
- Support in capacity building for EC countries by Croatia and other partners
- Odyssee: **New updating process**, using more widely EUROSTAT data and horizontal sources
- Integration of a web-based **Policy Assessment Tool Policy radar** (based on Artificial Intelligence AI/Web scraping methods)
- Dissemination of the Odyssee-MURE/eceee European EE Scoreboard: **social media**



# ABOUT THE ODYSSEE-MURE PROJECT

Comprehensive monitoring of efficiency trends and policy evaluation in EU countries, Norway, Serbia, Switzerland and the United Kingdom.

[LEARN MORE](#)



## ABOUT ODYSSEE

Database on energy efficiency indicators and energy consumption by end-use and their underlying drivers in industry, transport and buildings.

[Learn more](#)



## ABOUT MURE

Database on energy efficiency policies and measures by country in industry, transport and buildings.

[Learn more](#)

## LATEST NEWS

 30 NOVEMBER 2021

On November 30<sup>th</sup> the Odyssee-Mure project hosted a live webinar: "**Recent energy efficiency trends in the EU**" (by L. Sudries and B. Lapillonne, Enerdata).

 28 SEPTEMBER 2021

**3 webinars** have recently taken place:

MARKET  
DIFFUSION



DECOMPOSITION



COMPARISON



ENERGY SAVING



ENERGY  
EFFICIENCY  
SCOREBOARD



SUCCESSFUL  
MEASURES



POLICY MAPPER



ENERGY  
EFFICIENCY  
SCOREBOARD

