ODYSSEE-MURE

**M68 full and regular meetings
February 17th &18th  2021**


**WG "decision support tools for Energy Efficiency policies evaluation"**

**So-called WG "Monitoring tools"**

**Evaluation report**


*Dr Didier Bosseboeuf, ADEME; WG Chair*

ADEME
AGENCE DE LA
TRANSITION
ÉCOLOGIQUE

# Objectives and key features

- The EnR monitoring tools ODYSSEE MURE have been supported by the H2020 programme of the European Commission from the last 25 years. It covers 31 countries\*, mainly energy efficiency agencies or Ministries; coordinated by ADEME

- **Its main objectives are to exchange of information and provide evidences :**
  - ✓ Evaluate and compare energy efficiency progress by sector, in relation to the observed trend in energy consumption and to the EU targets ;
  - ✓ Evaluate energy efficiency policy measures and identify the "best measures" .
  - ✓ New topics each round (Ex:  EE1P; fuel poverty, sufficiency for 2020-21)

- The project relies on two data bases:
  - ✓ **ODYSSEE** on energy efficiency indicators;
  - ✓ **MURE** on all policy measures implemented by sector, and their impact evaluation.
    - ✓ Decentralised data collection which ensures a legitimacy of the results
    - ✓ Exchange on methodologies, interpretation through workshops gathering 60 experts
    - ✓ Harmonised data collection allowing data going « beyond the energy balance », Rapid updating (- one year), quality check

*28 EU Member States (UK included)+ Norway, Serbia and Switzerland*

# The EnR WG Monitoring tool network :
# 150 experts mainly from energy efficiency agencies



**Co-ordinator**

# We deliver advanced methodologies
## Decomposition analysis and energy saving calculation
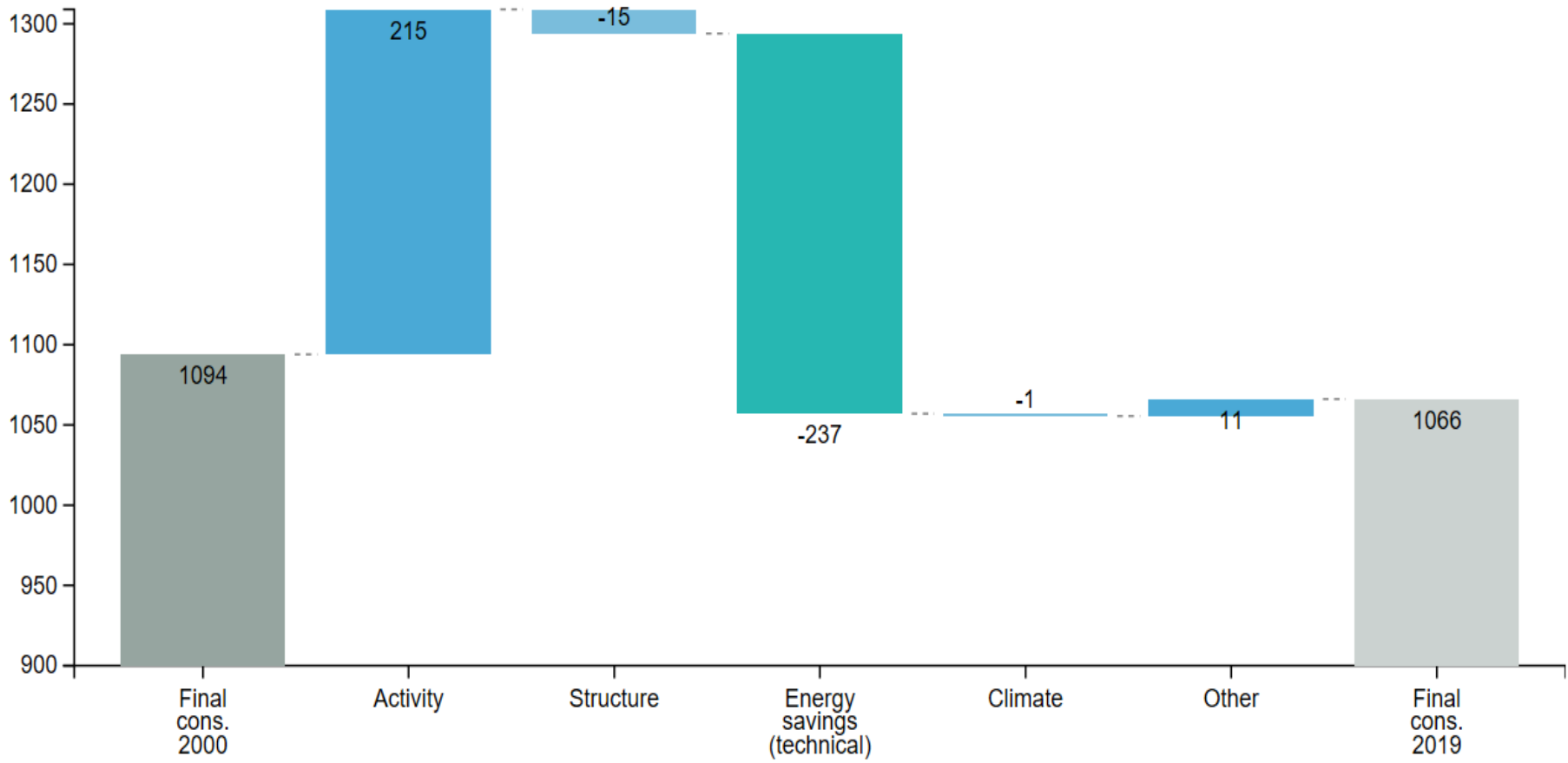
# The methodology of these tools is implemented in 70 countries..

- **Europe/EC :** (DGEN, JRC, EEA, Eurostat, ECEEE, EnR club)

- **OECD/IEA** :  (EEUMD for G20),

- **G20** : With the co-chairing of IEA (EEUDM project)

- **Latin America** :  UN-CEPAL (project BIEE& ROSE 25 countries), Mexico (AFD-CONUEE),

- **Africa** :  (MEDENER/MEETMED (7 SEMCs )

- **Asia** : India (BEE)

- **National level (e.g. German Ministry of Economic Affairs BMWi)**

- **ISO 500049**: Energy saving calculation at country, region and cities : Energy efficiency index, structural changes of energy intensities and decomposition analysis

# How the E.C. uses ODYSSEE-MURE outputs

- Reporting for National Energy and Climate Plans NECPs (and previously National Energy Efficiency Action Plans NEEAPs)

- Impact assessments (e.g. Energy Efficiency Directive, Energy Performance Directive for Buildings)

- Monitoring of targets (e.g. with the ODYSSEE decomposition tool)

- Monitoring of measures with MURE (e.g. analysis of measures contributing to the 2030 energy efficiency targets, identification of gaps and measures who could close the gaps)

- European Energy Efficiency Scoreboard: comparison of national efforts

# A comprehensive dissemination strategy using 10 complementary channels

1. Website EnR and ODYSSEE-MURE (400 000 views per year)

2. 32 Country energy profiles (Updated one a year)

3. 200 Sectoral profiles (Updated once a year)

4. 22 Policy briefs 6) done)  and 7 webinars (3 done)

5. 6 Newsletters (3 done)

6. National reports (17 planned)

7. National seminars (2 achieved among 14 planned)

8. 3 Capacity building trainings to public authorities (2 oocured)

9. International dissemination (DGEN; EEA; IEA, UN-ECLAC etc;)

10. Scoreboard (ECEEE web site)

# Conclusion : The Short-Medium-Long terms strategy

- To give better visibility in the Enr Web site

- To contribute to the interaction between WGs

- **To Submit a new proposal for the 2021 September H2020 program**
    - Inclusion of Balkans countries in EU accession, Integration of Multiple Benefits approach, Energy Efficiency indicators and policies for IT,  New data sources for indicators based on smart meters;  Indicators and synergetic policies for decarbonisation in industry

- To be reference for DGEN (including JRC) for energy efficiency monitoring.  These monitoring tools can be part of the EED platform.

- To transfer this knowledge to Eurostat.

# Conclusion : and the winner is :
# The ODYSSEE-MURE Combined score board
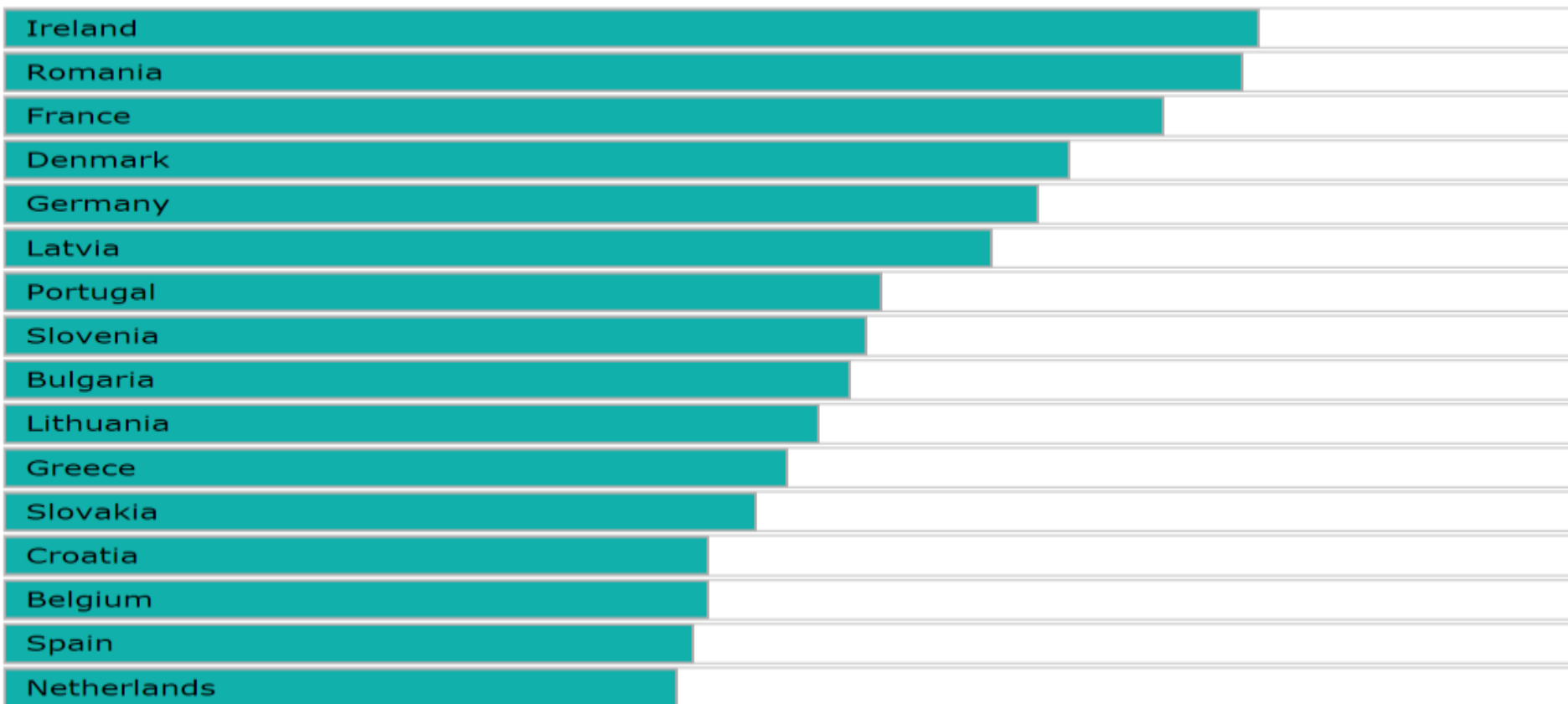


The overall energy efficiency score is obtained as an average of the three scores obtained for "energy efficiency level", "energy efficiency progress" and "energy efficiency policies" (i.e. one third weighting).

**Next meeting : Zagreb June 2021 (EIHP) with Balkans countries in EU accession**

# Thank you for your attention

**For more information**
*Didier.bosseboeuf@ademe.fr*
*Tel : 00 33 1 47652355*

www.odyssee-mure.eu