



ENERGY EFFICIENCY WATCH



Co-funded by the Intelligent Energy Europe
Programme of the European Union

Energy-Efficiency-Watch: Reality check on the progress in energy efficiency policies

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EUFORES

www.energy-efficiency-watch.org



Who is behind EEW?



CO-ORDINATOR:

- EUFORES – European Forum for Renewable Energy Sources



PARTNERS:

- Wuppertal Institute for Climate, Environment and Energy



- ECOFYS



- ECEEE – European Council for an Energy Efficient Economy



- FEDARENE - European Federation of Regional Energy and Environment Agencies



- Energy-Cities - Association of European local authorities for the promotion of local sustainable energy policies



- ESV - Upper-Austria Energy Agency

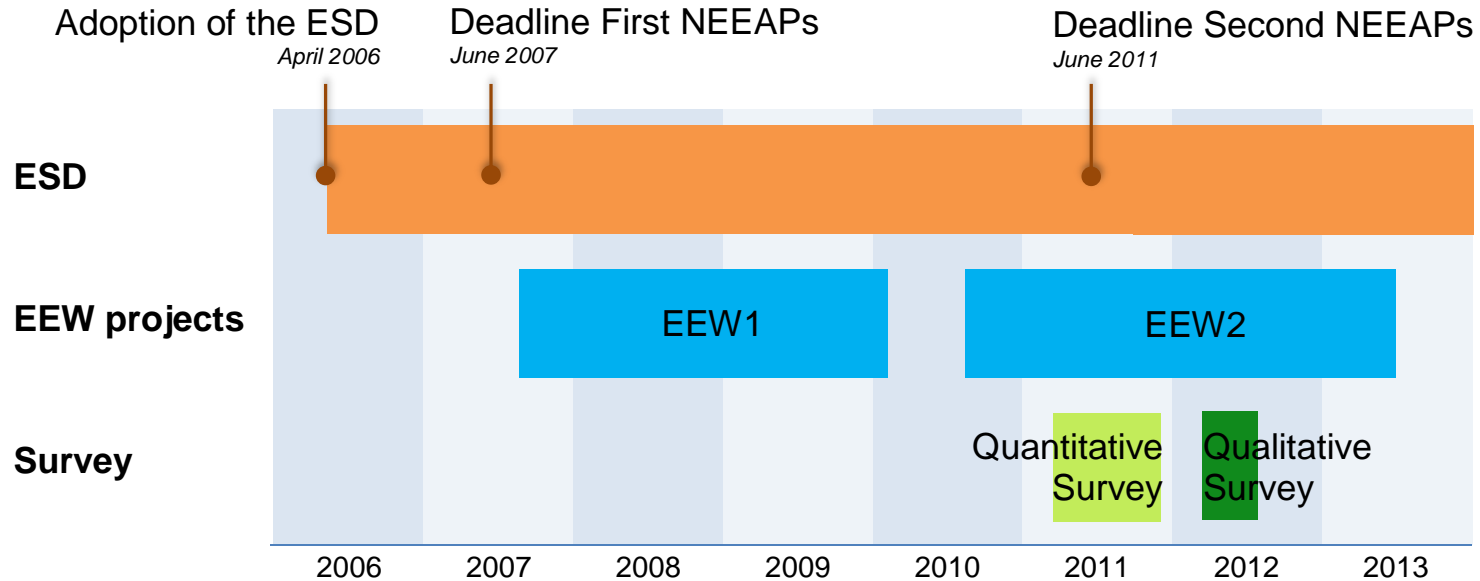
Key activities of EEW

Focused on National Energy Efficiency Action Plans and their implementation

Aimed at doing a reality check in the Member States

Wanted to initiate a spill-over effect from ESD implementation to EED implementation

Time-table



EEW survey

- Objective of the survey:
 - to find out the actual, "real-life" progress in energy efficiency policies in the country of interviewees
 - since the first NEEAPs
- **more than 700 experts from all Member States consulted**
 - quantitative survey (655 questionnaires)
 - qualitative survey (3 oral interviews per MS)
 - additionally, discussion within the partner networks (eceee, Energy Cities, FEDARENE) and interviews with European networks and industry associations

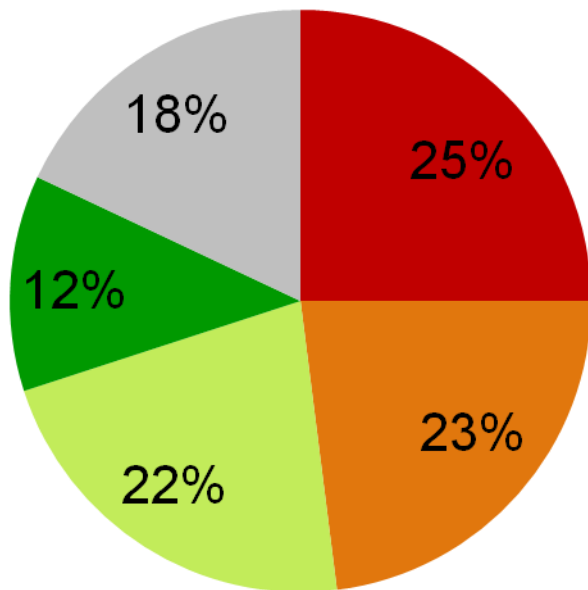
Who was consulted?

More than 700 experts from all Member States participated in either questionnaires or oral interviews.

Affiliation of consulted experts:

- national level
- regional level
- local level
- research
- consultancy
- NGOs
- professional associations and businesses

Completed questionnaires by sectors (quantitative survey)

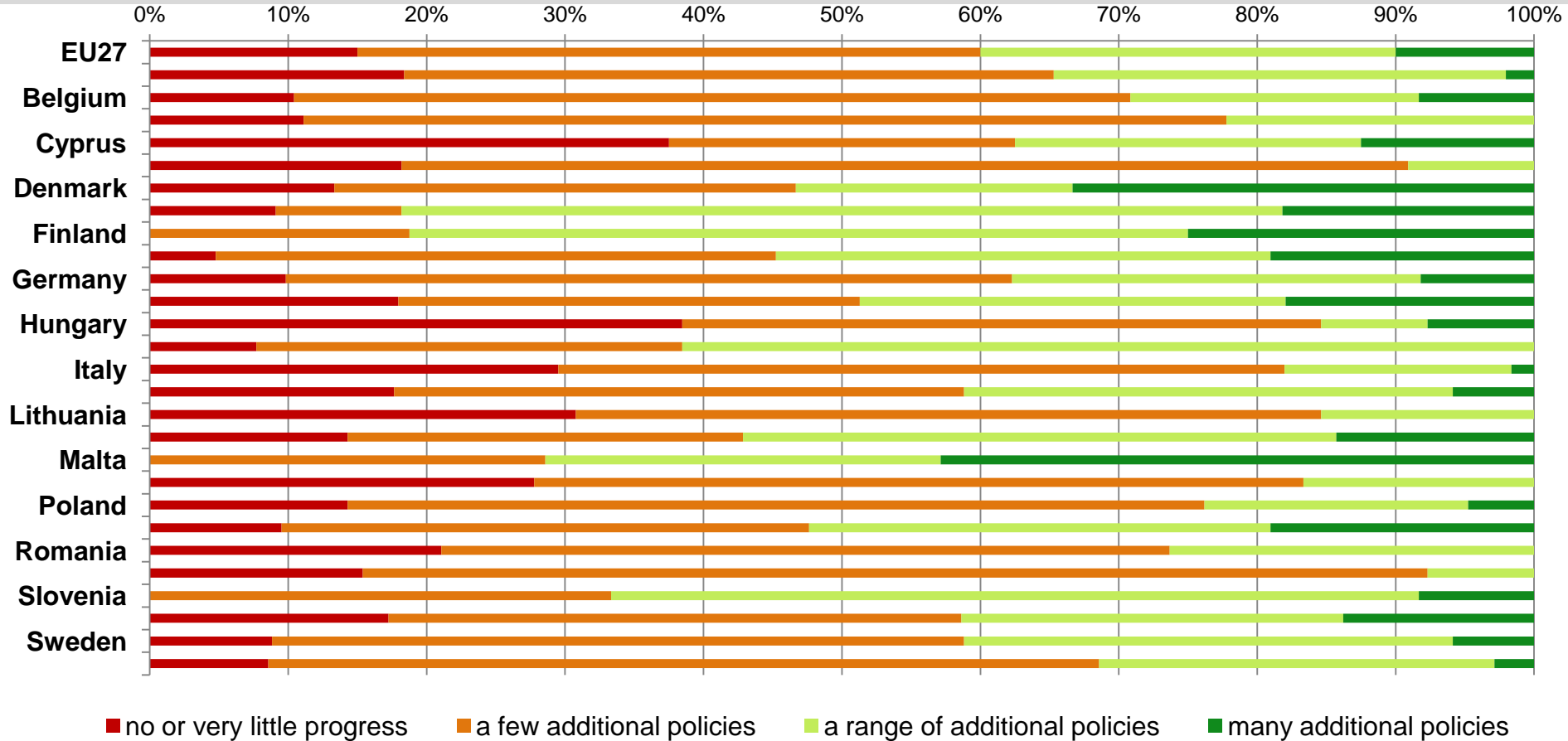


- business sector
- universities/
research organisations
- public sector
- energy agencies
- others

How should the results be seen?

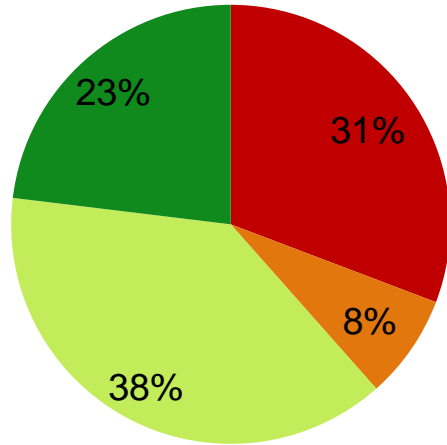
- Perceptions of experts on the progress in energy efficiency policy implementation in their own countries since 2007
- and not: the absolute levels of energy efficiency and energy efficiency policies in each country
- or: what people think about other countries
- or: the opinion of the authors of the study

How do you rank the progress in energy efficiency policies in your country?



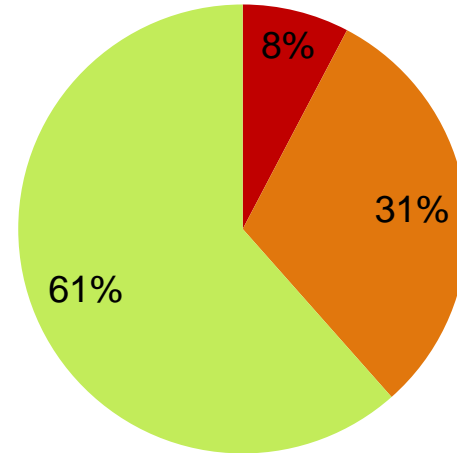
Some results for Ireland (1)

Overall ambition of the energy efficiency policies



- generally, rather low
- ambitious in a few sectors, less so in most others
- ambitious in a range of sectors, less so in a few others
- generally, rather high

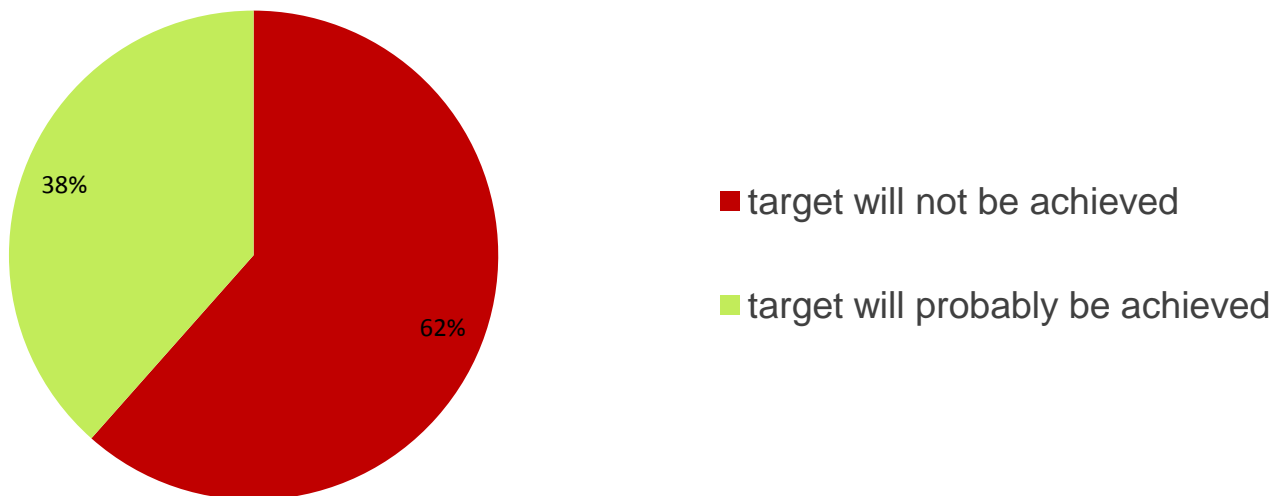
Progress of energy efficiency policies in the last 3 years



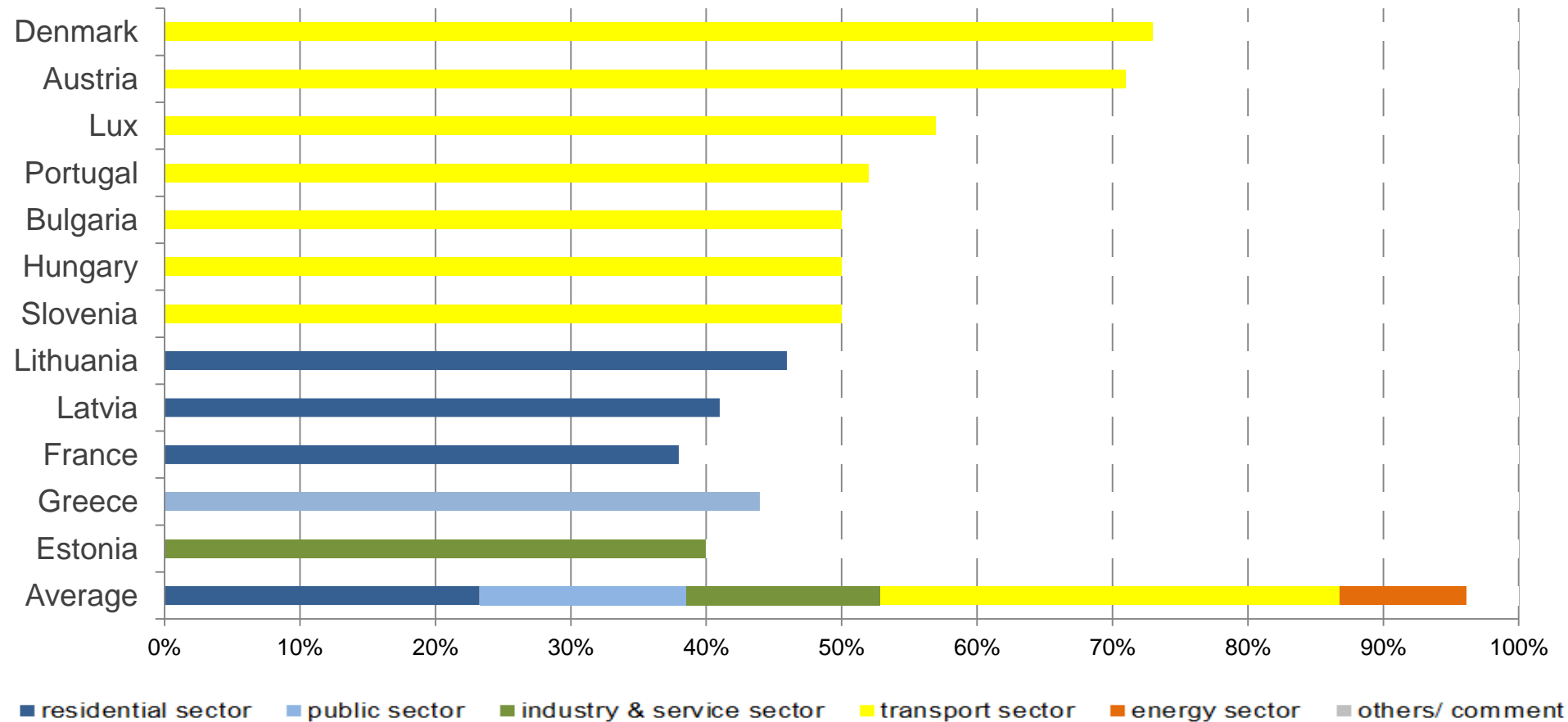
- no or very little progress
- a few additional policies
- a range of additional policies

Some results for Ireland (2)

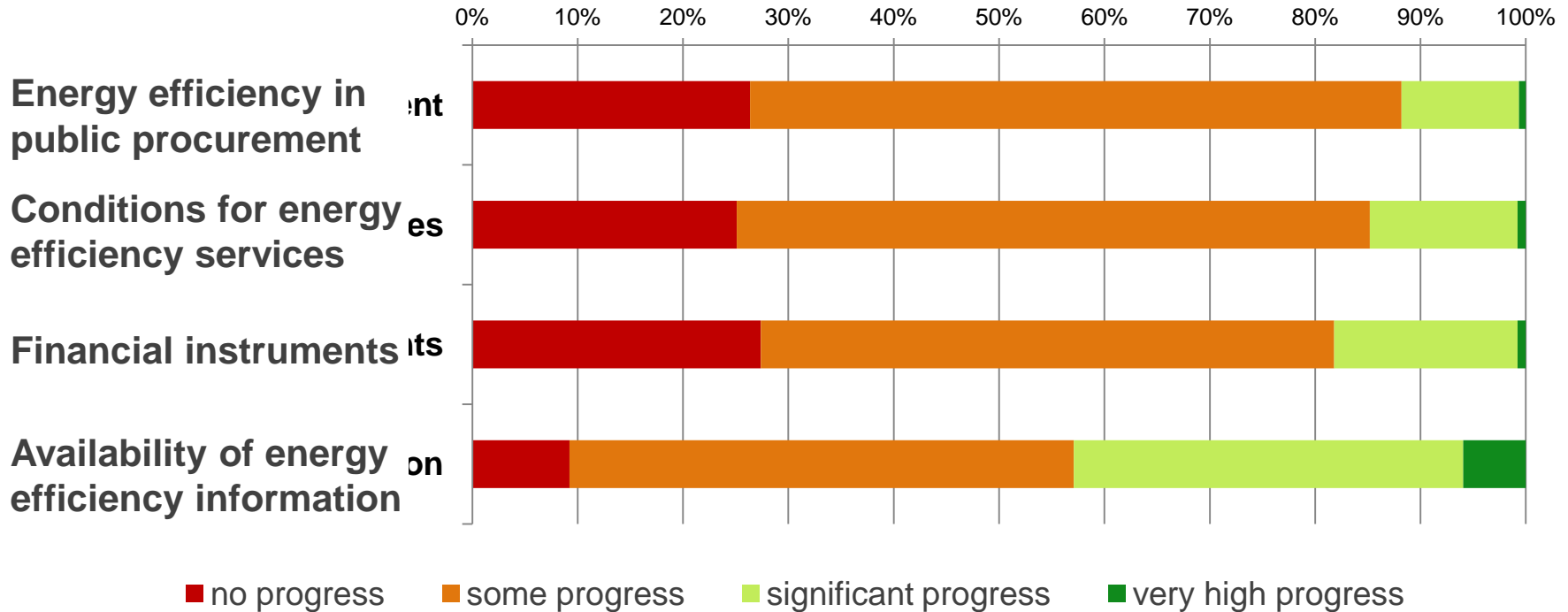
Ireland: achievement of national energy savings target



In which sector do you see the most important gaps in energy efficiency policy in your country?



How do you see the improvements in actual implementation (EU27)?




LIKE

DISLIKE
Voluntary Agreements

 Sweden	84%	 Austria	53%
 NL	79%	 Lux	50%
 Denmark	73%	 Spain	45%

Obligations for energy companies

 Denmark	100%	 Cyprus	38%
 UK	86%	 Lithuania	38%
 Slovenia	73%	 Hungary	33%

Energy Audits

 Denmark	93%	 Cyprus	50%
 Austria	92%	 Lithuania	31%
 Czech R.	90%	 Belgium	31%

Smart Metering

 Finland	80%	 NL	39%
		 Estonia	36%
		 Germany	36%
		 Slovenia	36%

Measures on EU-level

Stricter minimum standards for buildings & appliances

Stricter binding energy efficiency targets for the public sector

Binding national targets

Stringent maximum fuel consumption for cars

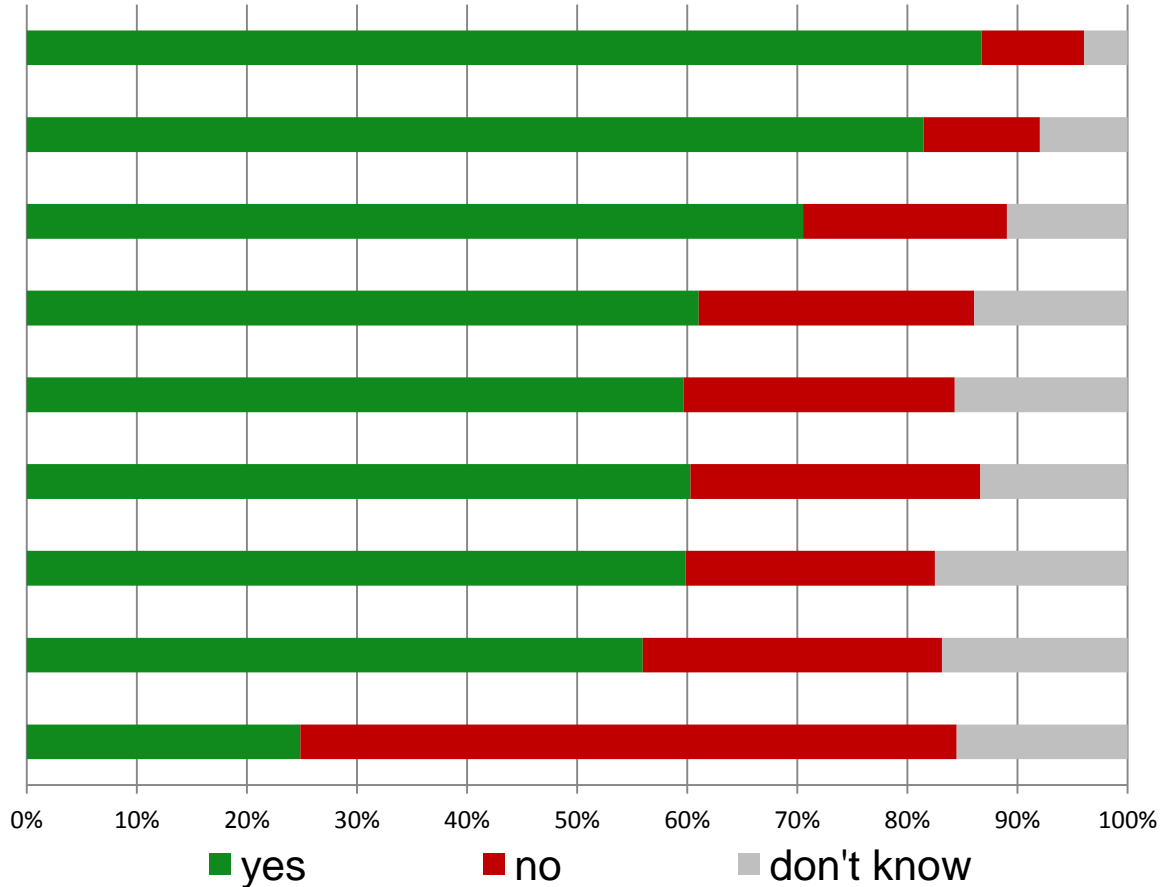
Mandatory energy managers for companies & public bod.

Rapidly banning all inefficient products

Voluntary agreements with appliance & equipment industry

European CO₂-tax

Road charges for all roads



What to learn from the survey?

Political will: understanding of the benefits of energy efficiency

- survey showed enormous disparity among MS in levels of ambition of energy efficiency policies
- ongoing communication challenge: energy efficiency is not a burden on public finances but the opposite - **a way to save money in public buildings and a significant factor for job creation and tax income**

A new and ambitious EU framework of energy efficiency policies needed

- overall progress in energy efficiency in the last years across MS was rather modest
- EU legislation recognised as a key driver for energy efficiency policies, especially in countries where it is not a political priority

What to learn from the survey?

Progress in energy efficiency in transport is the weakest

- complete lack of comprehensive policies on energy efficiency in transport, including the European level
- absence of political will to act in this sector in most Member States

Building renovation and how to finance it

- urgent need for extensive building renovation across the EU
- existing programmes and approaches will not suffice to achieve significantly increased renovation rates
- clear longterm strategy (as now foreseen in Article 4 of the EED) needed (including better continuity of funding programmes, solutions to overcome the user/investor problem, mobilisation of local actors)

What to learn from the survey?

Many other barriers than money

- legal, institutional, in the fields of information, awareness raising, training etc.
- negative example: failure to develop a market for energy performance contracting (EPC) in most MS
- positive example: product-independent energy advice and audits crucial role in overcoming information barriers, especially when implemented in a package with other policy incentives

The Energy-Efficiency-Watch Publications

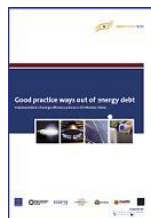


27 country reports combining NEEAPs screening and survey results

Survey report: Progress in energy efficiency policies in the EU Member States – the experts perspective



Brochure: Good practice ways out of energy debt



www.energy-efficiency-watch.org

Thank you for your attention

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