

# **Ecodesign & Energy Labelling: an overview by ENGOs**

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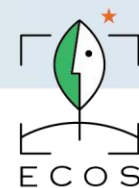
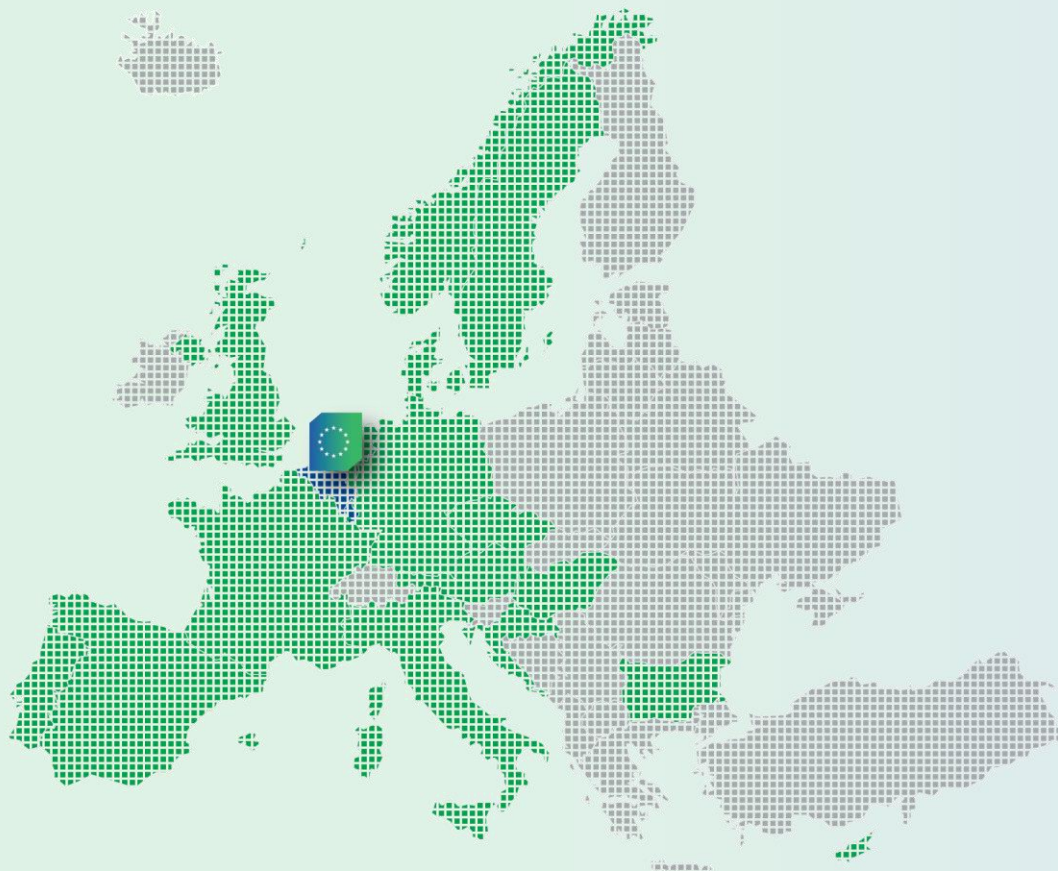
14.02.2019 – EnR meeting



34 National  
organisations

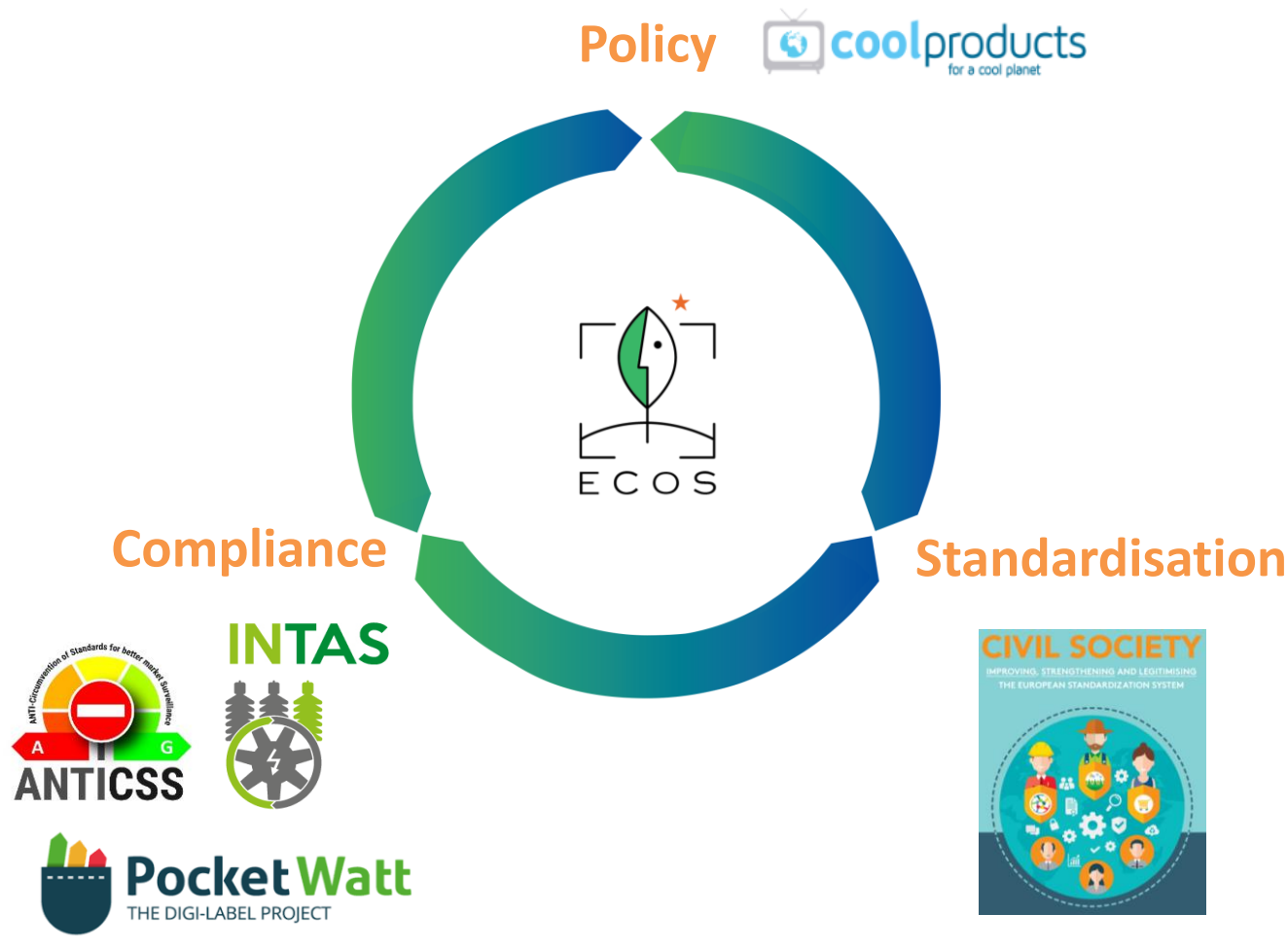


9 Pan-European  
organisations





# ECOS and Ecodesign & Energy Labelling





# ECOS and Ecodesign & Energy Labelling





# Coolproducts campaign



- Funded in 2009
- Coordinated by ECOS and the EEB
- Network of over 20 environmental organisations

## EUROPEAN PARTNERS

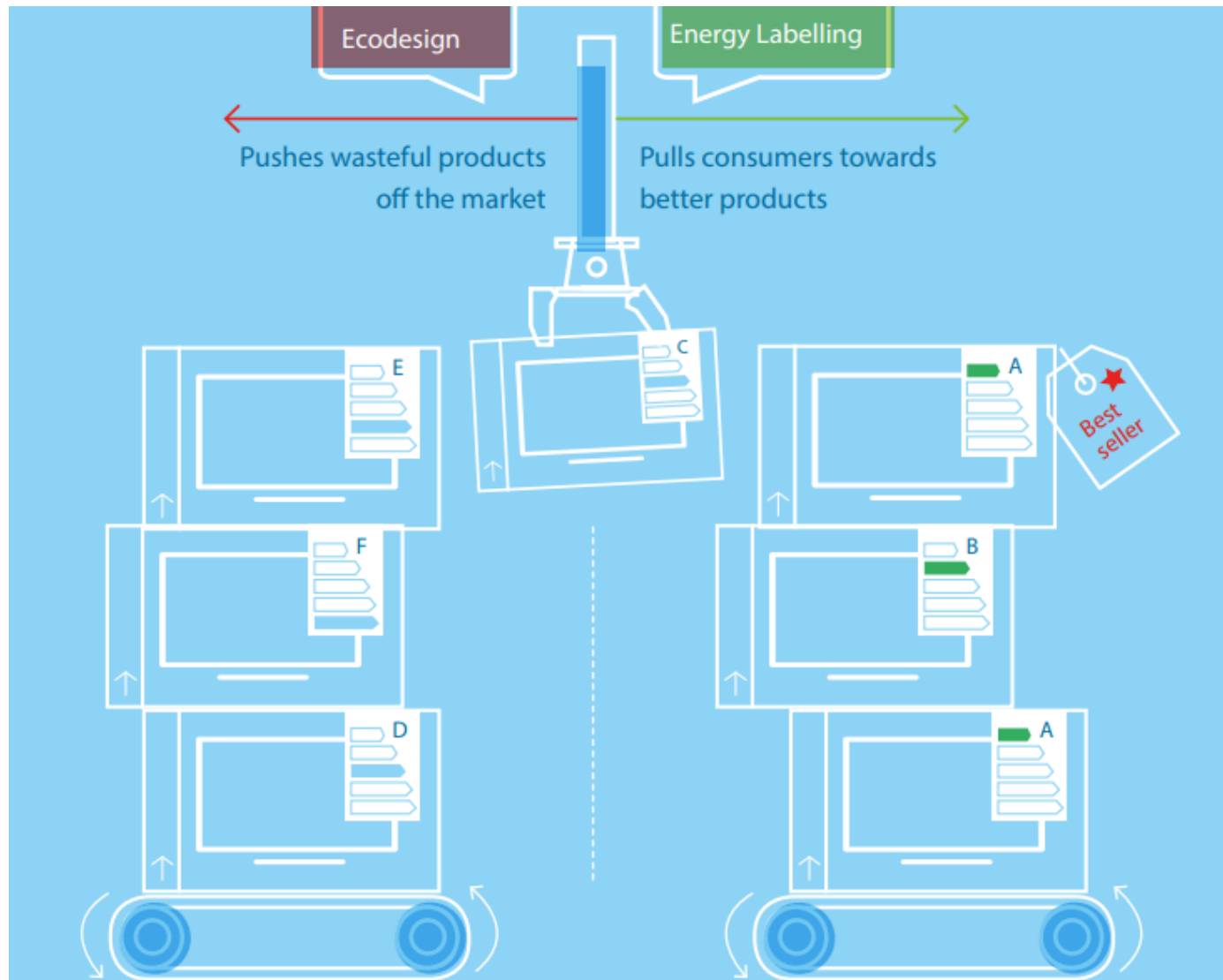


## NATIONAL PARTNERS



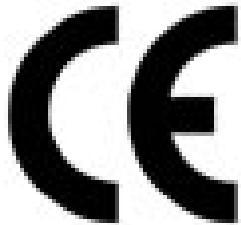


# Ecodesign & Energy Labelling tools

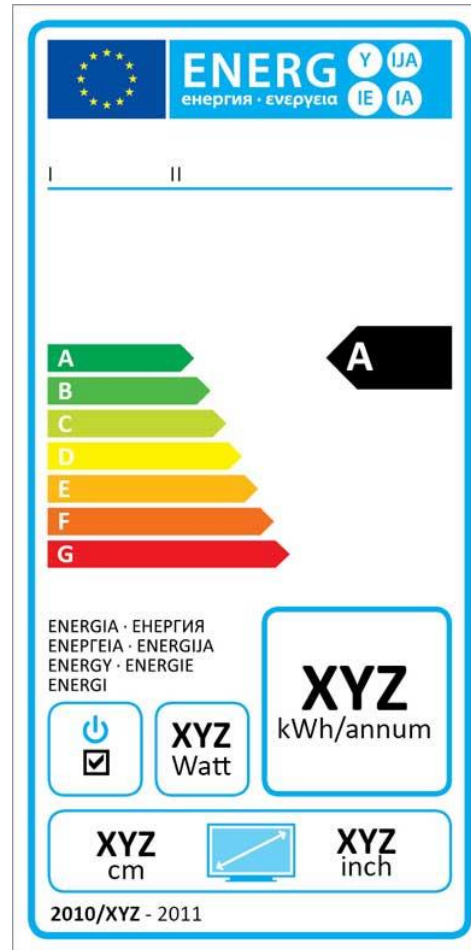




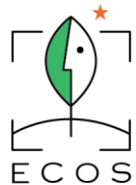
## Current coverage



**28** product groups  
regulated by **Ecodesign**

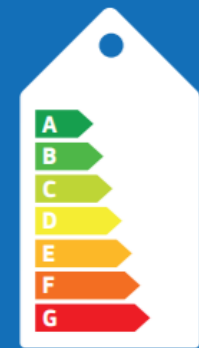


**16**  
**Energy Labels**





# 2020 Targets: success!



Energy  
Labelling



Ecodesign



Nearly **half of the energy savings target** set by the EU for 2020



A **quarter of the emissions** reduction targets set by the EU for 2020





**-175 million** tons oil equivalent

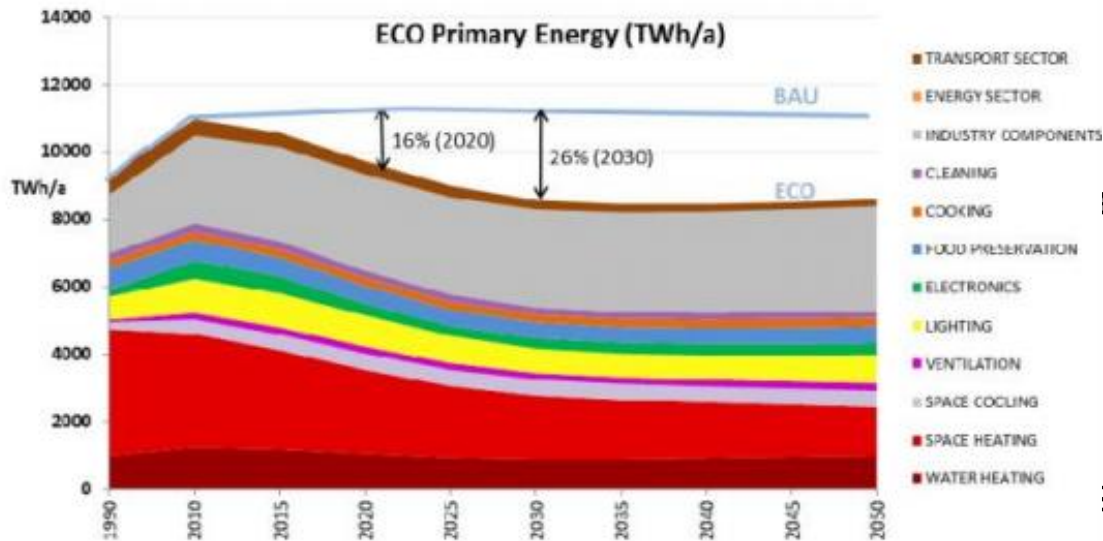
~ 9% of EU total energy consumption

**-500€** in consumers' energy bills  
per year





# Ecodesign Impact Accounting, Report 2017

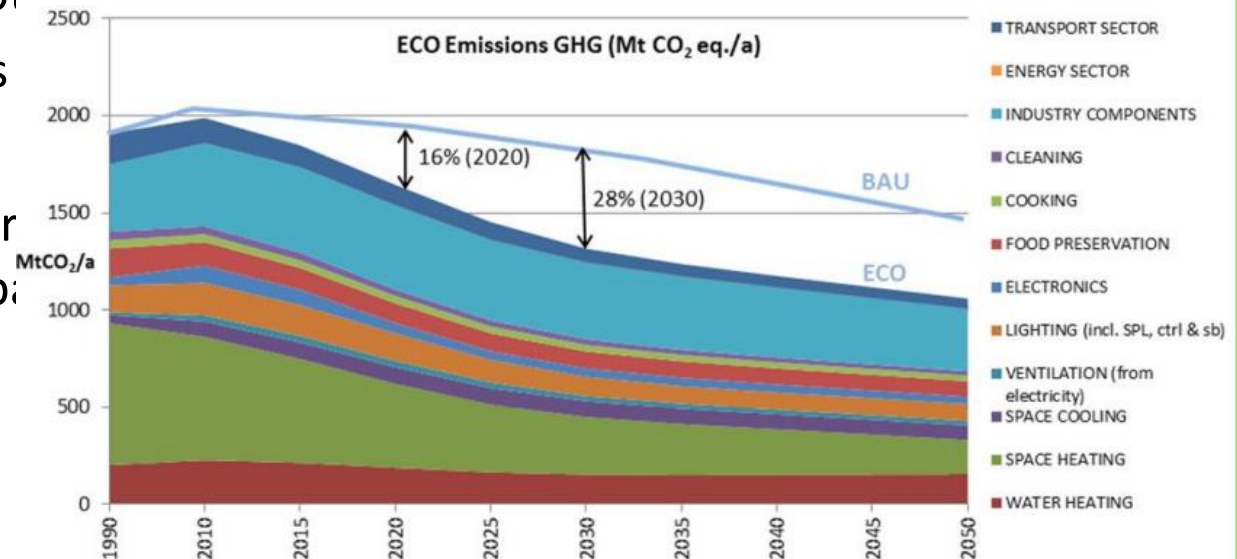


iting, industry components,

sumption and 10% of carbon

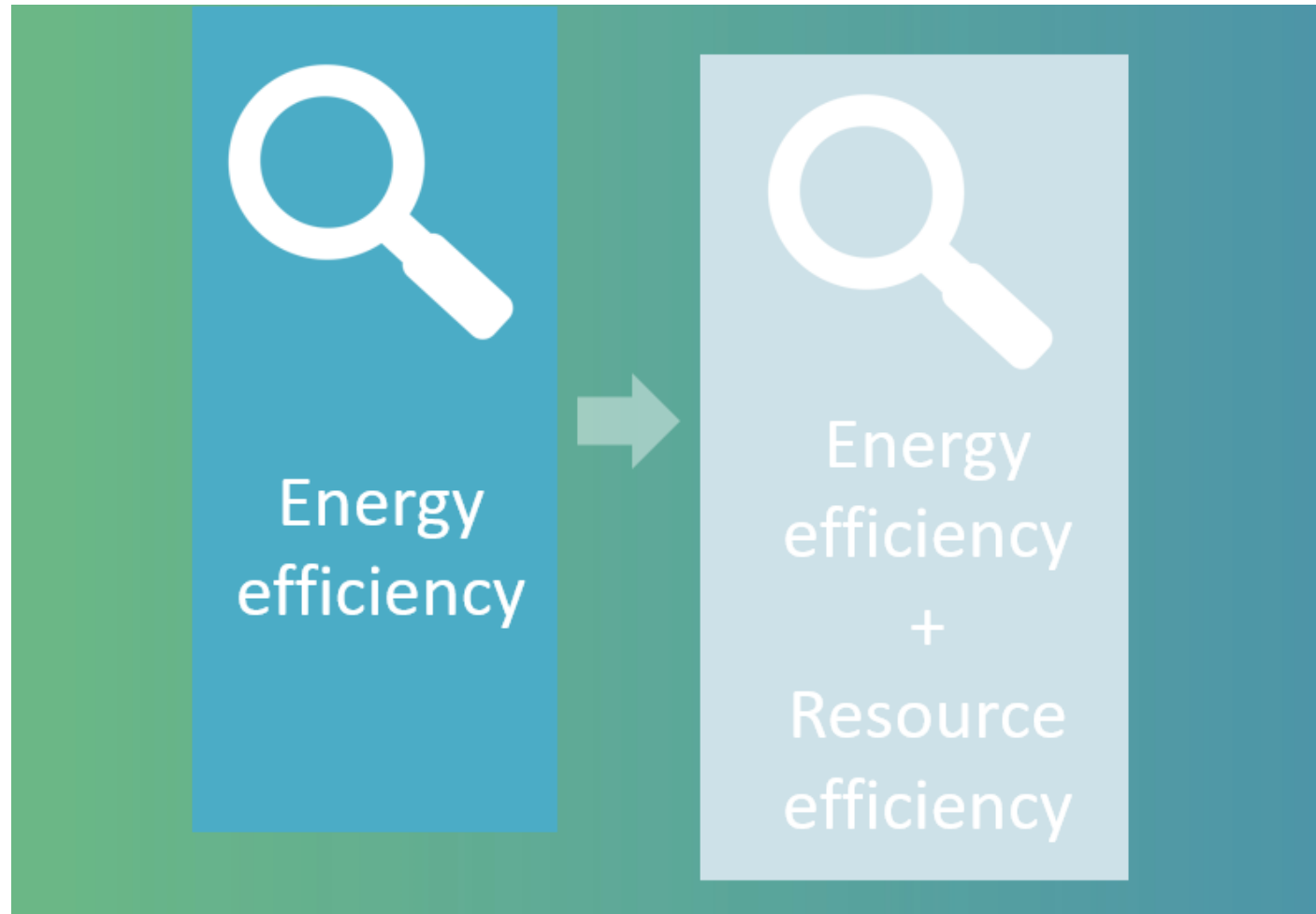
emission to

- consumer's
- Projections for measures the p out.





# Expanding focus





# Through Ecodesign, the EU can...



Make products more durable by introducing minimum durability requirements on key components, such as making smartphone screens shock resistant



Ban the use of hazardous chemicals in order to facilitate material recovery and recycling of the product while also protecting human health and the safety of workers



Ensure that essential parts of the product are easily replaceable, repairable and upgradable.  
(e.g. smartphone batteries)  
Components are often impossible to disassemble due to glueing and welding



Make products easier to recycle by not combining different materials not compatible for recycling, i.e. plastics



Share necessary repair information, tools, and spare parts in order to fix specific problems



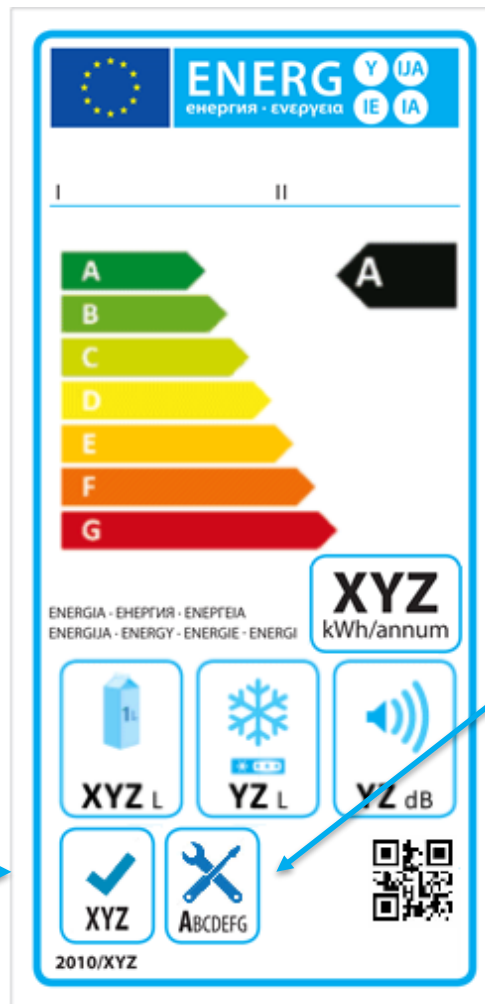
Ensure that recyclers have access to key information on the content and location of precious materials





## ...and the Label beyond energy

Free  
warranty  
period



Repairability  
score





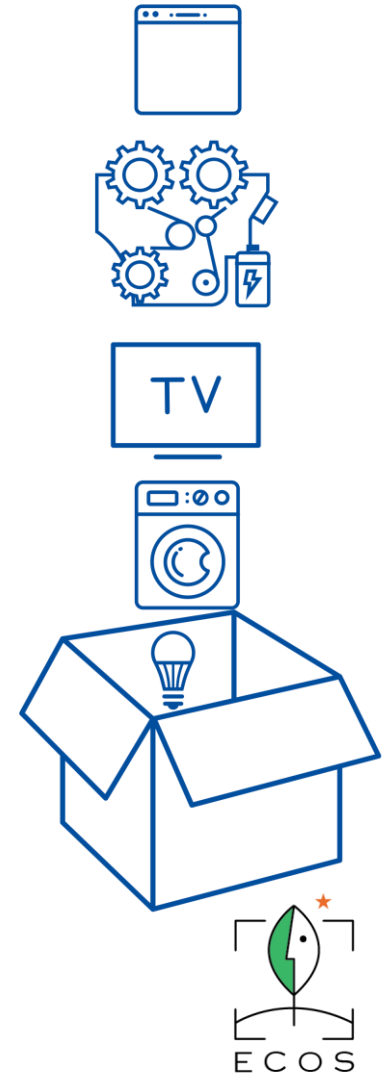
# Latest measures: the Package

- 11 Ecodesign measures, 6 Energy Labels
- Energy savings: **up to 140 TWh/year** in 2030

=5%

of overall EU electricity consumption

- Repair & recycling precedents





# Coolproducts: Way forward

## Technical: Ambition product after product








**Household Dishwashers:**  
Recommendations on the final Ecodesign and Energy Labelling

15 of the Member States vote scheduled in early 2019, we would like to welcome the draft Ecodesign and energy labelling requirements proposed by the European Commission. In particular, we are concerned by the lack of ambition in many aspects, and we also urge Member States to increase the ambition of the requirements to make...




**Electric motors and variable speed drives:**  
Recommendations on the final Ecodesign proposal

November 2018

States vote scheduled for early 2019, we welcome the draft Ecodesign and Energy Labelling proposals proposed by the European Commission. In particular, we are concerned by the lack of ambition in many aspects, and we also urge Member States to increase the ambition of the requirements to make...







**Washing Machines and Washer-dryers**  
Recommendations on the final Ecodesign and Energy Labelling proposals

November 2018

Ahead of the Member States' vote expected early 2019, we would like to support the draft Ecodesign and Energy Labelling regulations and particularly the new energy efficiency formulas, which are less linear and steep with capacity, thus avoiding the current encouragement to ever larger capacities. We also welcome the provisions to avoid programmes with too stretched durations, with a preference for the cap on duration in Ecodesign over indication on the energy label. With regard to resource efficiency, the proposals to make repair and recycling of washing machines easier have been substantially weakened compared to previous versions of the texts, and, consequently, we urge decision-makers to increase the regulation ambition.

**Stretch the energy label scales**

The proposed energy labelling scales have small class widths, especially in the top classes. This jeopardises the possibility of the labels to last for at least 10 years, and makes it too easy to jump one class up through limited product adjustment or using tolerances. We call for stretching the scales to 4

## Communication: Explain, alert



**WHY DON'T ALL SUPERMARKET FRIDGES HAVE DOORS?**

Simple measures such as installing doors on commercial fridges and freezers can save up to €6.4 billion annually

Adding doors on commercial fridges will...

Save 40% of energy in 2030



**YOUR SMARTPHONE IS A DUMBBPHONE**

FOR 10% OF ENERGY CONSUMPTION

ONLY 7% ARE ENERGY EFFICIENT

THE EUROPEAN COMMISSION

APPAREL'S HAVE BECOME UNREPAIRABLE. LET'S BRING BACK THE LIFE OF 10 MILLION MORE

**Cross cutting**

Four months left to wrap up the Package of Ecodesign and Energy Labels measures

Commission to finalise its Package of 14 Ecodesign measures and 6 Energy Labels

12.08.2018

**Energy Label: a reparability score coming up?**

EU lawmakers are exploring the idea of a scoring system to rate the level of reparability of products

04.09.2018

European Parliament votes in favour of better products for people and the environment

European Parliament confirms its vision of the Ecodesign policy as a success story

**Circular Economy - Brussels won't do it alone**

September 17, 2018 - EU ambition





# Product regulations in development

## STARTING SOON

Kettles
Ventilation units
Professional refrigeration
Cooking appliances
Smartphones
Base stations
Gateways
Refrigerated containers

## PREPARATORY STUDY

Hand dryers
PV panels
Lifts
Batteries
Heating products
Air conditioners
Tumble driers
Vacuum cleaners
Smart appliances
Building controls
High pressure cleaners
Computers
Circulators
Pumps
Taps & Showers

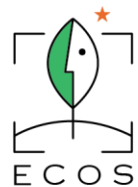
## DRAFT REGULATION

Tyres (label)
Standby
Industrial fans
Compressors

## ADOPTION

Washing machines
Dishwashers
Fridges
Commercial fridges
Motors
Servers
Transformers
External Power Supplies
TV & displays
Lighting
Machine tools

Status: 20/11/18





# ECOS and Ecodesign & Energy Labelling





# Why standards matter

- Testing standards influence energy savings
  - Testing standards influence consumer decisions
  - Testing standards influence industry competitiveness
- 
- Industry-dominated process
  - Need for representative methods beyond repeatability, reproducibility and affordability.





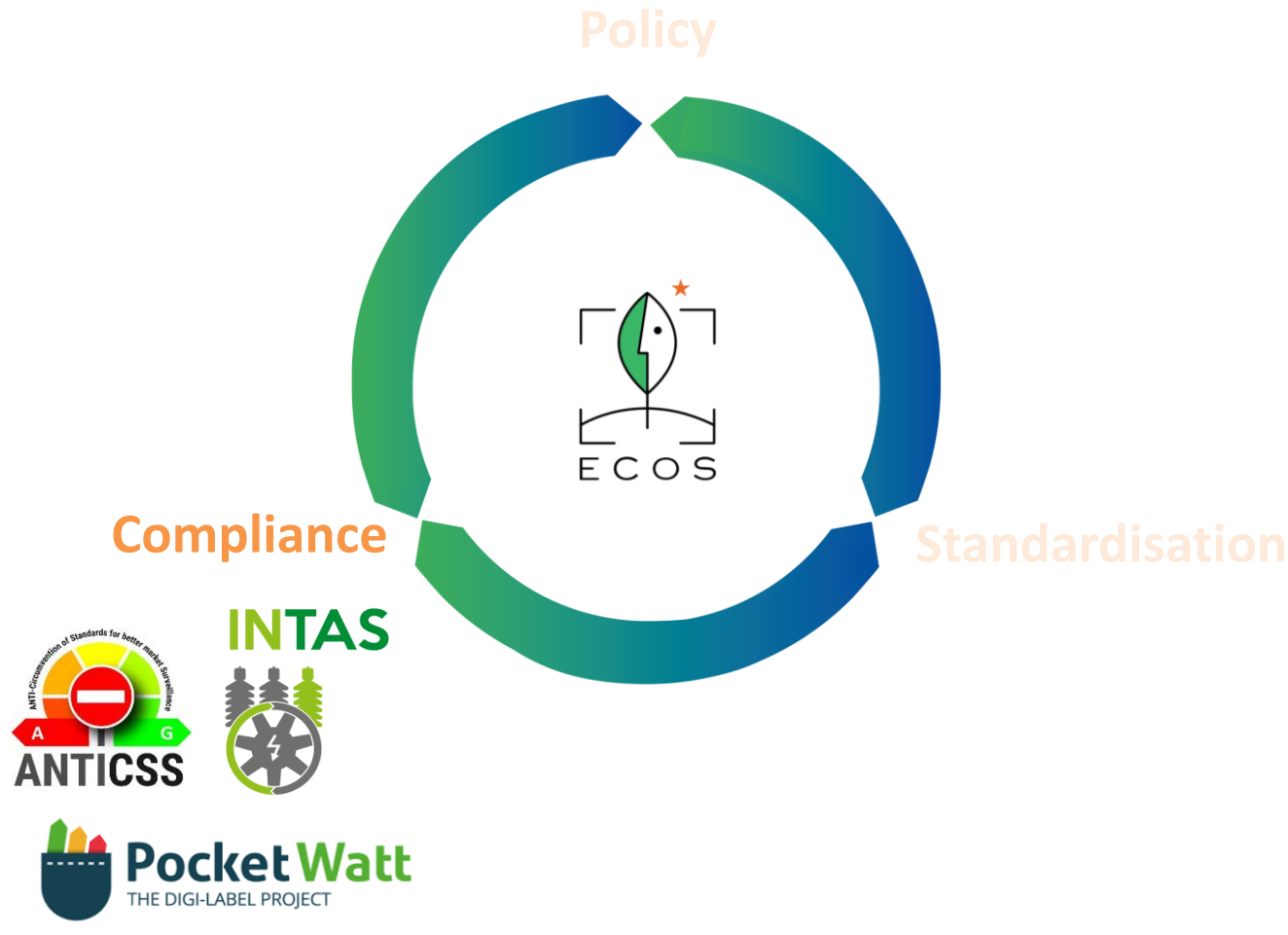
# Material efficiency standards

- Increasing importance of material efficiency in ErP
  - General lack of assessment methods, measurement methods and widely-recognised criteria
  - Industry pushback and some member state reluctance for material efficiency regulatory requirements
- 
- Standardisation Request M/543 issued as part of Circular Economy Action Plan → Horizontal methods to assess durability, re-manufacturing, repair, reuse and upgrade, recyclability and recoverability, re-used components, recycled content, critical raw materials and information.





# ECOS and Ecodesign & Energy Labelling





# Non compliance

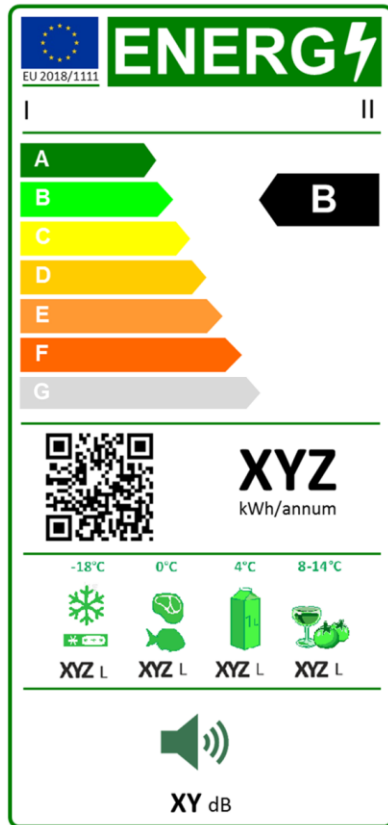
**10%**  
of energy  
savings lost



**Denmark**  
energy  
consumption



# EU Product Database for Energy Labelling



- Operational from 1<sup>st</sup> January 2019
- Potential beneficiaries:
  - Member States/MSAs
  - Consumers
  - Policy-makers



# Tailoring enforcement

- Adaptation of monitoring and verification

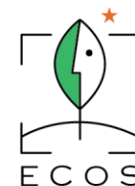


DISCUSSION PAPER



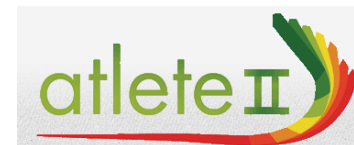
Brussels, November 2018

 @ECOS\_Standard |  ECOS-EU

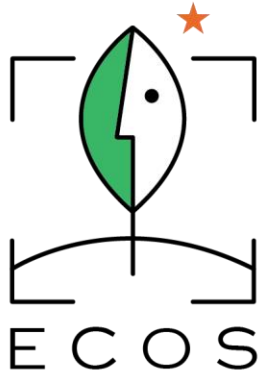




# Projects








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 ECOS-EU



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