



PROGRAMME FUNDED BY THE EU



Ecodesign verification of compliance and market surveillance
VII International Investment Business Forum on Energy
Efficiency and Renewable Energy
Kiev, 13 November 2015

BUILDING PARTNERSHIPS FOR ENERGY SECURITY

Agenda



- Verification procedures and tolerances
- Market surveillance
 - Requirements
 - Benefits
 - Barriers and opportunities
 - Cooperation
 - Results
- Summary

www.inogate.org



Verification procedure and tolerances



Manufacturers undertake verification checks and issue self-declarations of conformity, which are displayed by retailers

Each regulation has an Annex stating the verification procedure and tolerances e.g.

- Test one unit per model
- Test documentation
- Use measurement and calculation method from regulation
- Apply stated tolerances

Example: transformers 548/2014 verification tolerances



Measured parameter	Verification tolerances
Load losses	The measured value shall not be greater than the declared value by more than 5 %.
No load losses	The measured value shall not be greater than the declared value by more than 5 %.
The electrical power required by the cooling system for no load operation	The measured value shall not be greater than the declared value by more than 5 %.

Market surveillance requirements



Art 3.2 of the Ecodesign Directive requires Member States to designate market surveillance authorities to:

- Organise checks on product compliance (through product tests and shop visits)
- Oblige manufacturers to recall non-compliant products from the market
- Require parties concerned to provide all necessary information specified in the Ecodesign regulations

Member States must keep the EC informed about market surveillance results and share information with other Member States.

Market surveillance benefits



- Helps consumers to verify that the performance of products live up to the requirements
- Ensures products placed on the EU market live up meet all applicable laws

Around 100 full-time equivalent staff work on Ecodesign and energy labelling in the EU. The most active EU nations are Denmark, Sweden and the UK.

www.inogate.org



Barriers and opportunities



Barriers

- Different priorities (e.g. food and safety focus of some MSAs)
- Insufficient financial and human resources
- Insufficient accredited laboratories
- Complexity of legislation for individual product groups

Opportunities

- International exchange of information and experience
- Best practice guidance/templates
- Energy savings. *If 10% of projected Ecodesign savings are lost through poor compliance, this would equate to 100TWh/yr by 2020, which would be valued at €14bn. Currently, around €7m is spent annually on MSA activities in the EU. Raising this level to ensure better compliance might prove a good investment.*

www.inogate.org



Market surveillance cooperation



- Information sharing and coordination between market surveillance authorities reduces costs and improves consistency
- For example www.ecoplant.eu shared best practice, trained MSA personnel and created a database for ten MSAs to share plans, results and other information about market surveillance
- ADCO (Administrative Cooperation for Market Surveillance) is a key forum for best practice sharing

www.inogate.org

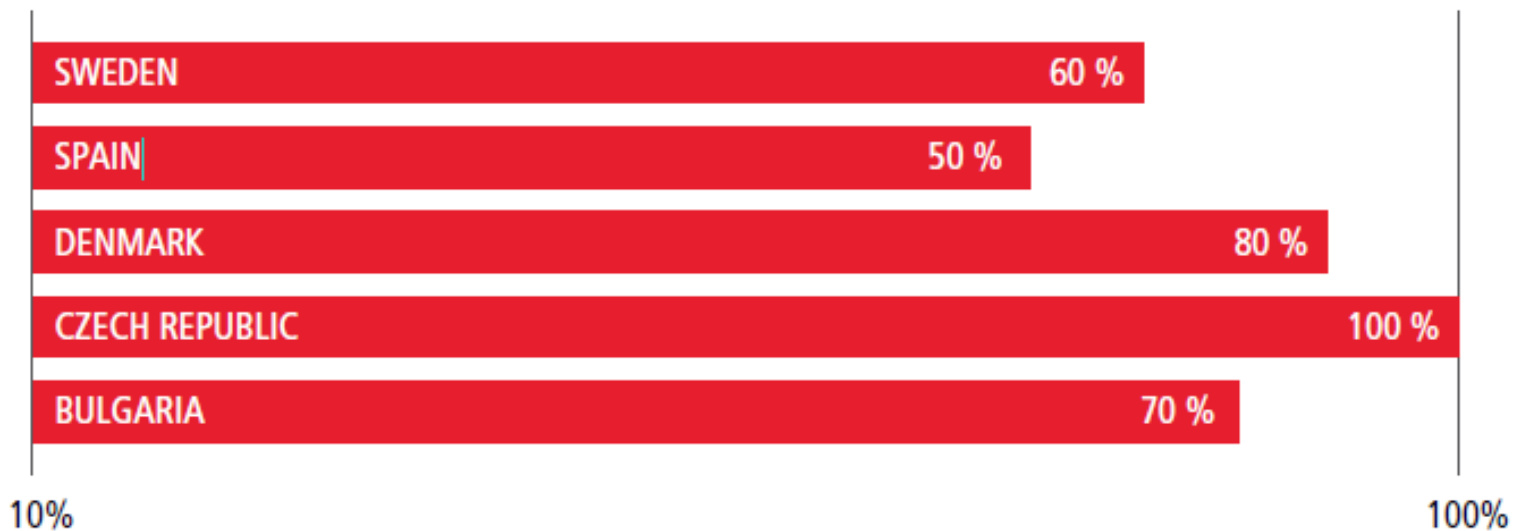


PROGRAMME FUNDED BY THE EU

Market surveillance results



Chart: Percentage of compliance of products tested by MSAs (ATLETE II, 2013, 1)
(chart taken over from original publication including the scale of bars):



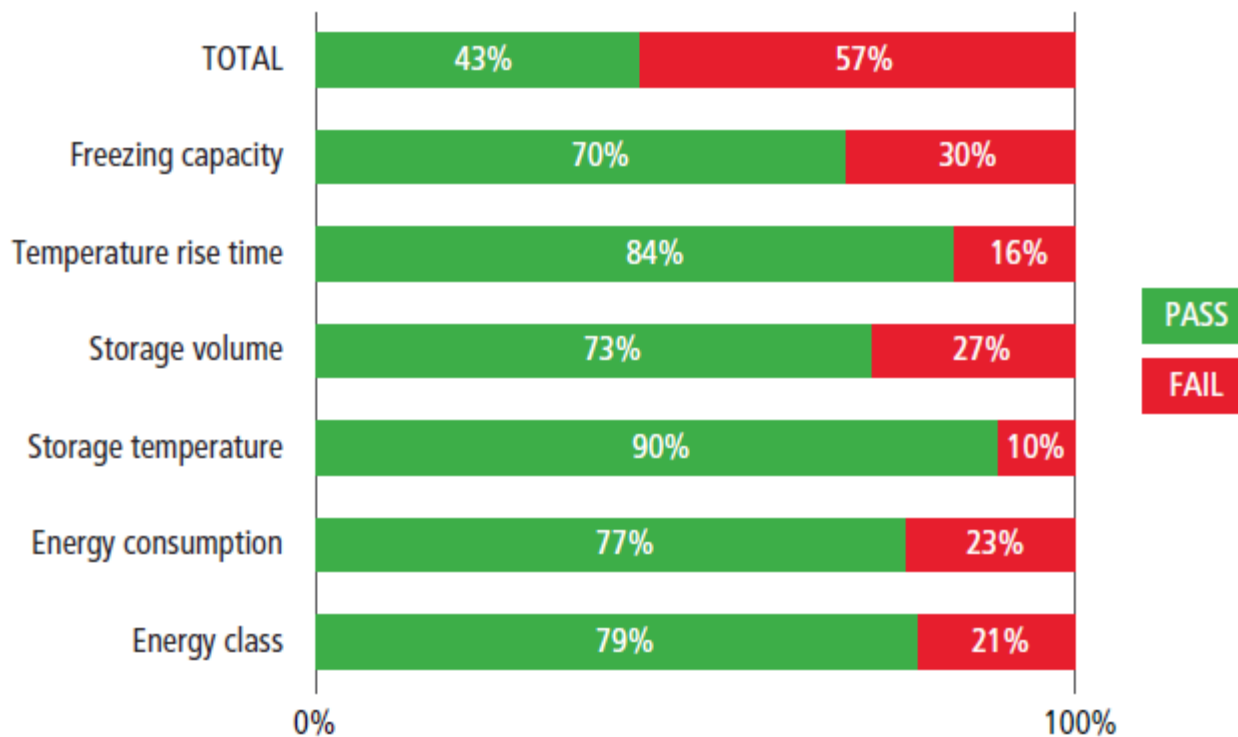
www.inogate.org



Market surveillance results



Test results from 80 refrigerators (ATLETE, 2011)



Summary



- Effective enforcement is essential for the credibility of Ecodesign/labelling and to avoid undermining the efforts of those committed to the spirit of the legislation
- There are benefits from transparency, sharing and co-operation between MSAs
- Penalties should be effective, proportionate and dissuasive
- The potential savings provide strong justification for scaling up activity

www.inogate.org



PROGRAMME FUNDED BY THE EU



INOGATE Technical Secretariat

Thank you for listening
Any questions?

Mark Allington
Vice President, Energy and Climate
mark.allington@icfi.com

More information: Secretariat.kiev@inogate.org

Visit web portal: www.inogate.org

26/28 Kudriavska Str. , Kiev 04053

Tel: +380 44 230 2754 Fax: +380 44 230 2753

www.inogate.org

