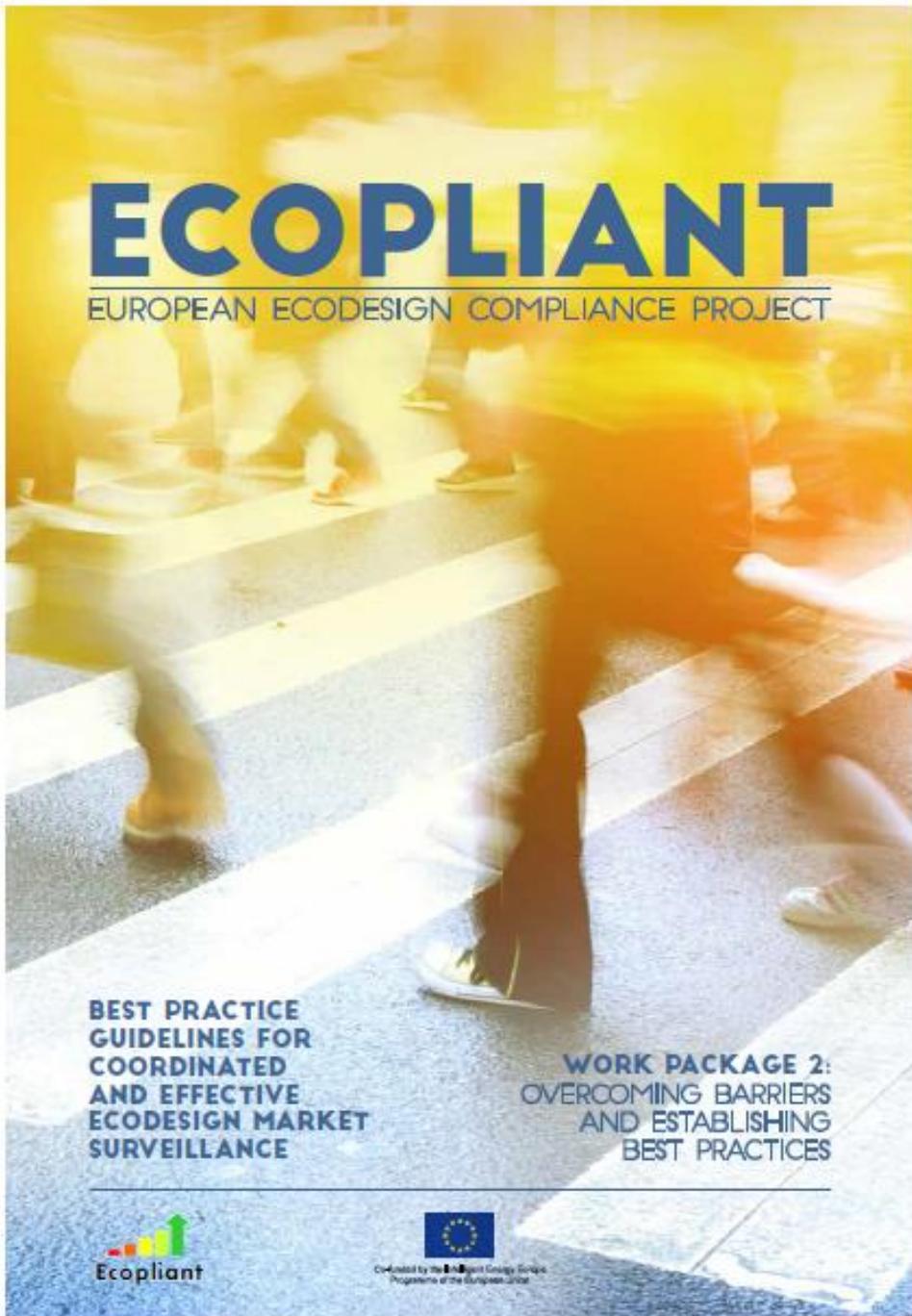


Enforcement of MEPS and Energy Labels

- Reflections based on Ecopliant and national Danish experiences

Presented by Peter Nielsen, Danish Energy Agency

Co-author Pia Westphalen, Secretariat for Ecodesign and Energy Labelling



Best practice Guidelines

- Exercise in Coordinated Monitoring, Verification and Enforcement
- Barriers to cooperation
- Online information repository
- Training of MSA staff

Visit: <http://www.ecopliant.eu/library/>



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Ecopliant

Ecopliant-project – enforcement measures

Different instruments of enforcement

Administrative sanctions:

- (UK) Environmental, societal penalties
- (SE) Fines up to 1 mill. SEK
- (NL) Immediate sales ban at dealer/whole-sale

Legal:

- Legal prosecution

Other:

- “Name and shame”



The relation between costs for lab tests and document inspection

Products	Costs for inspection of technical documentation as a percentage of the costs for laboratory testing (per unit)	Remarks on test costs (per unit)
Consumer electronics (TV, standby, external power supply)	50 - 60 %	Relatively low test costs (475 - 1.000 €)
Household driers and vacuum cleaners	15 - 25 %	Medium test costs (2.000 - 2.500 € - excl. noise)
Household refrigerators and freezers and small motors	20 - 30 %	Medium test costs (1.300 - 2.000 €)
Household washing machines and dishwasher	10 - 15 %	High test costs (5.500 - 7.500 €)
Air conditioners	< 10 %	High test costs (9.000 € - excl. noise)

The costs for inspection of technical documentation typically amounts to about 400 €/case - and up to 700 €/case for complex cases. (one case equals one unit)
 The costs for laboratory testing vary considerably from 500 €/unit to more than 9,000 €/unit (excl. the administration cost in this respect).



Ecoplant



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Enforcement by inspection of documents - results of the Ecopliant project

Product group	Laboratory tests Ecopliant (No. of units)	Passing rate Laboratory tests	Document inspection Ecopliant (No. of units)	Passing rate Document inspection
Industrial products ¹⁾	76 41	100% 93 %	18 55	11% 70 %
Consumer White goods ²⁾	- 88	- 68 %	11 143	90% 67 %
Air conditioners	4 18	100 % 72 %	14 109	40% 50 %
Consumer Electronics ³⁾	56 35	95% 82 %	22 168	85% 88 %
Lighting products ⁴⁾	35 30	Not available 100 %	35 37	40% 73 %

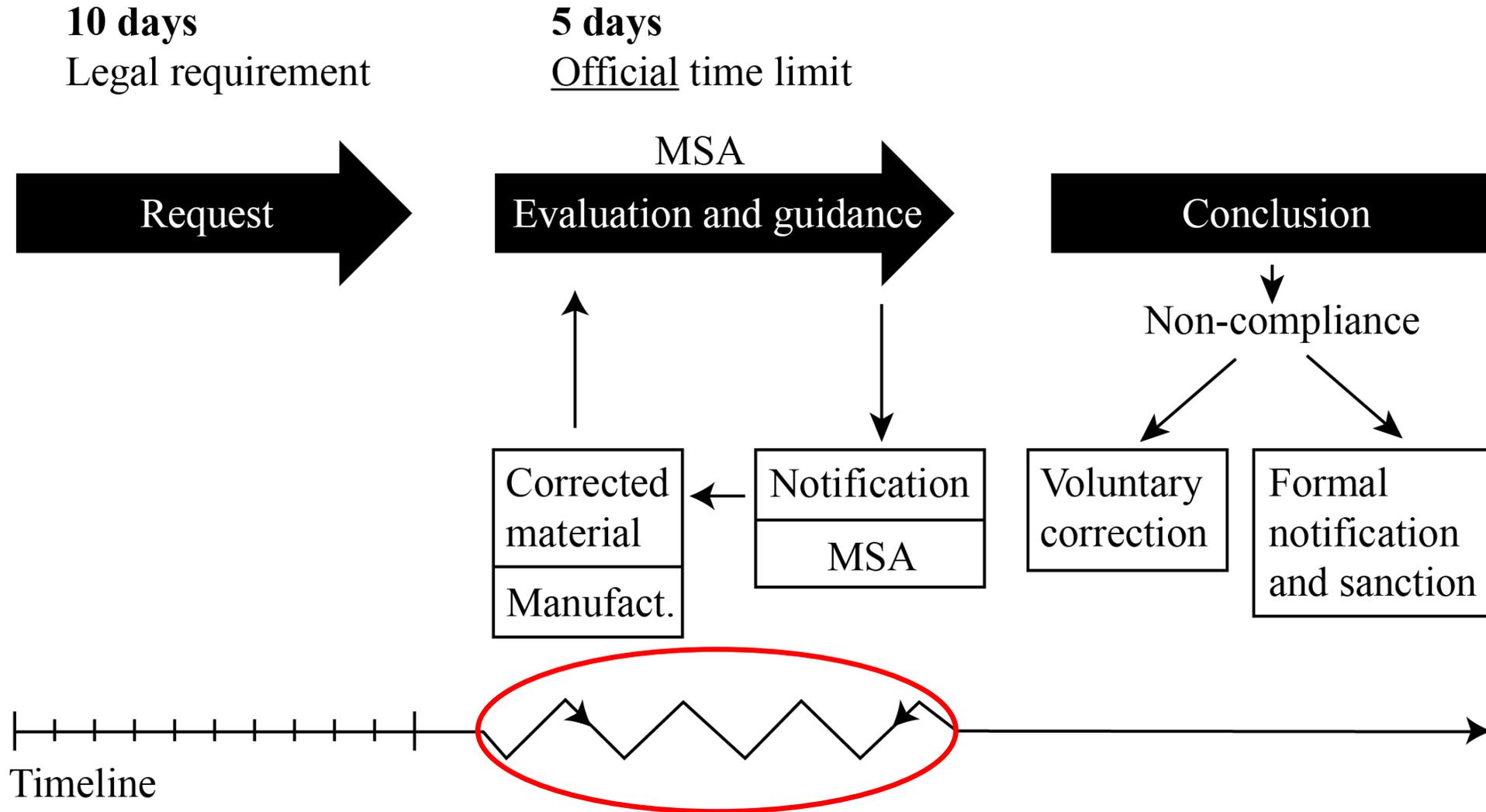
Ecopliant
Denmark



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

Notes: 1) Motors, water pumps and circulators. 2) Dishwashers and washing machines.
3) TV-sets and external power supplies. 4) Lamps and ballasts

Enforcement by inspection of documents



Using a carrot instead of a stick



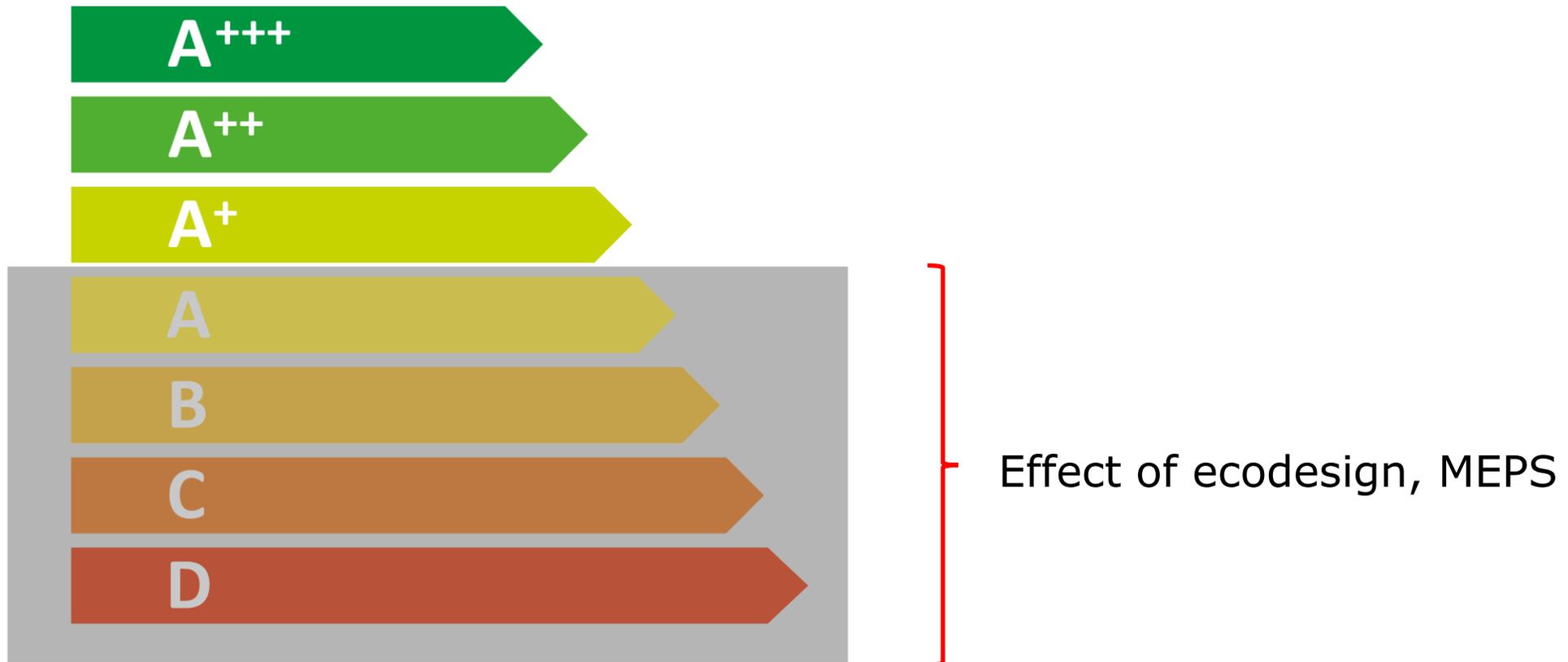
Guidance of manufacturers and importers are prioritised in Danish market surveillance

- Written guidelines
- Customised tutorial sessions
- Focus on reaching SMEs

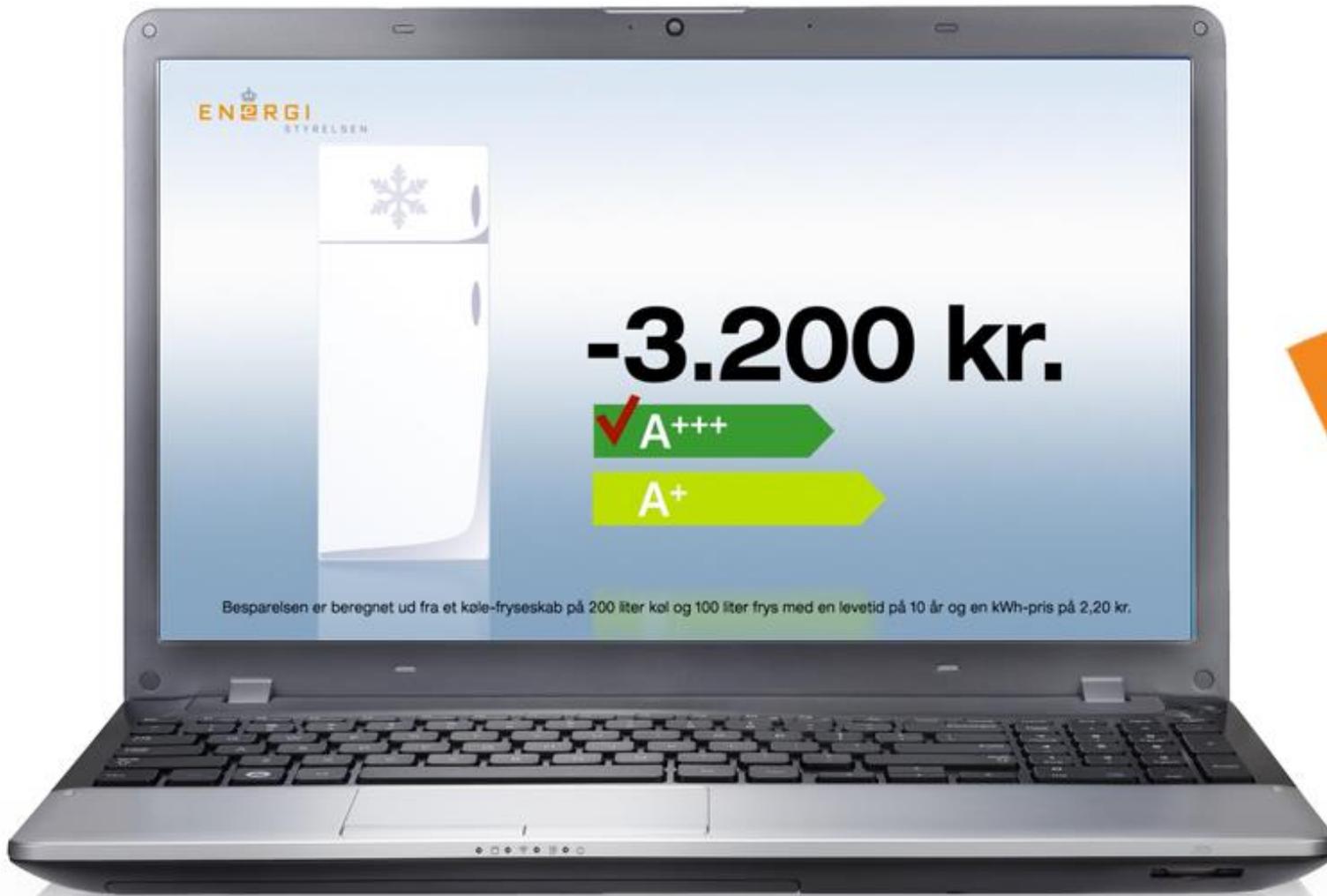
Closer contact to MSA results in higher awareness at manufacturers

Can consumers make an energy efficient choice?

Label example: Refrigeration appliances



Pull-activities towards retail



Spørgeskema om vaske- og opvaskemaskiner samt tørretumblere

Se filmen og svar på spørgsmålene

Thumbnail description: A video thumbnail showing a washing machine with a price tag of '6.400 kr.' and energy efficiency ratings 'A++' and 'B'.

Spørgsmål

1. Hvor mange piktogrammer findes der på vaskemaskiner? *
2. Alle vaskemaskiner med en kapacitet på over 3 kg. skal have følgende vaskemåne *
3. Bruger store maskiner mere energi end små maskiner? *
4. Hvor mange kilo tøj vasker en dansker i gennemsnit pr. uge? *
5. Hvor mange penge kan kunderne spare på etregningen ved at vælge en 7 kilos vaskemaskine mærket A+++ fremfor A-? *
6. Hvad er dit...

3 videos: 1) Refrigeration/ovens 2) wet appliances, 3) televisions

Responses from market operators

Not all manufacturers respond to the "soft approach"

– continuous non-compliance revealed

- Market surveillance performed strictly "by the book"

Retailers embrace our offer to educate about energy efficient products

Any questions

???

Discussion points

- Do you know of other MSAs practicing a soft approach in order to achieve a more cost-effective market surveillance or a higher % of compliance?
- Is it a job for MSA to qualify and make detailed/specific guidance?
 - and if so, towards whom: producers, importers, retail-employees, consumers