

# The role of market surveillance and testing for product policy

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# Contents

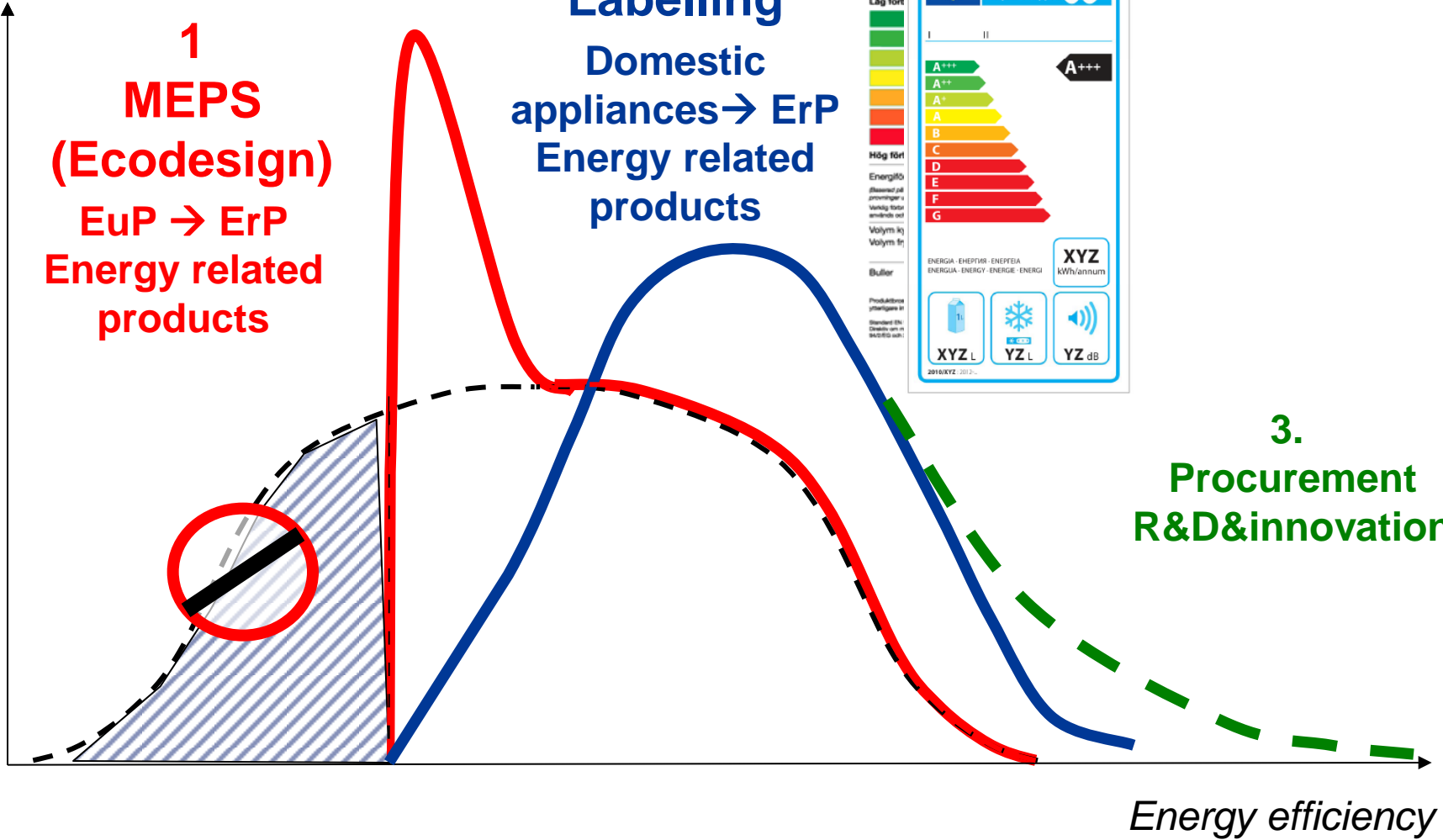
- **Why and when independent product testing?**
- **How testing is organised at the Swedish Energy Agency**

# products

**1**  
**MEPS**  
**(Ecodesign)**  
EuP → ErP  
Energy related  
products

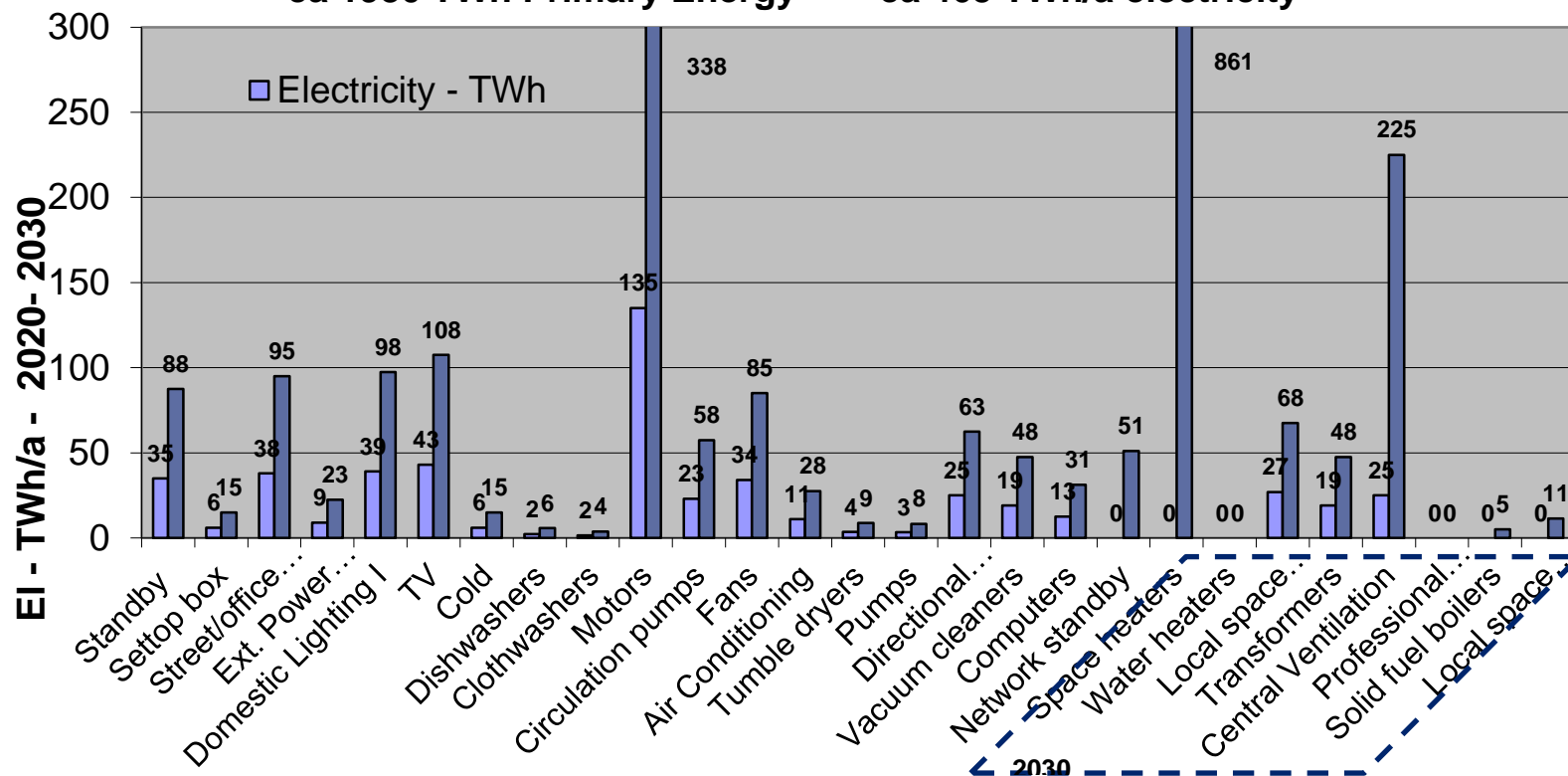
**2.**  
**Labelling**  
Domestic  
appliances → ErP  
Energy related  
products

**3.**  
**Procurement**  
**R&D&innovation**



## Ecodesign & Labelling, Savings 2020/2030 in EU \*

ca 1930 TWh Primary Energy      ca 465 TWh/a electricity

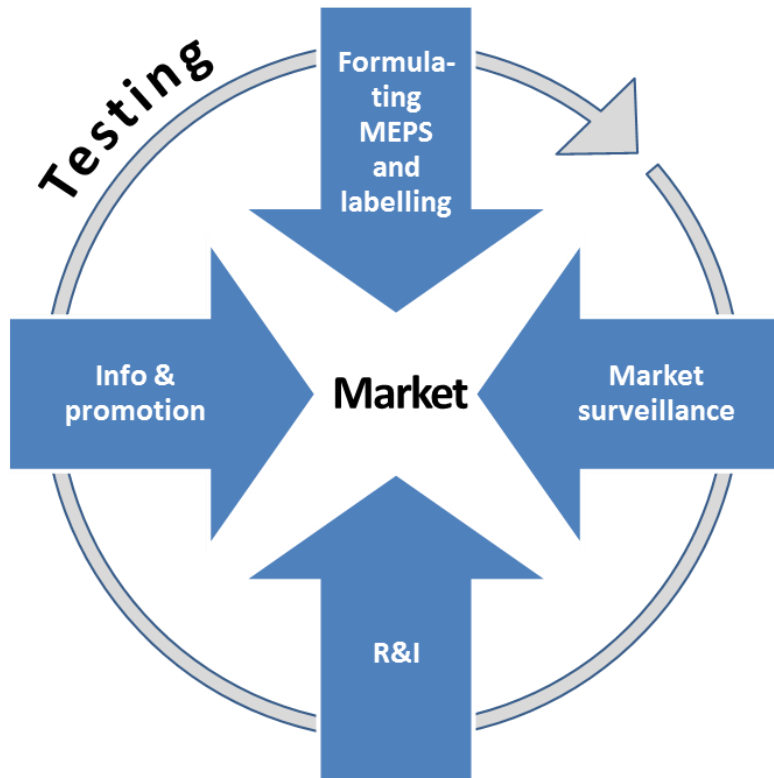


\* Swedish Energy Agency based on data from EU-Commission. Includes some double counting

***If market surveillance is carried out .....***

# Testing for what?

# When?



Standardized information not available

Suspicious about the quality of the information

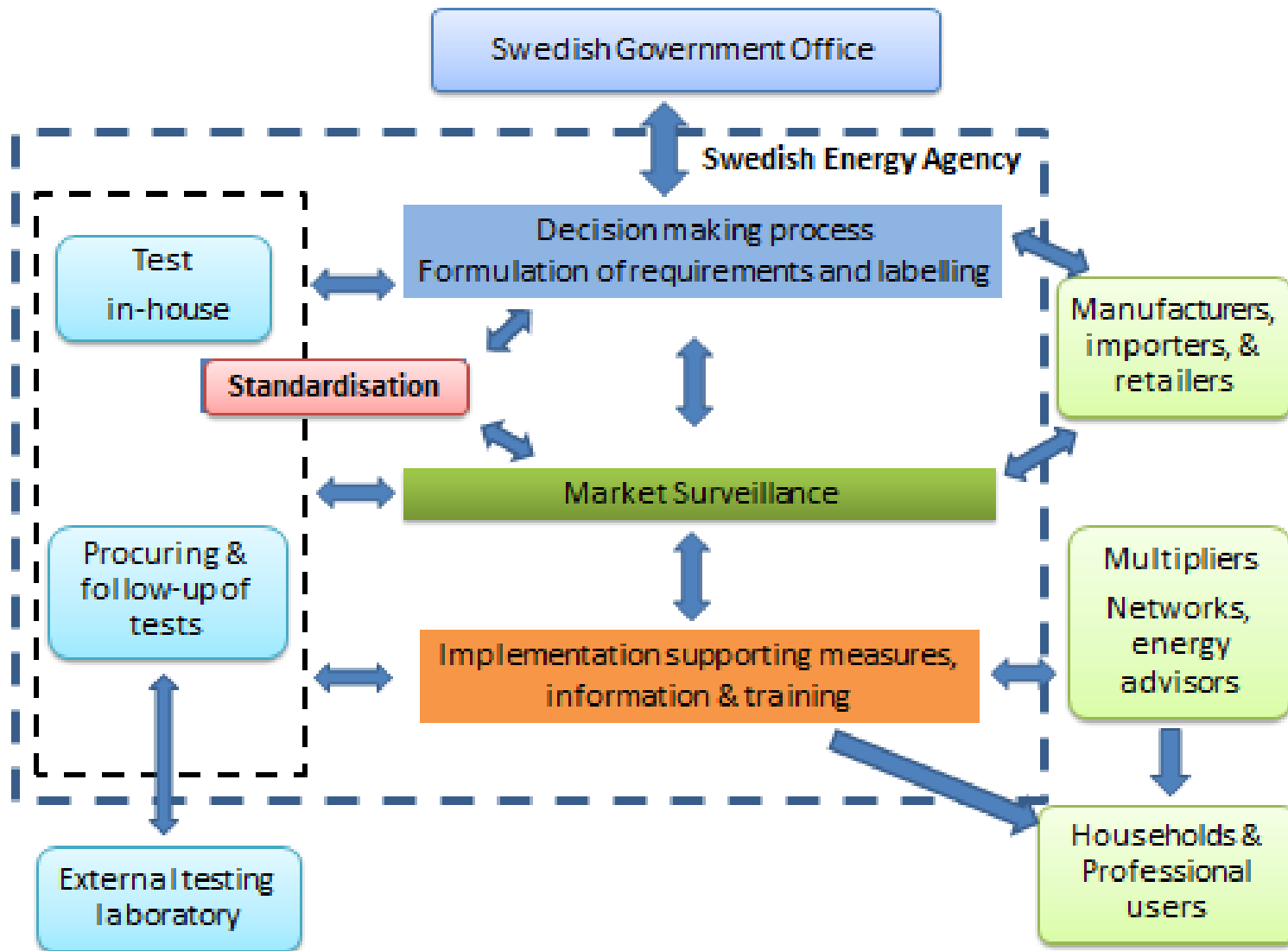
- metrics and the stringency of the requirements
- appropriateness of the test methods in terms of verifiability

Develop technical guidelines  
Transitional methods

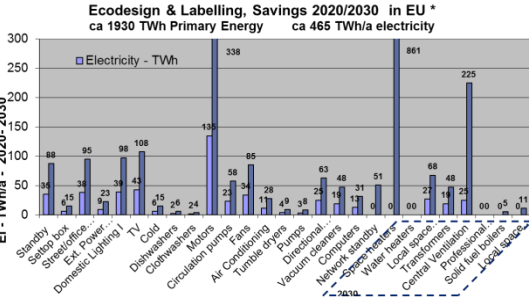
New approaches incl. for complex products:

- Measurements *in-situ*, system approaches, screening tests, as well as control of technical documentation and inspections

# How to organise testing? The Swedish case

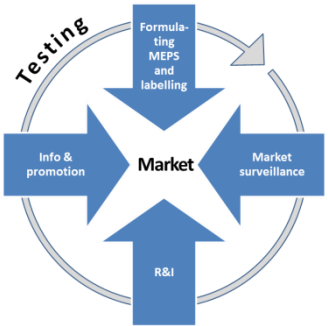


# Conclusions



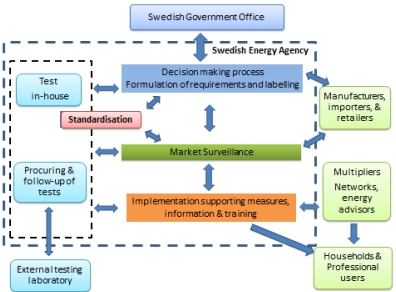
**Increased need for testing**

- Quantity of regulated products
- Complexity; product to system, resource efficiency



**Authorities need expertise in testing and metrics**

- Formulating the requirements & ensuring their implementation and their enforcement
- Participate in standardization processes



**in-house testing generates this know-how**

Thank you!

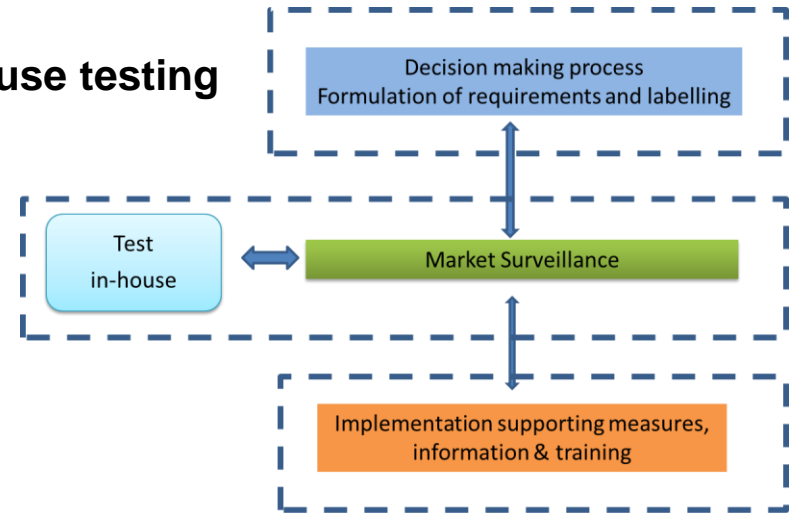
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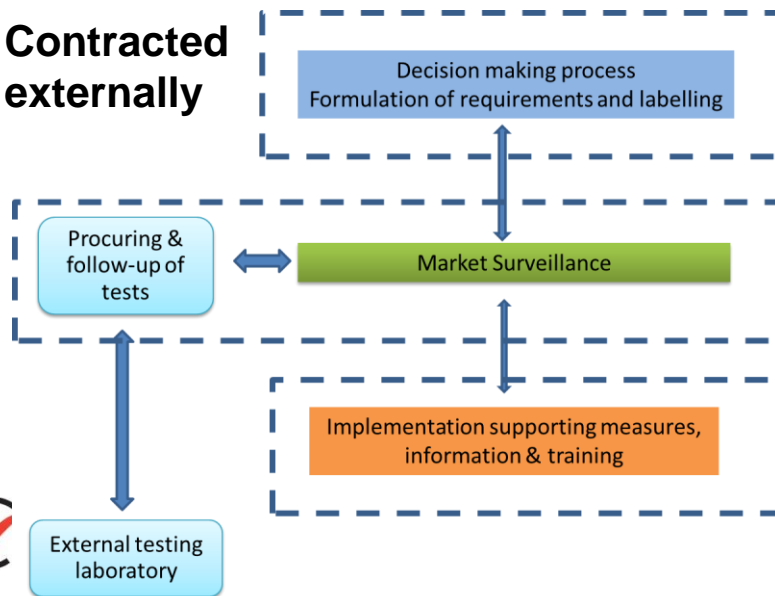
# Part II: How to organise testing?

- Most common: Focus on market surveillance
- 3 basic types

## In-house testing



## Contracted externally



## Procurement contracted externally

