

Comments from SEA

How will these approaches benefit policy and programme development and how they can be used?

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Three topics:

1. *Policy evaluation*
2. *Market enforcement*
3. *Improved policy design*

Three topics:

1. *Policy evaluation*

Regulations

How everything is related...

Behavioural studies

Data

MEPS



Technical data

How do the producers reason?



Energy labels

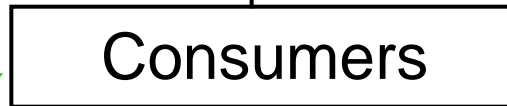


Sales data

How do the retailers reason?



What govern the consumers at the moment of purchase?



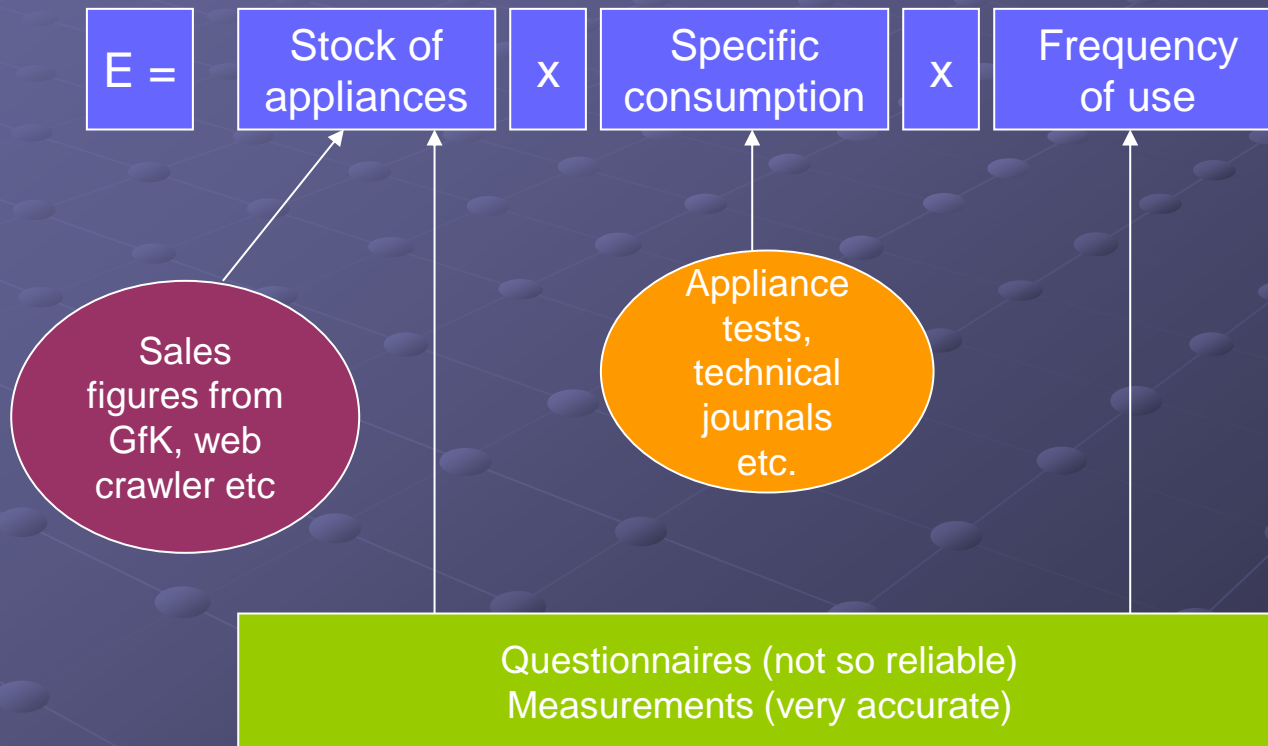
User data

What govern the consumers when they use the appliances?



Procurement incentives etc...

Bottom-up model from DK



Policy evaluation

- Track the development of energy use
 - Aggregated level
 - Residential sector, Public sector, etc
 - Detailed level
 - Per household, Per appliance type, etc
- Attribute changes/improvements to policies
 - What is the *base* level? BAU
 - A true Bottom-up model is best... but cumbersome
 - Tracking the market is second best (or?)... sales, price and performance.

Policy evaluation cont

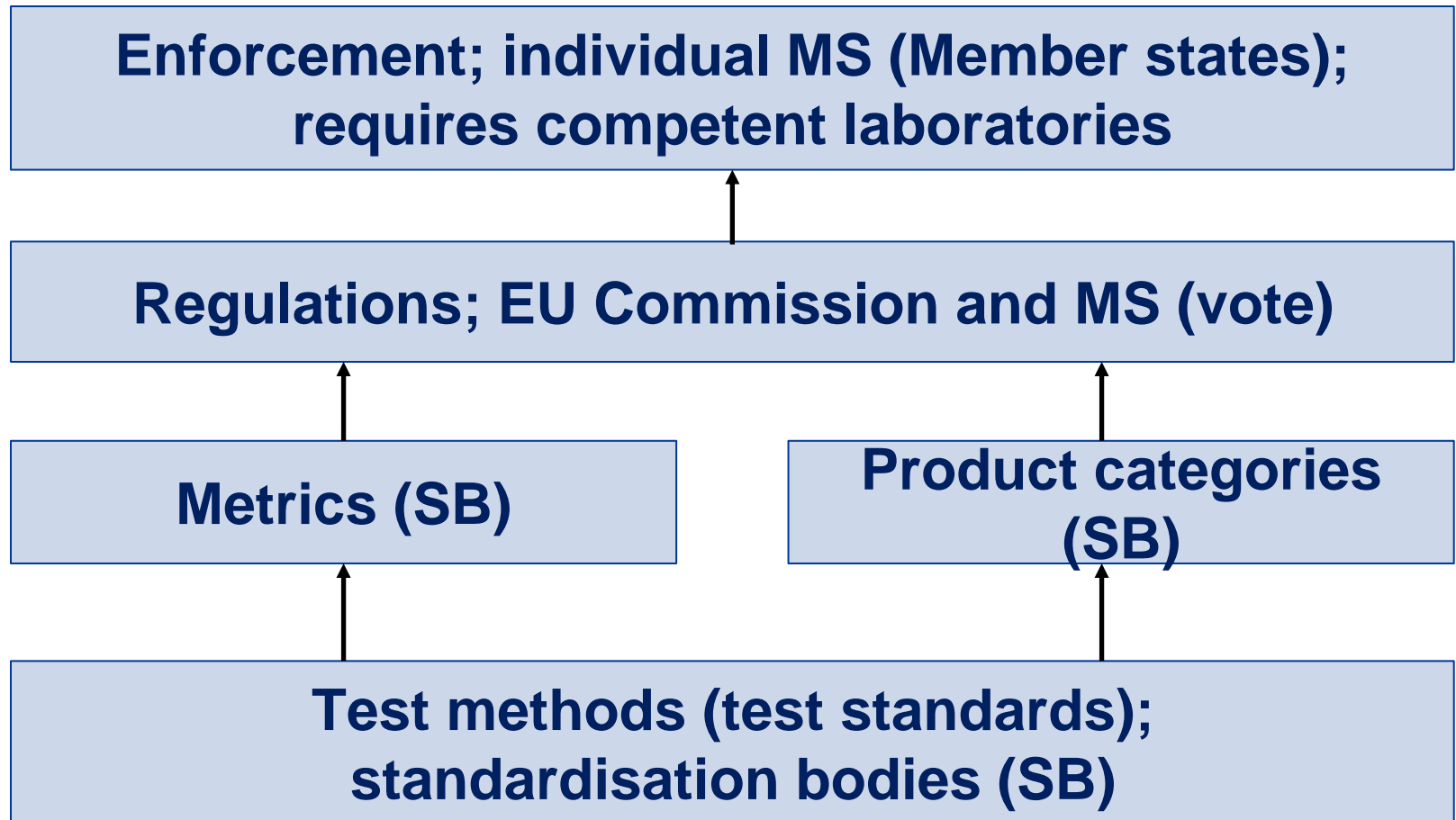
- The data source doesn't matter...or does it?
 - Market coverage
 - Degree of details
 - Time resolution
 - Recent or old data
- What kind of policy?
 - MEPS and labels: doesn't matter...?
 - Incentive or procurement programs; campaigns (think SEAD, GLC etc): matter!

Three topics:

2. Market *enforcement*

4^E

From Test Methods to Enforcement *(using the EU as an example)*



Market enforcement

Compliance:

- Testing (very expensive)
- Documents
- Labels
- In stores and at the Internet

Two main principles of sampling:

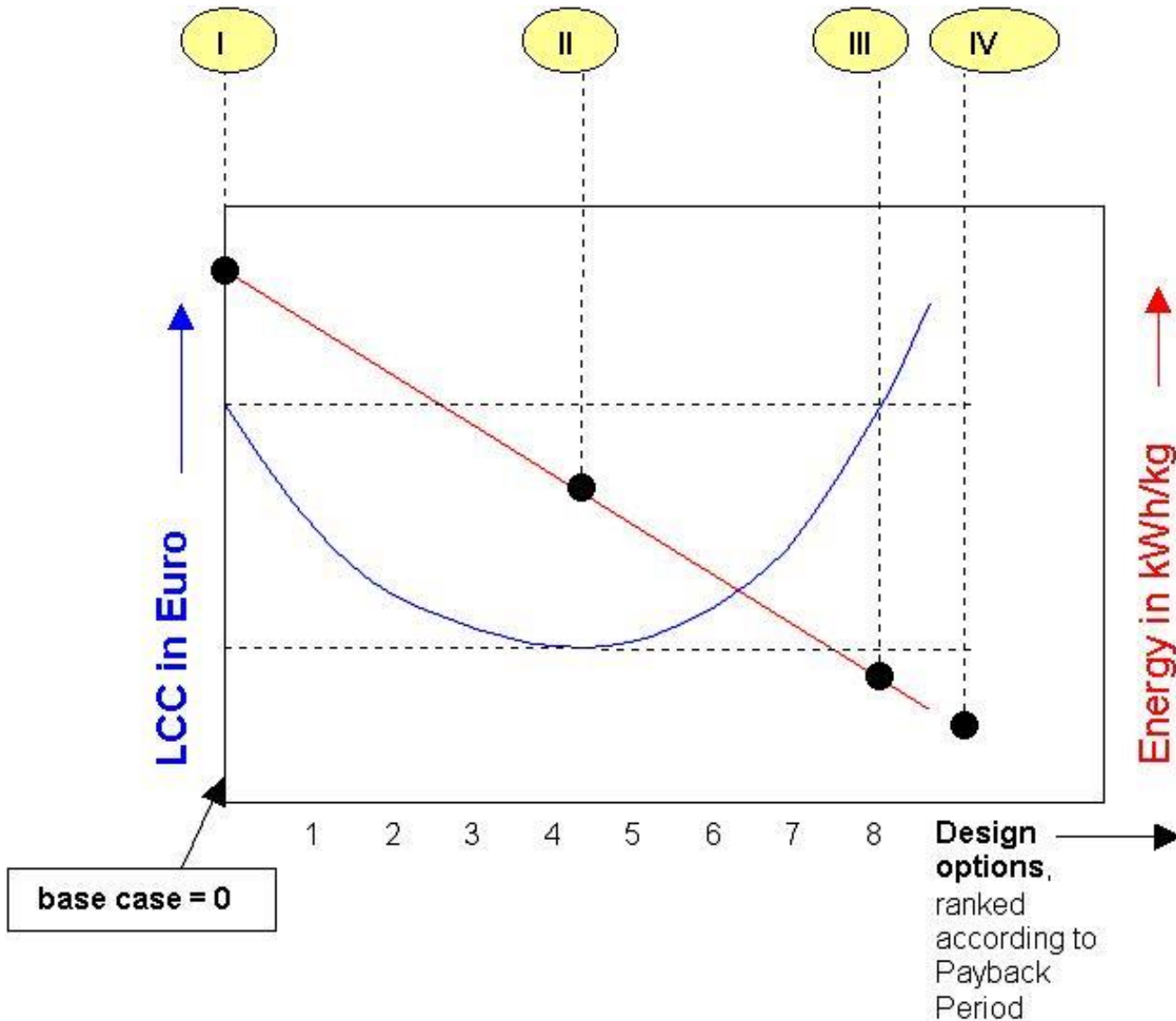
- Random selection
- Targeted selection

... but requires knowledge about what's on the market!

Three topics:

3. *Improved* policy design

LLCC (Least Life Cycle Cost)



Improved policy design

- MEPS:
 - In EU: MEErP (Methodology for the Ecodesign of Energy-related Products)
 - Seek the Least Life Cycle Cost (LLCC)
 - Problems:
 - Purchase price almost always over-estimated
 - Difficult to project energy prices
- Campaigns:
 - Launch a prize, track the sales and impact in real time...