



Resource Policy – BWR 7

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From policy to instruments

(Inter)National level:

Resource efficiency – reducing waste – reducing extra-EU imports

Building level:

Building performance – getting more on board than a few “front runners”

Product level:

Useful information vs. “green washing”

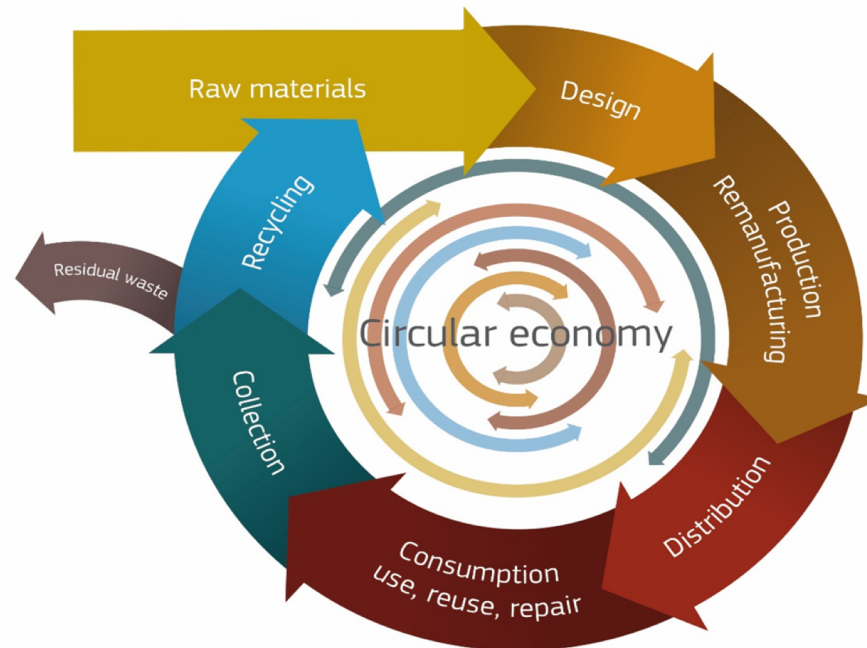
(Inter)National level:

**Resource efficiency – reducing waste – reducing
extra-EU imports**

From a Linear Economy...



... to a Circular Economy



Priority sectors

- **Construction / Demolition**
- **Plastics**
- **Food Waste**
- **Biomass & Bio-based Products**
- **Critical Raw Materials**

CDW management – EU support

- **EU Guidelines for audits before demolition of building**
- **EU Construction and Demolition Waste Management Protocol**
- **Study: Fostering investment and innovation in CDW recycling infrastructure**



Building level:

Building performance – getting more on board than a few “front runners”

Sustainable buildings



A reporting tool

It should:

- Be voluntary
- Be simple, avoiding too many indicators
- Be comprehensive enough to avoid burden shifting
- Be possible to use as a module in certification schemes
- Support environmental instruments (e.g. GPP)

It should NOT:

- Set EU wide benchmarks
- Be used for EU certification

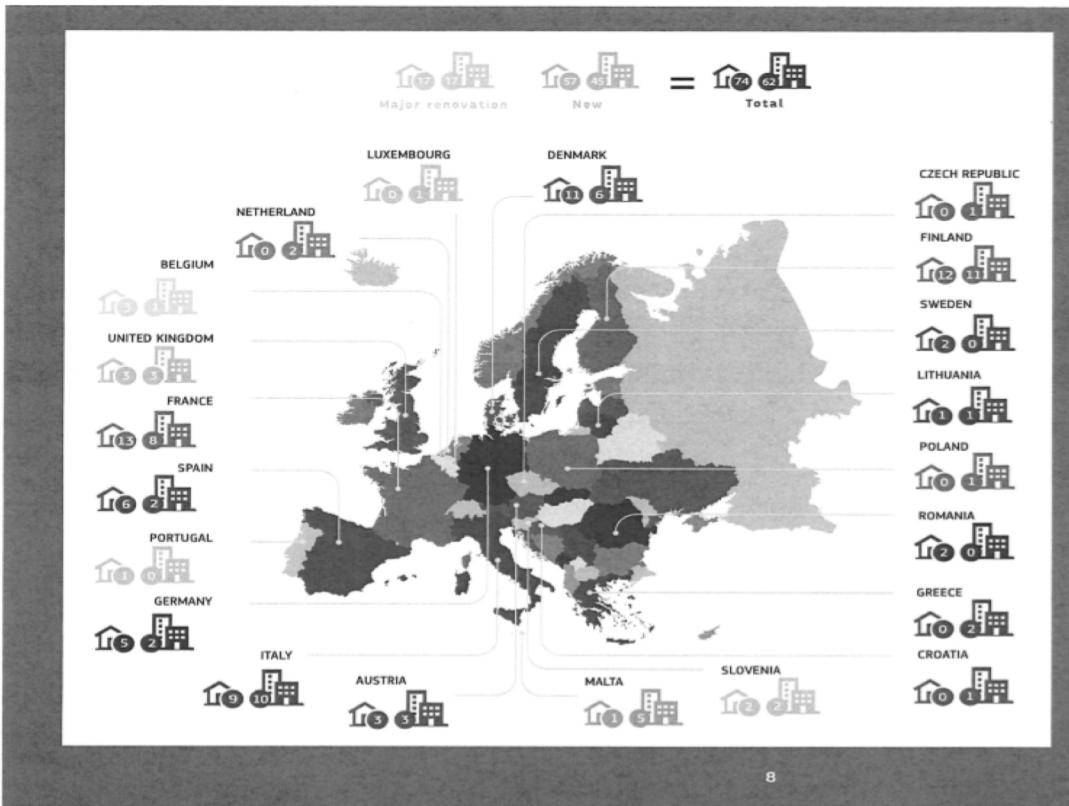
Macro-objectives

- Greenhouse gas emissions along the buildings life cycle**
- Resource efficient material life cycles**
- Efficient use of water resources**
- Healthy and comfortable spaces**
- Adaptation and resilience to climate change**
- Optimised life cycle cost and value**

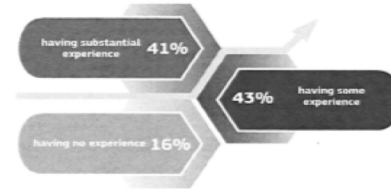
Practical test - participation

LEVEL(S): OVERVIEW OF THE TESTING PHASE

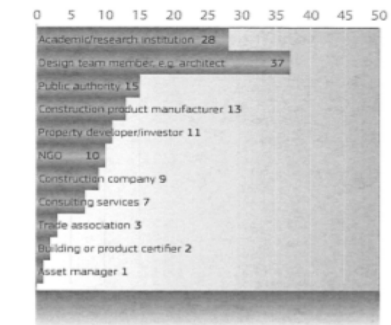
Of the projects testing Level(s), 74 are residential and 62 are non-residential - which provides important balance in terms of the community shaping Level(s).



The experience with sustainable building rating tools or lifecycle assessment varies between the organisations testing Level(s)



The type of organisations leading Level(s) testing projects moreover varies across the construction and real estate value chain.



Feedback so far ...

- User-friendly tools
- Comparability with existing methodologies
- Access to data/data quality

Next steps

- Testing framework in practice (2017-2019)
 - **Analysis of results autumn/2019**
- Fine tuning/developing reporting tool (2019)
- Publication to the public (2020)

Product level:

Useful information vs. “green washing”

Products – CPR – BWR 7

Construction Products Regulation (BPR):

Harmonised European product standards (hEN)

Declaration of Performance (DoP) based on Basic
Requirements for Construction Works (BWR)

BWR 7: “Sustainable use of natural resources”

BWR 7 – in hENs

Standardisation work in CEN TC 350

2019: Second generation of ENs for assessing/declaring BWR 7 relevant characteristics

How to address BWR 7 in product standards?

Using national data for DoP on sustainable use of natural resources:

- comparable if using different national databases?
- DoP useful when entering another national market?



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Background information

http://susproc.jrc.ec.europa.eu/Efficient_Buildings/

[http://ec.europa.eu/environment/eusdd/pdf/LEVEL\(S\)%20CONFERENCE%20REPORT.pdf](http://ec.europa.eu/environment/eusdd/pdf/LEVEL(S)%20CONFERENCE%20REPORT.pdf)

<http://ec.europa.eu/environment/eusdd/buildings.htm>

http://ec.europa.eu/europe2020/index_en.htm

http://ec.europa.eu/environment/waste/studies/mixed_waste.htm

Background information

http://ec.europa.eu/growth/toolsdatabases/newsroom/cf/itemdetail.cfm?item_id=8985

http://ec.europa.eu/growth/content/eu-construction-and-demolition-waste-protocol-0_en

<https://ec.europa.eu/docsroom/documents/31021?locale=en>

<https://ec.europa.eu/docsroom/documents/29203?locale=en>