



**→ CEN/TC 351 Construction Products -
Assessment of Release of Dangerous
Substances**

Jeroen Bartels – CEN/TC 351 Chairman

Scope of CEN/TC 351

Development of:

- **horizontal** standardised assessment methods
- for **harmonised** approaches
- relating to the **release**
- of **regulated** dangerous substances
- under the **CPD** taking into account
- the **intended conditions of use** of the product

Emission to indoor air and release to soil, surface water and ground water (mandate M/366 to CEN)

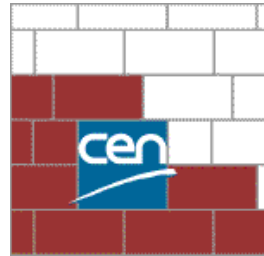
Relevance

- **Products** and product groups that are mandated under the CPD → **CEN/TCs to adapt Annex ZA**
- **Producers** that place products on the market in Member States with regulations regarding DS from or in construction products → **to decide on intended use and to declare class or value**
- **National method** for assessment of release of DS → **to be replaced by (horizontal) harmonised European method**

Substances

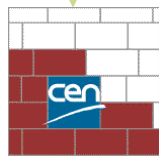
- Commission's database on regulated dangerous substances:
Substances that are **now** under **notified national** regulations or under **European** regulations
- Access through mirror committees of NSB's
- Review of existing product mandates to incorporate DS in harmonised standards

Structure of CEN/TC 351



CEN/TC 351 plenary

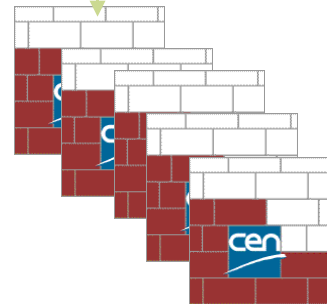
(2009)



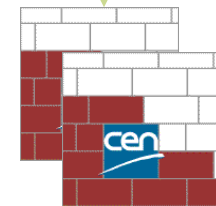
WG 1 Release from construction products into soil, ground water and surface water



WG 2 Emissions from construction products into Indoor



5 TG's: Barriers to trade, Horizontal testing, WT/WFT, Complement to sampling, Content



Continuation of TG 3 WT/WFT, TG 6 Radiation, Validation

Maybe: Statistical issues, Conditions for microbiological growth

Work Programme (Phase 1)

- Technical Reports:
 - Barriers to trade: **Published; addendum on barriers to use on request of the Commission**
 - Horizontal testing: **Redrafted, final before end 2009**
 - Without testing and Without further testing: **Published; connection with administrative procedures under discussion**
 - Complement to sampling: **Final before end 2009**
 - Content: **Draft TS is out for commenting**
- WG 1: Horizontal test methods for leaching to soil, ground and surface water: **draft TS to be finalised**
- WG 2: Horizontal test methods for emission into indoor air: **draft TS available**

Phase 2

- TG Radiation: based on recommendation of EGDS
- TR 4: implementation of test methods in harmonised standards
- WT/WFT: procedures
- Amendment of product mandates

Validation!!!

Validation: CEN Guide 13

→ Draft standard (draft TS, not public)



→ Ruggedness testing (intra laboratory testing, checking test parameters)

→ Data analysis

→ Testing by expert laboratory



→ Amended draft standard (TS, public document)

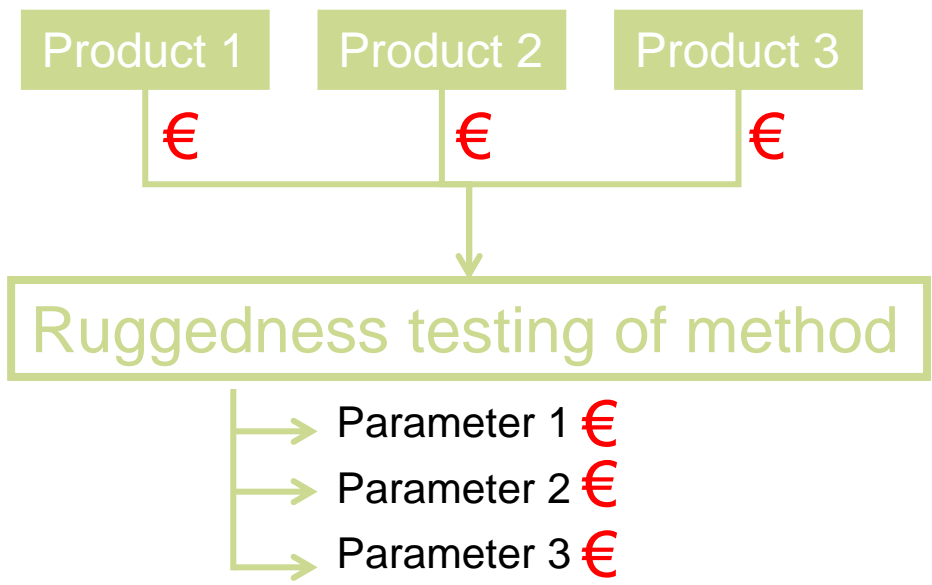


→ Reproducibility/repeatability (interlaboratory testing, checking quality of the test method)

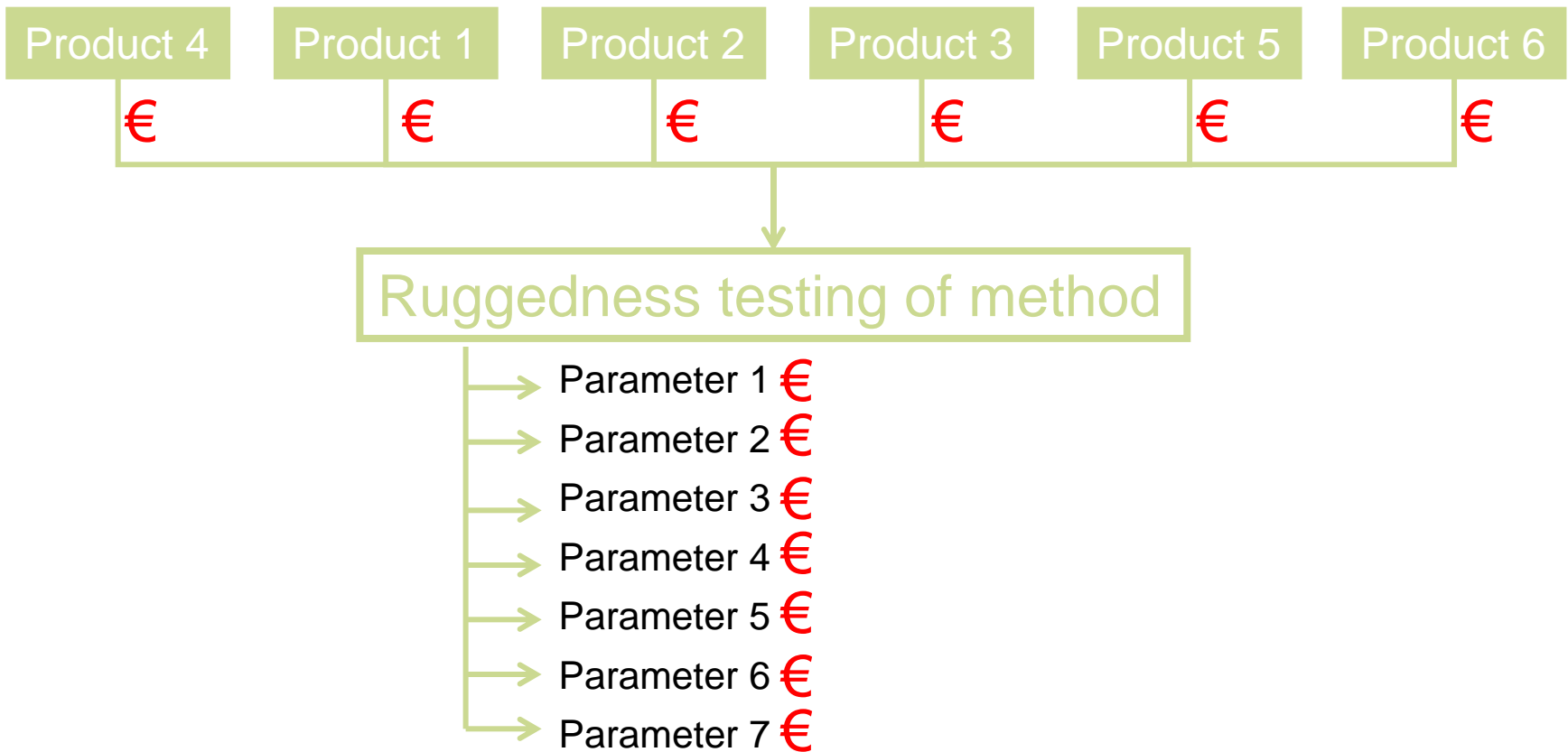


→ Standard (EN)

Costs



Costs



Approach

- Financing of data analysis
- Optimisation of number of products/parameters
- Budgeting of ruggedness testing
- Execution of ruggedness testing
- Adaptation of draft TS

Based on results ruggedness testing

- Optimisation of number of products/laboratories
- Budgeting of reproducibility/repeatability
- Execution of round robin testing
- Finalisation of standards



Execution

- Co-ordination by ISPRA
- Data analysis a.s.a.p after agreed financing
- Budgeting phase 2 under way

Timeframe (indicative)



Start of validation on draft TSs (data analysis and ruggedness)	2009
Elaborate results in TS and publish prEN for enquiry or UAP	2011
Finish and publish ENs	2012
Adapt product standards and national regulations	> 2011



More information

CEN/TC 351 secretariat:

Annemieke Venemans M.Sc.

E-mail annemieke.venemans@nen.nl

NEN Construction

Phone +31 15 269 02 80

Telefax +31 15 269 02 53

www.centc351.org