



Environmental information in CE marking What can we expect?

Oscar Nieto 12/09/2019

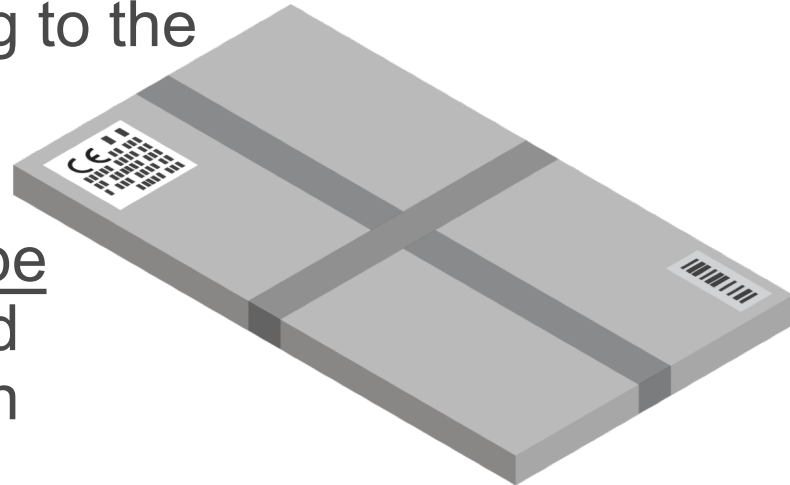
CE marking meaning

The performance of this construction was assessed in accordance with a harmonised technical specification.

Compulsory for the European market (hEN)


Performance only possible according to the harmonised system described in the harmonised technical specification

Member States national rules must be aligned to the declaration in hEN and cannot request additional information



Common technical language

European Commission requested the update of EN 15804 to their requirements – Single European approach

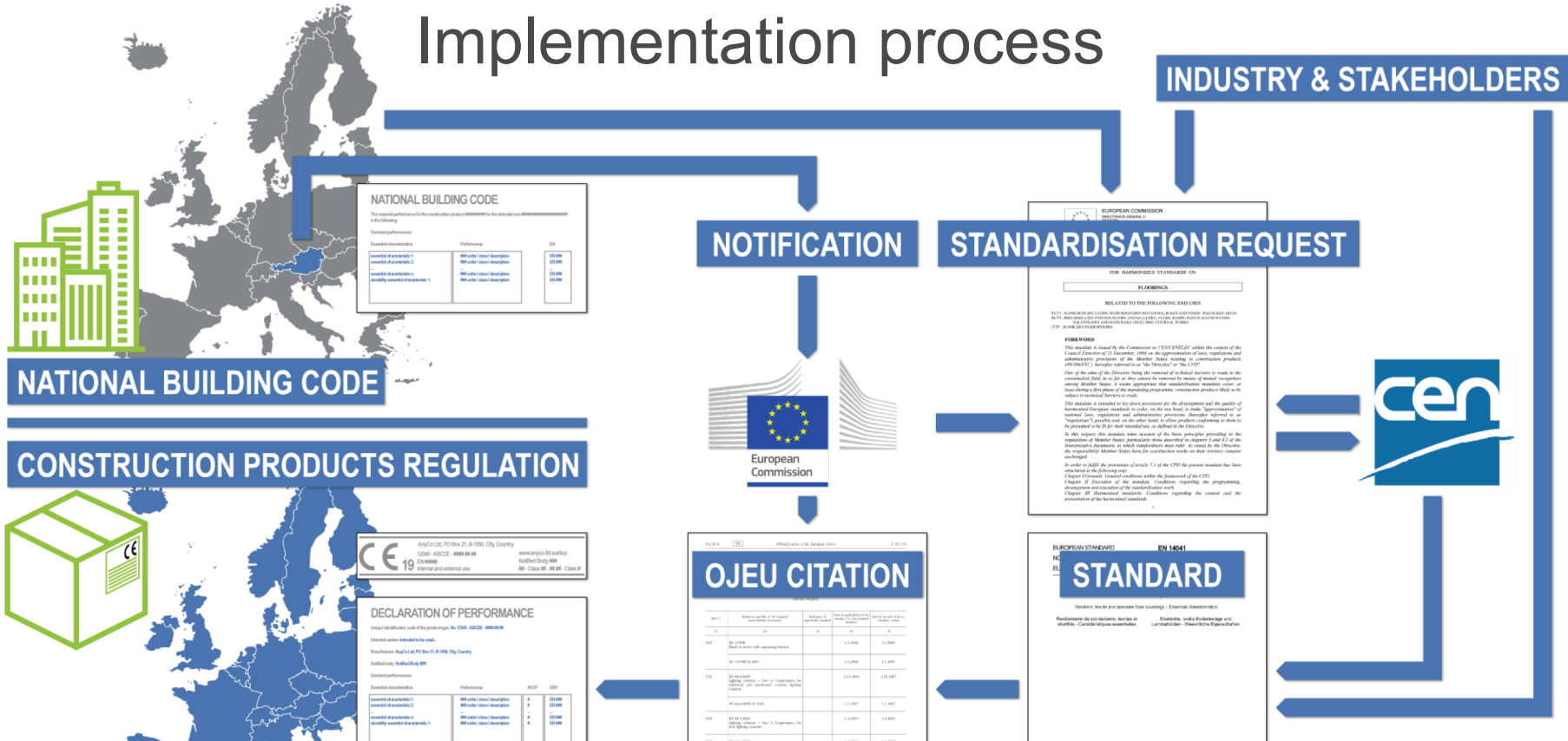


Harmonised standards to follow
amended EN 15804 for the assessment
and declaration

Unique declaration of performance (DoP) at
European level (no National approaches)
including required third party tasks

Single market free of barriers to trade

Implementation process



NATIONAL BUILDING CODE

The required performance for the construction products addressed by the standard as an implementation measure in the Member State

Essential characteristics	Performance	ACCP	MSD
essential characteristic 1	MSD value (class description)	#	EN 499
essential characteristic 2	MSD value (class description)	#	EN 499
essential characteristic 3	MSD value (class description)	#	EN 499
essential characteristic 4	MSD value (class description)	#	EN 499

CE 19

AnyGUSE PO Box 21, B-1000, City, Country
 1200 - ANCOE - 8888 88 88
 www.anyguse.com
 Notified Body
 Notified Body 1988
 Notified Body 1988
 Notified Body 1988

DECLARATION OF PERFORMANCE

Used in accordance with the provisions of EN 10545-5:2005

Manufacturer: AnyGUSE PO Box 21, B-1000, City, Country
 Notified Body: Notified Body 1988

Essential characteristics	Performance	ACCP	MSD
essential characteristic 1	MSD value (class description)	#	EN 499
essential characteristic 2	MSD value (class description)	#	EN 499
essential characteristic 3	MSD value (class description)	#	EN 499
essential characteristic 4	MSD value (class description)	#	EN 499

OJEU CITATION

MSD 1	Minimum value to be declared	Minimum value to be declared	Value of the product to be declared	MSD 2	Minimum value to be declared	Value of the product to be declared
MSD 1	EN 12345	EN 12345	1.2345	MSD 2	EN 12345	1.2345
MSD 2	EN 12345	EN 12345	1.2345	MSD 3	EN 12345	1.2345
MSD 3	EN 12345	EN 12345	1.2345	MSD 4	EN 12345	1.2345
MSD 4	EN 12345	EN 12345	1.2345	MSD 5	EN 12345	1.2345

EUROPEAN STANDARD EN 1041

STANDARD

Standard, text in prose form for coverage - Essential characteristics

Reference to standards, parts of standards, tables, diagrams and illustrations - Essential characteristics

Ongoing process for: reinforcing steel, solid fuel stoves, windows & doors, gypsum products and thermal insulation

Third party tasks

CPR determines required third party tasks for the assessment in this case AVCP system 3 (ongoing discussion)

	Manufacturer	Notified Body	AVCP system	1+	1	2+	3	4
Factory production control (FPC)		<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assessment of the performance		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Initial inspection (plant and FPC)		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Continuous surveillance, assessment and evaluation of FPC		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Audit — testing of samples taken by the Notified Body		<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bodies notified by Member States to perform third party tasks

Single market for Notified Bodies (manufacturer's choice)

AVCP system 3: Notified body to assess the performance

Program operators current activities not aligned to the regulatory approach

Single European declaration

Problem – Single declaration at EU level to fit National needs

National declaration is not possible within the CPR framework

Harmonised common rules (PCR) per product family:

- Scenarios – “parametric” declaration
- Reference service life and functional/declared unit
- Modelling details to be implemented

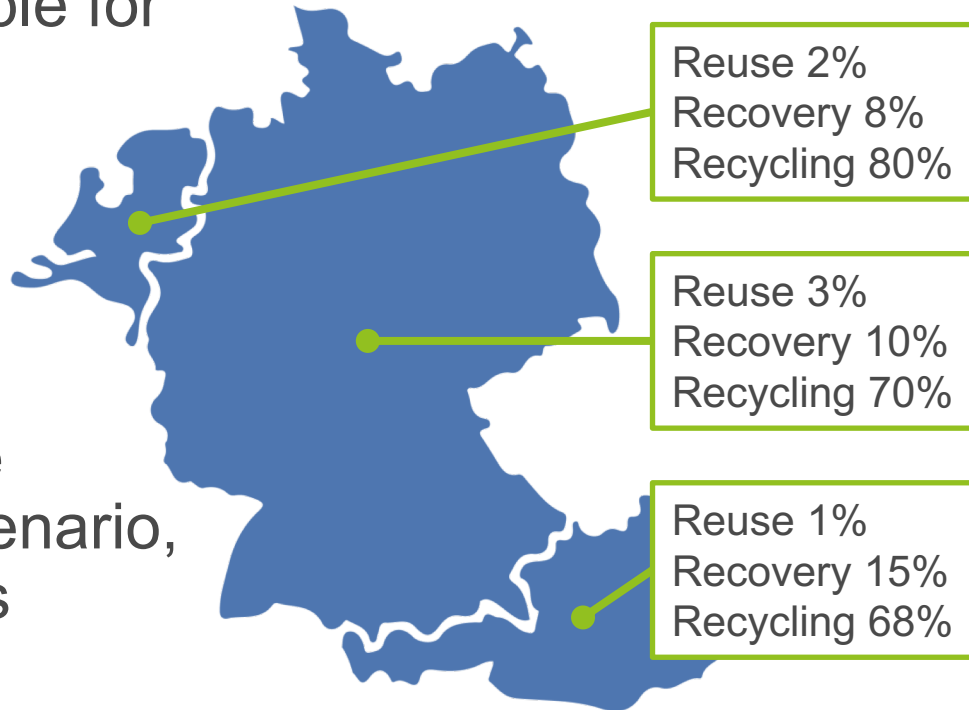
Alignment to Member States’ requirements in an early stage

Single European declaration to fit National needs

“Parametric” approach example for
module C3:

- C3 full reuse scenario
- C3 full recovery scenario
- C3 full recycling scenario

During the assessment of the
building the most relevant scenario,
or the combination of them, is
selected



Other pending issues

CPR provides options to the declaration

Declaration of NPD (no performance determined) for the full table unless

- there is a National requirement
- the information is declared in other document

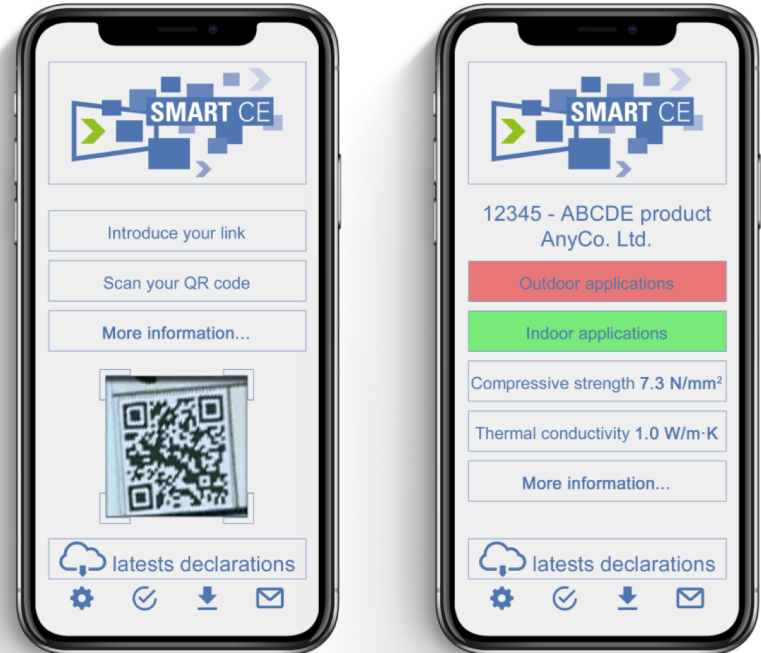
Sharing and cascading allowed – applicable for “sectoral” EPD under a contractual agreement and for products manufactured from components

Information delivery and use

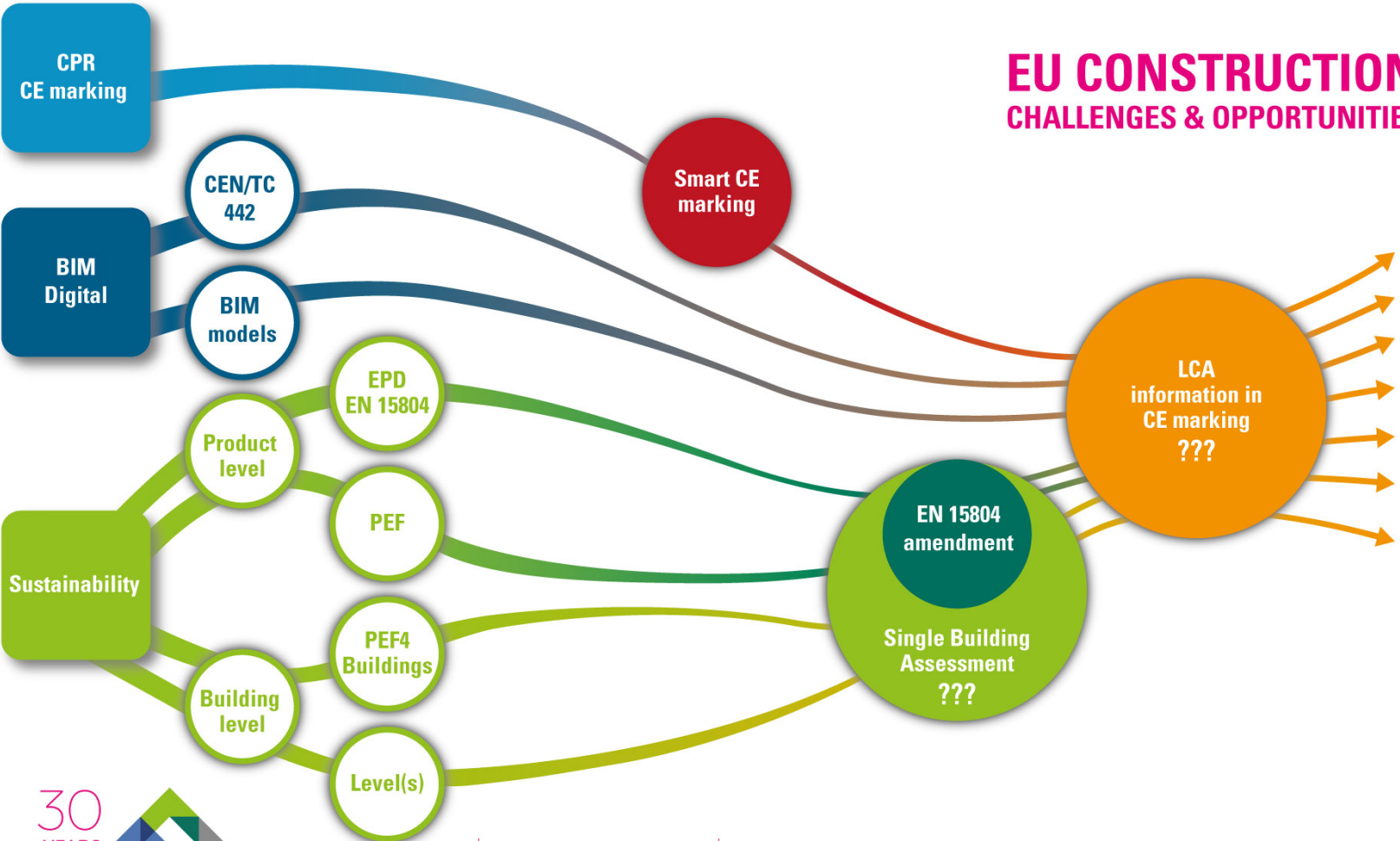
EPD information is too complex and long for PDF documents

Data to be provided in a computer readable way to be used for building assessment

CPR allows this approach as it is being implemented in coordination with BIM developments – Smart CE®



EU CONSTRUCTION CHALLENGES & OPPORTUNITIES



30
YEARS
ANNIVERSARY



CONSTRUCTION PRODUCTS EUROPE
LET'S BUILD AN EFFICIENT EUROPE

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