

# Kokemuksia Acquis prosessista

Rakennustuotteiden sisämarkkinajärjestelmä uudistuu -seminaari 11.4.2024  
Janne Kihula

# SUB-GROUP #1

## PRECAST NORMAL/LIGHTWEIGHT/AUTOCLAVED AERATED CONCRETE PRODUCTS

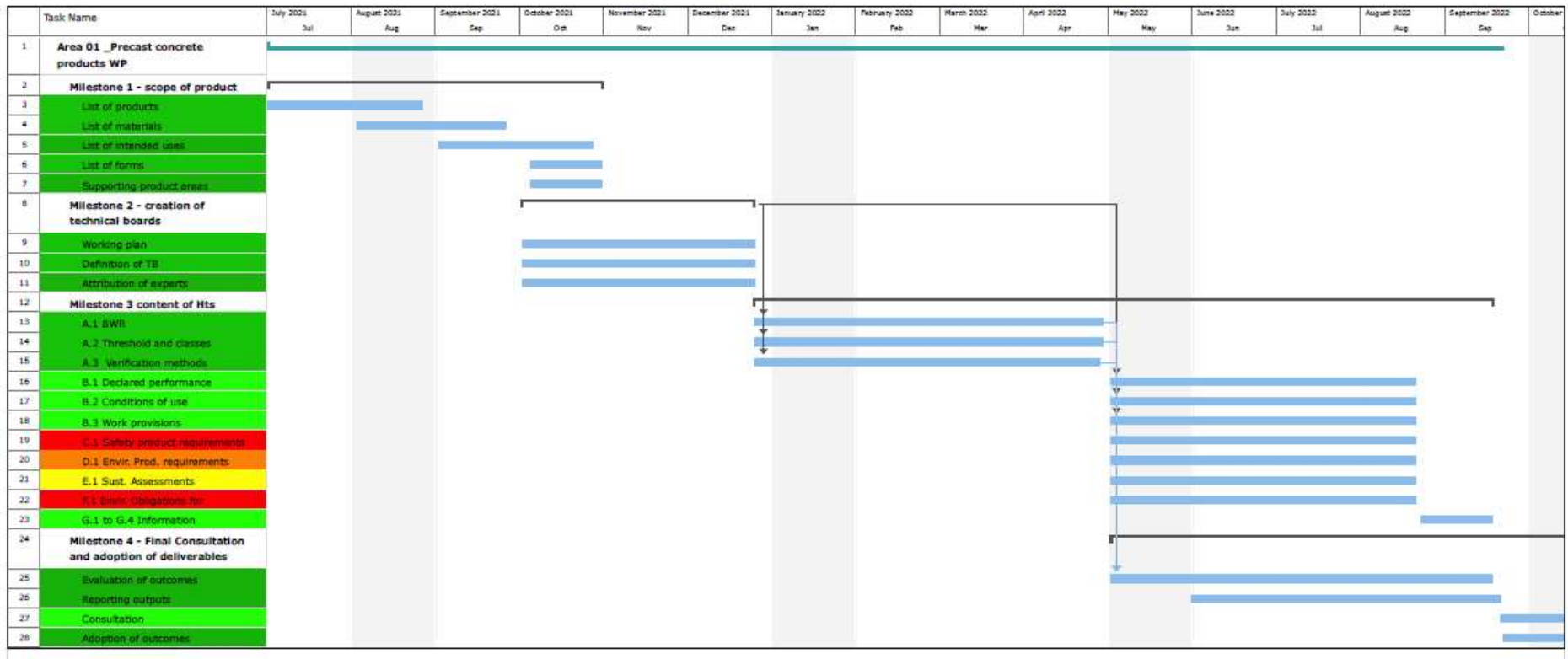
- Betonielementtutuotteet valittiin toiseksi pilottiryhmäksi (toinen rakenteelliset metallituotteet)
- Osallistunut työhön teollisuuden asiantuntijan roolissa (myös RTT/SR017 kautta)

Rank	Product families
1	M100 Precast concrete
2	M120 Structural metallic
3	M115 Reinforcing steel
4	M101 Doors, windows
5	M114 Cement
6	M103 Thermal insulating
7	M112 Structural timber
8	M128 Concrete, mortar &
9	M116 Masonry
10	M125 Aggregates
11	M109 Fixed fire fighting
12	M124 Road construction
13	M119 Floorings
14	M489 ETICS
15	M108 Curtain walling

16	M113 Wood based panels
17	M104 Structural bearings
18	Kits and assembled products
19	M121 Wall and ceiling finishes
20	M129 Space heating
21	M122 Roof coverings
22	M111 Circulation fixtures
23	M118 Waste water disposal
24	M127 Adhesive
25	M106 Gypsum
26	Anchors and fasteners
27	M102 Floor beds, roads and
28	M135 Glass
29	M107 Geotextiles
30	M110 Sanitary appliances
31	M131 Pipes, tanks not in
32	M443 power, control and
33	M105 Chimney
34	M474 Sealants for non-

# Prosessin kulku, aikataulu (esitetty)

- Ensimmäinen komission järjestämä kokous 28.5.2021
- Kokouksessa esitetty ensimmäinen aikataulu 07/2021 - 10/2022 (16 kk)



# Prosessin kulku, aikataulu (toteutunut)

- Esitetty aikataulu 07/2021 - 10/2022 (16 kk) -> päivitettiin 12/2022 (18 kk)
- 0. kokous 14.7.2021 (aloitus)
- 1. kokous 10.11.2021 (virallinen kick-off)
- 2. kokous 22.2.2022
- 3. kokous 31.5.2022
- 4. kokous 12.7.2022
- 5. kokous 16.12.2022
  
- Huhtikuussa 2023 julkaistu ryhmän viimeisimmät dokumentit.

-> Myöhästyneestä aloituksesta huolimatta, kohtalaisesti pysyttiin aikataulussa!



# Prosessin kulku

- Työ jaettiin neljään välitavoitteeseen (Milestone I-IV)
  - I. Definition of the scope of the product areas;
  - II. Creation of technical-boards of the sub-group;
  - III. Prepare the content of the high level structure of harmonized technical specifications:
    - a. Basic requirements for construction works and their essential characteristics, including the identification of thresholds and classes of performance;
    - b. Requirements ensuring the appropriate functioning and performance;
    - c. Safety product requirements;
    - d. Environmental product requirements;
    - e. Environmental sustainability assessment of construction products;
    - f. Environmental obligations of manufacturers;
    - g. Information requirements;
  - IV. Final consultation with observers and evaluation of all the deliverables.

# Prosessin kulku

- Komission kokoukset olivat lähinnä keskustelua ja työn ohjausta. Niissä käytiin läpi annettuja kommentteja, asiakirjojen luonnoksia, yhteenvetoja ja seuraavat tehtävänannot.
- Varsinainen työ tehtiin komission kokousten välillä eri ryhmissä (kansallisesti ja kansainvälisesti):
  - YM -> vastaava viranomainen
  - RTT/SR017 Betonivalmisosat -> kansallinen asiantuntijaryhmä
  - BIBM (Eurooppalainen betonielementtiteollisuuden kattojärjestö) -> kansainvälinen AdHoc -ryhmä
- YM koosti ja toimitti kansalliset kommentit komissiolle
- Kokousmäärät / tunnit -> Laskematta, mutta kohtuu paljon teettänyt työtä!



# Huomioita prosessista

- Komission ohje/toive oli sisällön määrittelyssä katsoa laaja-alaisesti ja myös tulevaisuuden toiveet huomioiden

-> Ajatus hyvä, mutta toteutus huono!

## 1.1.1 Products covered by Mandate M100

Beams and blocks - beams
Beams and blocks - concrete blocks
Box culverts
Bridge elements
Chimneys and shafts
Cladding elements
Concrete stairs
Fences
Floors
Floor plates for floor systems
Foundation elements
Foundation piles
Garage boxes
Hollow core slabs
Junction boxes for communication
Linear structural elements
Load bearing wall elements
Masts and posts
Partition walls
Retaining walls
Ribbed floor elements
Roofs
Shuttering slabs lattice girders elements for floors
Silos
Wall elements

## 1.1.3 Products covered by other mandates

Concrete kerb units	M119
Concrete manholes and inspection chambers	M118
Concrete pipes and fittings	M131
Crash barriers, parapets	M111
Drainage channels	M118
Lighting columns	M111
Liquid containing tanks	M131
Manhole for cable tunnels	M118
Noise reduction panels	M111
Noise barriers	M111

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## CPR Acquis process – Sub-Group on Product Area 01 Precast normal/lightweight/autoclaved aerated concrete Draft outcome Milestone 1

Road restraint system	M111
Separator systems for light liquids	M131
Small wastewater treatment	M118
Tanks	M131
Water pipes	M131

## 1.1.4 Products not covered by Mandates

Balcony elements
Cemetery construction
Elements for elevator shafts
Lightweight panel made of mortar of cement and granulated EPS reinforcement
Lightwell
Precast concrete composite wall with point connectors
Prestressed concrete and reinforced concrete sleepers and bearers
Sandwich walls
Shallow and reusable foundation kit for lightweight structures
Solid slabs
Tubbing
Tunnel elements
Tunnel segments

# Huomioita prosessista

- Ongelma: Astuttaisiin toisien Acquis / TC ryhmien tonteille

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# Huomioita prosessista

- Annettuja kommentteja otettiin kohtuu hyvin huomioon ja sisältöä saatiin järkevöityä monilta osin
  - Esim. Suomen ehdottamat hormielementit ja massiivilaattaelementit mukana
  - Pitäydyttiin pääosin nykyisen Mandaatin rajoissa
- Kaikki kommentit ei luonnollisestikaan mennyt läpi komissiolle
  - Esim. viittausta EN 206 Betoni (ei harmonisoitu) standardiin ei sallittu
- Usein asiakirjojen kommentointiaikataulut olivat tosi kireät ja kokouskutsut tulivat melko viime tingassa
- Horisontaalinen SG05 (ympäristö) ryhmä aloitti myöhemmin (edelleen työ kesken) ja sen vaikutuksien huomioiminen SG01 työssä aiheutti vähän haasteita
- Lisäksi uutena aiheena tuli vaarallisten aineiden luettelo

# Lopputulema

- Ylätason määrittelydokumentteja, joiden pohjalta komissio antaa standardointipyynnön (SR) CEN:lle tulevien harmonisoitujen teknisten spesifikaatioiden laatimista varten.
- SG05 (ympäristö) vaikutukset päivitettävä
- Komissiolta tuli CEN:lle luonnos SR:stä kommenteille syyskuussa 2023
- Nyt odotellaan virallista standardointipyyntöä (tulossa kevään aikana??) -> nykyisen CPR:en mukainen!

## CPR Acquis process

### Sub-Group on Product Area 01

### Precast normal/lightweight/autoclaved aerated concrete

### Milestone IIIa version 4

Circulated to the Sub-Group 21 April 2023

#### 0 Introduction

Milestone III deals with the preparation of the structure of the harmonised technical specifications. This document provides the findings as regards the identification of the list of essential characteristics, classes, thresholds and assessment methods. The document is a new version of the preliminary draft circulated to the steering group on 15 February 2023 and includes products covered by family I (concrete and compact lightweight concrete) family II (lightweight concrete with an open structure), and family III (autoclaved aerated concrete). This document also includes the list of essential characteristics related to environmental sustainability.

Most products included in this product family are requested to fulfil national requirements as regards design, calculation, installation, and durability. In this regard, the application of national building codes (in most EU countries Eurocodes and their national annexes) is not challenged. Provisions included in the future harmonised standards are expected to be compatible with the national schemes.

#### 1 Task a.1 and a.4 - identification of the list of essential characteristics and assessment methods

Experts provided additional inputs about the essential characteristics and assessment methods<sup>1</sup> applicable to each product within this subgroup.

##### 1.1 List of essential characteristics and assessment methods

###### 1.1.1 Essential characteristics

Annex 1, includes the list of essential characteristics identified for the products listed in Milestone I including concrete, lightweight concrete (compact and open structure) and autoclaved aerated concrete.

In line with the comments received, the list of essential characteristics is provided in different tables:

Date: 2023-09-21

### **CEN/TC 229** **Draft Standardisation Request** **For precast concrete products**

Dear Members,

You will find enclosed the draft standardization Request for precast concrete products, based on the work done in the framework of the CPR acquis management.

# Kiitos.

Janne Kihula  
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Janne.kihula@rt.fi

The image features a blue background with a green, textured, circular pattern on the left side. The text 'RT RAKENNUS-TEOLLISUUS' is displayed in white, bold, uppercase letters. The 'RT' logo is stylized, with the 'R' and 'T' connected. The text 'RAKENNUS-TEOLLISUUS' is split into two lines: 'RAKENNUS-' on the top line and 'TEOLLISUUS' on the bottom line.

**RT** RAKENNUS-  
TEOLLISUUS