

**MEETING OF BIBM TECHNICAL COMMISSION**

**13 September 2016**

**SUMMARY (D) AND DECISIONS (A)**

ARi: Alessio RIMOLDI	GBr: Gernot BRANDWEINER	HBe: Hervé BEINISH
MLe: Marc LEBRUN	SMA: Stef MAAS	MT: Mathias TILLMANN
THa: Tuomo HAARA	ALo: Alejandro LOPEZ	MP: Markus PETERSON

**1. Welcome by the chairman**

The chairman introduces the meeting.

ARi presents the apologies of Colin suffering. He states that following the results of the referendum on the Brexit, nothing is going to change for the UK as BIBM member for the time being. It was pointed out that, if the exit from the EU will finally happen, the matter of the CE marking would be no longer the responsibility of UK. A letter will be sent in this way.

We are happy to invite Alessandra again. Italy has leave BIBM for economics problem. A solution was found. An official letter will be sent for 1<sup>st</sup> October *[In the meantime, we received the communication that Italy is not able to join back BIBM for the time being]*.

HBe will retire next year. CERIB proposes Claudine Muzet-Miconnet from CERIB to replace him in this function. BIBM / TC accepts this proposal and welcomes Claudine. The committee thanks and congratulate HBe for his works as a secretary of BIBM/TC.

**2. Approval of the draft agenda**

Draft adopted with 3 additional issues: citation of harmonised standards in OJ, AVCP and Smart CE marking proof of concept.

The minutes of last meeting (2<sup>nd</sup> March 2016) are formally approved.

**3. Follow up the decisions taken at last BIBM/TC**

• **CEN/TC 229/WG3/TG1**

The appointment of convenor of WG3/TG1 (Terrazzo tiles) is vacant. Spain wishes an additional time to decide on the resumption or not of the lead for this TG.

D	<ul style="list-style-type: none"><li>• BIBM/TC is in favour of maintaining these standards</li><li>• In case of an unfavourable opinion of Spain, BIBM/TC addresses the revision of these standards directly within WG3.</li></ul>
---	---

• **Report of the meeting with Commission Services on the 4 methods of declaration of conformity**

Meeting held in Brussels on 17 May 2016, attendees EC, CCMC, CEN consultant, Chairman TC 229, TC 229/WG1 - WG4 and BIBM.

Tracks raised:

- Introduction to the table in Annex ZA
- Introduction of a new Annex or in the body of the standard
- EC prepares a FAQ to validate the use of the 4 methods for structural products

A	<ul style="list-style-type: none"> <li>• TC should provide: a proposal to maintain the 4 methods, a work plan for the revision of the set of standards, specifying the DOW in order to have a revised set of standards in place within three years; an amendment to the response to the mandate.</li> </ul>	<i>SMA</i>	
---	---	------------	--

• **Cement types allowed for prestressed concrete elements**

Question received from the Swiss representative in CEN/TC 104 "which cement types are allowed for prestressed and post-tensioned concrete structures?"

No feedback received from BIBM / TC' members.

4. **CEN/TC 229** (preparation of the next plenary meeting)

• **CEN/TC 229/WG1**

**Work in progress**

- Hollow core slabs (feasibility study is quite finished, difficult one in additional annex) and floor plates for floor systems (activate a group for feasibility)
- Adoption of the PWI on solid slabs (Germany wants an annex ZA)
- Approval revisions of 8 standards
- Systematic Review on floor slabs for livestock. MP says Sweden will make a request to revised the standard
- Some problem occurs in NL with Notified Bodies about units of compressive strength

A	<ul style="list-style-type: none"> <li>• Send an e-mail to Dutch' Notified Bodies , on the relation of units for compressive strength</li> </ul>	<i>SMA</i>	
---	--	------------	--

**Revisions of PWI standards:**

SMA develops the following: in case of multiple products, depending on the plants, it is necessary to follow the version of the common rules mentioned in the corresponding standards, even if there are several FPC in the plant. Therefore, PWIs should be pushed to WI as they are ready.

MLe proposes to wait the results of the CEN enquiry on the Common Rules (in about 6 months) before launching revisions on the 8 projects in PWI. It is understood that TC 229 has previously communicated to the EC a response to M / 100 mandate and a business plan including revision planning. Derogation will be requested to obtain a period of coexistence in order to apply CE marking at a common date.

MLe stated, with respect to the coexistence period, that if the request of derogation is refused, TC 229 will notify.

**Dangerous Substances:**

SMA proposes to amend the sentence on dangerous substances in harmonized standards (as proposed by Cuche to be in compliance with the CPR) or to delete it until an official position of EC.

- **CEN/TC 229/WG3**

- 4 PWI open for revision (shuttering blocks and Terrazzo tiles)
- 2 Systematic Review on test method for metallic fibre concrete (these standards are requested in Italy also for ready mix concrete)
- France will propose a new convenor for the WG3: Claudine Muzet-Miconnet.

D	• BIBM agrees with the proposal of new convenor
---	---

- **CEN/TC 229/WG4**

- Launching of the CEN enquiry for common rules with a limited scope of revision taking into account the new CEN procedure
- Follows decisions taken on the standardisation request for the revision of harmonized standards under M/100 in order to cover RDS

- **CEN/TC 229/WG5**

- Launching of the FV of "Product Category Rules for concrete and concrete elements"
- There are attempts at the EC level to transform PCR into PEF. Agreement of TC 104 and TC 229 for construction products to be covered by PCRs

- **CEN/TC 229**

- Ongoing enquiry on the reappointment of chairperson of CEN / TC 229 for MLe

D	• BIBM supports MLe candidacy
---	-------------------------------

- New appointment of the secretary of CEN / TC 229, E.Wagner of BNIB by delegation of AFNOR

**5. Revision of mandate M/100 concerning dangerous substances**

Vanadium in the dossier is a problem. MLe advised that DS are not a European problem but rather the limits of dangerous substances given in national regulations. Vanadium is a problem of cement industry. It is suggested to ask Cembureau to have a discussion with German Authorities.

A	<ul style="list-style-type: none"> <li>• Push to postpone the revision of all harmonized products standards (Dangerous substances) until the end of the work of CEN/TC 351</li> <li>• Start working at technical level with the platform "technical experts" of CEN/TC 229/WG4/AHG and CEN/TC 104/WG14</li> <li>• In parallel, BIBM coordinates experts of TCs which are in the control of competitor (i.e. TC 125, 178). Lobbying experts who have a real influence in this group and in his country (mirror committee) See below</li> </ul>	ARi	
---	---	-----	--

## 6. Cooperation with other CEN/TCs dealing with concrete products

- **Topics to be work with other CEN/TCs:**

- Adaptation of the standards to the Construction Products Regulation (in particular the chapter on assessment and Verification of Constancy of Performance and annex ZA);
- Introduction of provisions on the assessment of dangerous substances;
- Development of product category rules (to complement EN 15804) for the production of Environmental Product Declarations

A	<ul style="list-style-type: none"> <li>• BIBM/TC agrees on the topics and content that should be common to standards developed by the different TCs product</li> <li>• Identify the key players in the relevant TCs who can effectively bring forward the message;</li> <li>• Ensure the support of CEN Management Centre, National Standardisation Bodies and possibly the Commission on the principle above;</li> <li>• Find agreements with other sectoral organisations in the same situation.</li> </ul>	<p><i>ARi</i></p> <p><i>ARi</i></p>	
---	---	-------------------------------------	--

- **NEXT STEPS**

- Working group of the BIBM/TC to define the “common parts”
- Meeting of key players in CEN/TCs dealing with concrete products to present the “BIBM proposal”

## 7. Eurocodes

- **Revision of EC2**

Last meeting: 22nd and 23rd June 2016 in Berlin

- Project Team will finish the contract
- There are new proposal at each meeting
- Nothing is decided yet
- Negative reaction of big countries for the improvement

- **Ad-hoc WG between EC2 and TC 229**

Chapter 10 is discussed in Project Team. MT: we could find a good solution.

MLe send an e-mail to Gantz on the position of TC 229. No decision of SC2 before consensus of TC 229

- **Revision of EC1 (Prof Mancini)**

- Some concerns about high-rise timber buildings. Cement industry is afraid. Now timber construction is more expansive.

A	<ul style="list-style-type: none"> <li>• Necessity to investigate wood construction (30 min for REI fire?)</li> </ul>	<i>All</i>	
---	---	------------	--

- **Revision of EC8**

Not a lot of news. MLe will meet MM. Riva and Bisch at the TC 250 meeting

- **Horizontal Group – Fire**

The problem is conductivity. CERIB has developed a curve that shows better behaviour for concrete products. FR and MH of CERIB follow these subjects (currently on Hollow core slabs).

## 8. Other Standards

- **Bearing pads**

A new sentence in the scope of EN 1337-1 was added. "This standard does not deal with levelling pads" (Levelling pads = no rotation/translation of pads). In this case, almost all bearings used in buildings would be excluded and therefore would not fall under the provisions of this new standards. The situation would remain identical as today.

## 9. Technical developments

**VEEP project – latest news** (Cost-Effective Recycling of CDW in High Added Value Energy Efficient Prefabricated Concrete Components for Massive Retrofitting of our Built Environment)

VEEP main objective is to eco-design, develop and demonstrate new cost-effective technological solutions that will lead to novel closed-loop circular approaches for C&DW recycling into novel multilayer precast concrete elements (for both new buildings and refurbishment) incorporating new concretes as well as super insulation material produced by using at least 75% (by weight) of C&DW recycled materials.

D	<ul style="list-style-type: none"> <li>• <b>BIBM network:</b> To promote the project to audiences beyond the project's communities</li> <li>• <b>BIBM network:</b> To raise basic interest, in the proposed technologies and processes, of potentially interest parties across relevant stakeholders</li> <li>• <b>BIBM secretariat:</b> To develop and channel policy recommendations to relevant authorities in order to influence the regulatory and legislative framework for rendering the introduction of the new practices smoother (political level).</li> </ul>
---	--

**SeRaMCo project** (Secondary raw materials for precast concrete products)

Lead partner organisation: University Kaiserslautern; Specific objective of the programme is to optimize (re) use of material and natural resources in NWE (North-West Europe).

Duration of the project: 42 months

MT proposes to follow the work

D	<ul style="list-style-type: none"> <li>• Follow the work as stakeholders (position as an observer)</li> </ul>
---	---

## 10. Developments in the member countries

- **New issues or issues coming up again**  
 Will be dealt during the next meeting

## 11. BIBM Congress

Next BIBM Congress will be held in Madrid on 17-19 May 2017. The program is not yet finalized.

BIBM Congress website: <https://bibm.cpi-worldwide.com/>

- **Possible interest to contribute to BIBM Congress: Issues from BIBM/TC**
  - Sustainability in production,
  - Flexibility and adaptability,
  - Circular economy

A	<ul style="list-style-type: none"> <li>• For a question of balance, check the participation of all member countries of the BIBM</li> </ul>	ARi	November 2016
---	--	-----	---------------

## 12. Other topics

- **Façade fire assessment**  
The EC launched recently a call for tenders to develop a European approach to assess the fire performance of façades to be used in harmonised products standards. MLE mentions that Mohamad Heidari from CERIB has prepared a paper to Safe Europe.

A	<ul style="list-style-type: none"> <li>• Paper will be sent to the member and will be supported by BIBM, before sending to the commission.</li> <li>• Strategy: ECP Task Force to approve it</li> </ul>	ARi	November 2016
---	---	-----	---------------

- **Citation of harmonised standards in OJ**  
CPE and BIBM are working in action 5 of the Joint Initiative on Standardisation to find solutions to some of the reasons for blockage, in particular the introduction or revision of classes and thresholds but also other issues such as dangerous substances clauses or pass/fail criteria declaration.

A	<ul style="list-style-type: none"> <li>• The idea is to consolidate mandate. Look at mandates and give suggestions</li> </ul>	All	
---	---	-----	--

- **AVCP**  
AVCP is an harmonised system defining how to assess products and control the constancy of the assessment results. This system safeguards the reliability and accuracy of the Declaration of Performance.  
CPE proposes (meeting of 31/08) that the AVCP should not remain in the Annex ZA.
- **Smart CE marking proof of concept**  
Smart CE marking concept is developed by CPE to improve accessibility of declarations. Smart CE marking and electronic tools will enable the users to exploit the data manufacturers provide to the fullest potential and will allow them to develop new uses for this information in B2B and B2C communication in accordance with their needs.

A	<ul style="list-style-type: none"> <li>• For further information, please contact Alessio</li> </ul>	ARi	
---	---	-----	--

## 13. Date and venue of next meeting

D	<ul style="list-style-type: none"> <li>• Wednesday 8 March 2017 (10:30 am to 4:30 pm) in BIBM</li> </ul>		
---	--	--	--


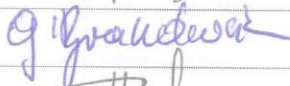












### BIBM/TC

Meeting held on Tuesday 13<sup>th</sup> September 2016  
FEBE premises, Boulevard du Souverain 68 - BE-1070 BRUSSELS

Chairman: G. BRANDWEINER

Secretary: H. BEINISH

#### ATTENDANCE LIST

Name	Federation / Company	Signature
	ANIPB	
Hervé BEINISH	FIB/CERIB	
Gilles BERNARDEAU	FIB/CERIB	Apologized
Gernot BRANDWEINER	VÖB	
Claudine MUZET-MICONNET	FIB/CERIB	
Eddy DANO	FEBE	
Gerry FARRELL	IPCA	
Tuomo HAARA	FCIA	
Bart HENDRIKX	FEBE	
Poul Erik HJORTH	BEF	
Paul KUBECZKO	VÖB	
Marc LEBRUN	CEN/TC 229	
Alejandro LOPEZ	ANDECE	
Stef MAAS	FEBE	
Colin NESSFIELD	BPCF	Apologized
Markus PETERSON	SWEDISH CONCRETE FEDERATION	
Jens-Uwe POTT	BETON VERBAND-NORD	
<del>Tom Atle Pettersen</del> John-Erik REIERSEN	BETONGELEMEN-FORENINGEN	
Alessio RIMOLDI	BIBM	
Arnaud SCHWARZENTRUBER	FIB	
Thomas SIPPEL	ECS	
Mathias TILLMANN	FDB	
Zsuzsa TÓTH	BIBM	





bureau international du béton manufacturé  
international bureau for precast concrete  
internationales büro der beton- und fertigteilindustrie

Name	Federation / Company	Signature
Emmanuel WAGNER	FIB/CERIB	Apologized.
Willem WELLING	BFBN	Willem Welling
Horst ZIMMERMANN	BETONBAUTEILE BAYERN	Horst Zimmermann

Alessandro ROYCHETTI

ASSOBETON

A Roychetti