



The **7<sup>th</sup> GRIHA SUMMIT** 2016  
16-20 FEBRUARY, 2016 | IHC, NEW DELHI



# MAKE IT SUSTAINABLE BUILDING MATERIALS

IT'S TIME TO TURN THE HOURGLASS

Side Event: **KNOWLEDGE SESSION** | February 17, 2016

In partnership with



# EU Approach for eco Building Materials

Delhi 17-02-2016 | GRIHA Summit

**Claudio Maffioletti – Secretary General**  
**The Indo-Italian Chamber of Commerce and Industry**



# Objective

To prepare a **Product Environmental Protocol (PEP)**, a **technical document to be used as a term of reference for eco-product certification**, in accordance with the **ISO 14020 series of standards** which specifies:

- ❖ the product definition to be considered within the scope of the document;
- ❖ the “Environmental Criteria” to be considered for each product along the life cycle (as required by the Standard ISO 14024)
- ❖ the thresholds to be achieved for each environmental criteria
- ❖ the methods for measuring whether the Environmental Criteria are met
- ❖ the content of the Eco-labelling and Environmental Product Declaration



# PRODUCT IDENTIFICATION & CATEGORIZATION

## PRODUCT ENVIRONMENTAL PROTOCOL AND INVOLVED PRODUCTS

*“A building product is: an element created, or transformed, to be incorporated in a construction opera.”*

### GROUP CCM

CEMENT  
CONCRETE  
MORTARS

### GROUP B&T

BRICK  
TILES

### GROUP W&I

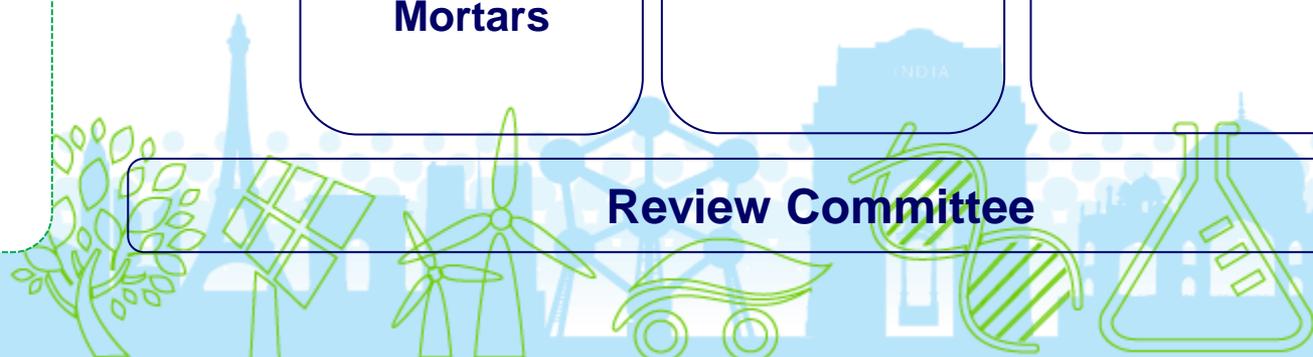
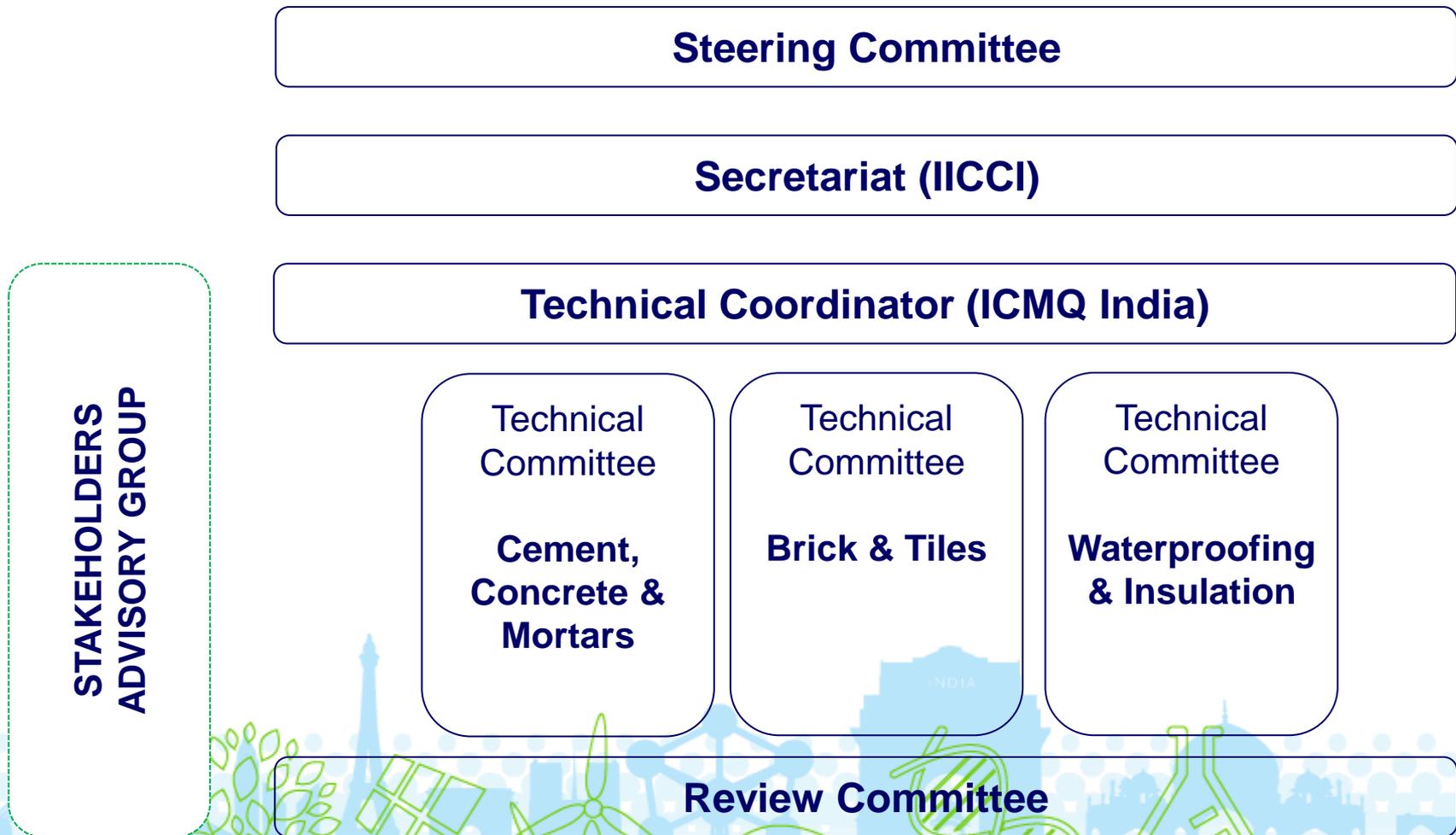
WATERPROOFING  
INSULATION

The **three main groups** are object of a PEP.

Each group is divided in **sub-categories'** products, listed to the left.



# PROJECT ORGANISATIONAL CHART



# STEERING COMMITTEE

The SC shall consist of experts from different Stakeholders and countries, and shall be in charge of assisting the Secretariat in the overall management of the project in order:

- ❖ to support the work to prepare the Work plan Instructions as well as in activities to revise and update the programme,
- ❖ to appoint members of the TC,
- ❖ to follow the market acceptance and update of the programme and suggest activities aimed at promoting the establishment of the programme.

The SC can decide to place additional selected activities to be carried out by the Secretariat.

## MEMBERS

- ❖ EBTC (European Business Technology Centre)
- ❖ IICCI (Indo-Italian Chamber of Commerce and Industry)
- ❖ CEIP (Piedmont Agency for Investment, Export and Tourism)
- ❖ CUE Ltd. (Coventry University Enterprises Ltd.)



# REVIEW COMMITTEE COMPOSITION

|                               |   |
|-------------------------------|---|
| <b>Mr. Poul Jensen</b>        | Chairman of the Committee,<br>European Business Technology Centre (EBTC), Delhi |
| Mr. Dinesh Chand Sharma       | SESEI Seconded EU Standardization Expert in India (CEN),<br>Delhi               |
| Prof. Bishwajit Bhattacharjee | Indian Institute of Technology (IIT) Delhi                                      |
| Prof. Ravindra Gettu          | Indian Institute of Technology (IIT) Chennai                                    |
| Dr. Anumita Roy Chowdhury     | Centre for Science and Environment (CSE) Delhi                                  |
| Dr. Ravindra Srinivas         | Centre for Sustainable Development (CSD) Bangalore                              |
| Ms. Sonal Kohli               | ESSAR Group   |
| Prof. Ingrid Paoletti         | Politecnico di Milano - BEST, Milano  |
| Mr. Ugo Pannuti               | ICMQ Spa, Milano  |
| Mr. B Ramaswamy               | Indo Italian Chamber of Commerce & Industry, Bangalore                          |
| Mr. Giuliano Lengo            | Centro Estero per l'Internazionalizzazione Torino                               |
| Prof. Eshmail Ganjian         | Coventry University Enterprises, Coventry                                       |
| Mr. L Rajasekar               | Cement Manufacturers Association  |



# TC “Cement – Concrete – Mortars” COMPOSITION

|                         |  |
|-------------------------|--|
| <b>Mrs.Nidhi Dixit</b>  | Facilitator - ArcAllusion – LCA expert                   |
| Mr. Avikal Somavanshi   | Centre for Science and Environment CSE                   |
| Mr. A K Jain            | Cements Manufacturers Association (CMA)                  |
| Mr. Vijaykumar Kulkarni | Ready Mixed Concrete Manufacturers' Association (RMCMA)  |
| Prof. Ingrid Paoletti   | Politecnico di Milano                                    |
| Dr. G.S.R. Ravishankar  | Mapei Construction Products India Pvt. Ltd.              |
| Mr. Ashwini Pahuja      | National Council for Cement and Building Materials (NCB) |
| Mr. Manjunatha L. R.    | JSW Cement Ltd.  |
| Mr. J Roeger            | Sobha Developers   |
| Mr. Sivakumar           | ICOMAT Testing Laboratory (IIT Madras)                   |
| Ravi Muniratnam         | Synergy Property Development Services Pvt Ltd.           |
| Mr. Veeneth Lochan      | Save Techno Engineers                                    |
| Mr. Milind Joshi        | Techno Services & Consultants                            |



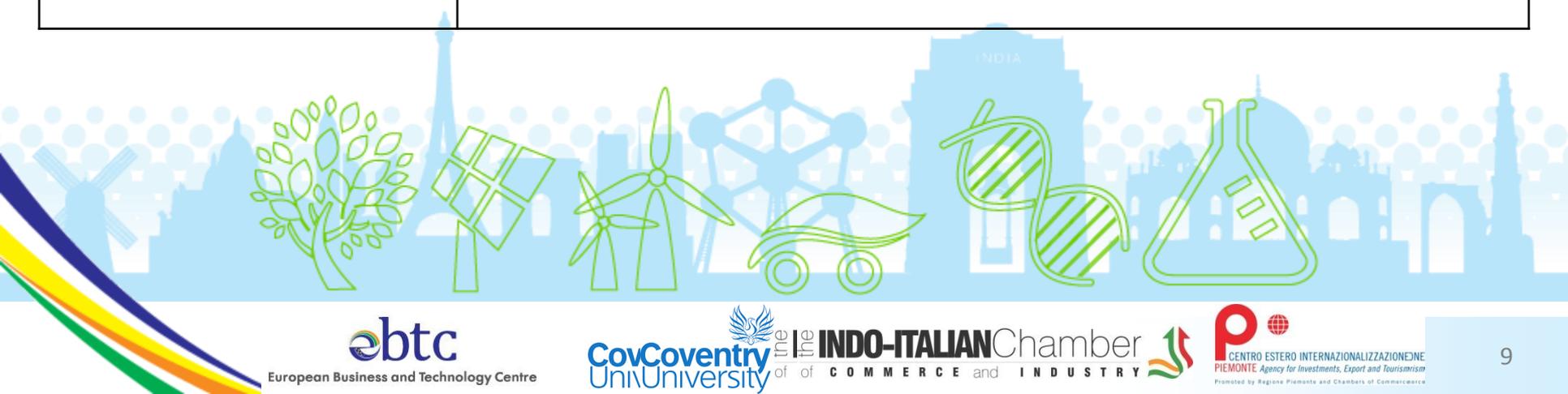
# TC “Brick - Tiles” COMPOSITION

|                                |  |
|--------------------------------|--|
| <b>Mrs. Chitra Chidambaram</b> | Facilitator - Associate Professor at Sharda University, Greater Noida – GRIHA Expert LEED AP |
| Mr. Giovanni D’Anna            | Associazione Nazionale Degli Industriali dei Laterizi (ANDIL)                                |
| Prof. Maria Chiara Bignozzi    | Centro Ricerca Sperimentazione Per L'industria Ceramica                                      |
| Mr. Krishna Prasad             | Federation of Indian Granite & Stone Industry (FIGSI)  |
| Ms. Monica Lavagna             | Politecnico di Milano  |
| Kalapi Buch                    | Sfurna Designs   |
| Mr. Avikal Somavanshi          | Centre for Science and Environment CSE   |
| Ar. Chitra Sundararajan Jain   | Visiting Faculty, School of Planning and Architecture, New Delhi                             |
| Mr. Ashok Gupta                | Mapei Construction Products India Pvt. Ltd.  |
| Mrs. Nidhi Dixit               | ArcAllusion  |
|                                |  |
|                                |  |



# TC “Waterproofing - Insulation” COMPOSITION

|                         |  |
|-------------------------|--|
| <b>Mr. Tushar Ghate</b> | Panshil Developer  |
| Ms. Valeria Erba        | Associazione Nazionale per l’Isolamento Termico e Acustico (ANIT)        |
| Tirtha Pratim Banerjee  | Dr. Fixit Institute of Structural Protection and Rehabilitation: DFI-SPR |
| Mr. K.K. Mitra          | Llyod Insulation India Limited (Ltd)                                     |
| Ms. Tanushree Barua     | Politecnico di Milano  |
| Mr. Santhosh M Prakash  | Mapei India Construction Pvt Ltd   |
| Mr. Sunil Patel         | Chemistik Pvt. Ltd.  |
| Mrs. Nidhi Dixit        | ArcAllusion  |
|                         |  |
|                         |  |
|                         |  |
|                         |  |





THANK YOU



European Business and Technology Centre

European Business and Technology Centre  
DLTA Complex, South Block, 1st Floor,  
1, Africa Avenue, New Delhi 110 029, INDIA

CIN: U74140DL2010NPL208530

Tel: +91 11 3352 1500 | E-mail: [info@ebtc.eu](mailto:info@ebtc.eu) | Web: [www.ebtc.eu](http://www.ebtc.eu)  
Office Locations: New Delhi | Mumbai | Bengaluru | Kolkata | Brussels

Stay Connected:  @EBTC\_EU  /EBTC.EU  /EBTCIndia  /European Business and Technology Centre

Copyright ©2015 EBTC. The contents of this presentation are the sole responsibility of the EBTC and can under no circumstances be regarded as reflecting the position of the European Union.

EBTC is a programme co-funded by the European Union  and coordinated by  EUROCHAMBRES



the **INDO-ITALIAN** Chamber  
of **COMMERCE** and **INDUSTRY** 

