

## The Concrete Initiative Workshop

*What can we learn from new trends in the construction sector?*

**6 February 2019**, from 10:00 to 13:00

L42 Business Center: Rue de la Loi 42, 1040 Brussels

### Theme

The European construction sector is crucial to the European economy as it provides 18 million direct jobs and contributes to about 9% of the EU's GDP. Furthermore, drives economic growth and offers solutions for social, climate and energy challenges, thus contributing to sustainability.

To remain competitive while enabling the transition to a low carbon and resources efficient economy, the sector is currently evolving its decision-making processes and moving towards digitalisation. A sustainable future is part of the construction industry trends that will continue into 2019.

We will ask advanced contractors about their latest developments and their expectations from suppliers, what new tools engineers and architects are using for design, and how our industry can embrace this new potential to tackle the sector's main challenges and bring multiple benefits along the entire value chain, as well as for Europe and its citizens.

By inviting practitioners who develop new solutions along the value chain, The Concrete Initiative wants to provide EU stakeholders with an overview of the new construction products market conditions in which cement and concrete producers and users will operate in the years to come.

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Workshop followed by lunch

Join the conversation: @ConcreteDialogue #EUIndustryDay

Register: [r.cracea@cembureau.eu](mailto:r.cracea@cembureau.eu)

# Event Programme

## 10:00 – 10:10 Welcome addresses

Gonçalo Salazar Leite - The Concrete Initiative

Karl Downey, CRH - Moderator

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## 10:10 – 10:40 Using infrastructure to reshape our world: best practices and expectations

- Dr ir Marc Ottelé, Heijmans - *Contractor perspective on integrated durability and sustainability*
- Lorenzo Orsenigo, ICMQ – *Certification and testing for the construction industry*

QnA discussion (10')

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## 10:40 – 11:10 Buildings represent 36% of CO2 emissions: how to tackle decarbonisation?

- Vivian Dorizas, Buildings Performance Institute Europe (BPIE) - *Policy Innovation for Building Renovation: How can policy innovation scale up the decarbonisation of the building stock in Europe?*

QnA discussion (10')

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## 11:10 – 11:30 Starting from the design-phase: material efficiency and beyond

- Prof. Dr. Robert J. Flatt, Institute for Building Materials, ETH Zurich - *Digital fabrication in construction, opportunities & challenges*

QnA discussion (10')

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## 11:30 - 12:00 Digitalisation and its impact on supply chain optimization

- Jacky Chi Ho Lau, building SMART Norge – *BIM: From concept to implementation*
- Luigi Perissich, FEDERCOSTRUZIONI – *Construction 4.0: a digital platform for construction in Europe*

QnA discussion (10')

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## 12:00 – 12:30 How will new technologies affect end of life of materials?

- Jaime Moreno Juez– TECNALIA - *Innovative solutions for an efficient recycling and recovery of valuable raw materials from C&DW*
- Eunan Kelly, CDE Global – *Construction materials from your waste*

QnA discussion (10')

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## 12:30 – 12:40 The view from Brussels

- Kjetil Tønning, FIEC President, *FIEC Construction Industry 4.0 project*

QnA discussion (10')

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**12:50 – 13:00 Closing remarks by** Inigo Urresti, Deputy Head of Unit, Clean Technologies and Products, DG GROW, European Commission