

## NEWS

### ERMCO IS 50 YEARS OLD!

At the dinner offered by the Czech Association SVB on 16<sup>th</sup> June in Prague the ERMCO 50th anniversary was celebrated (below, left the President Y. Izik, Past President S. Tosterud and Secretary F. Biasioli blowing the candles..). The day after the ERMCO Representatives meeting, attended by more than 60 people (below right), was preceded by two presentations, one about the P&M “measuring” system adopted by the French Member SNBPE, the other one on the Concrete Sustainability Council certification system of Responsible Sourced Concrete . The formal session, opened by the message of the ERMCO President, take stock of the last year activities, approved the 2018 budget and elected the new Board, which confirmed Mr. Isik as ERMCO President. The ERMCO Secretariat thanks SVB for the organisation and hospitality and wishes you all an excellent summer holiday!



### THE NORWAY “FOLLO LINE” TUNNEL



The “Follo line”, the largest infrastructure project in Norway, is becoming reality with the building of the longest railway tunnel of the whole Scandinavia. Developed by the Norwegian railways on behalf of the Ministry of Transport and Communication and assigned to a joint venture made by Spanish Acciona and Italian Ghella companies , the line will be used by high speed trains able to run at 250km/h , reducing the current travel time by 50%. Works will also involve the modernization of Oslo Central Station and a new station to be built in Ski. A new segment 22,5 km long will connect Ski to Oslo Central Station, with two parallel galleries 20 km long excavated by two Tunnel Boring Machines. The Italian company SIMEM will supply the concrete plants to produce 500.000 m<sup>3</sup> of concrete for 140.000 segments to be placed into the two galleries. To guarantee the production even in extremely cold temperature, the 3 “Beton Towers” plants are entirely insulated and equipped with a materials’ heating system. [READ MORE](#)

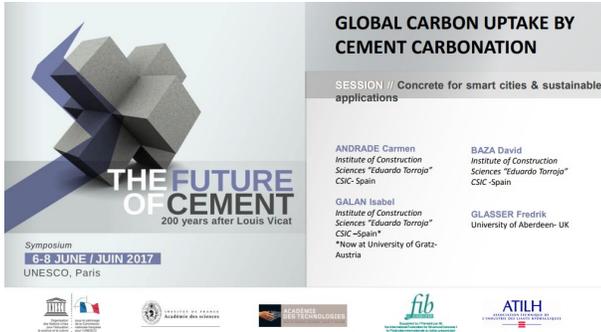


# ERMCO 2018 CONGRESS - OSLO

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## TECHNOLOGY

### UP TO 43% OF THE CO<sub>2</sub> RELEASED IN CEMENT PRODUCTION IS REABSORBED BY CARBONATION !



A recent study presented by prof. Carmen Andrade at the “Future of Cement Symposium” held on 7 and 8 June in Paris, has demonstrated that up to 43% of the whole CO<sub>2</sub> released by cement production is subsequently reabsorbed by carbonation.

Using a previous study, the CO<sub>2</sub> sequestration for buildings and civil works, with different type of cement was calculated . [READ MORE](#)

### THE ITALIAN ASSOCIATION FEDERBETON JOINS CSC

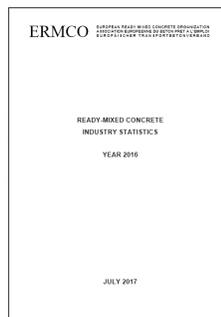
Federbeton will contribute to certify the sustainability of concrete construction in Italy. The Confindustria Federation, which includes both the cement and concrete supply chains, has been accepted as Regional System Operator (RSO) of the Global Certification Responsible Sourcing Scheme. Thanks to the commitment of the Federation, the cement and concrete supply chain will be able to demonstrate the sustainability of concrete.



### ERMCO 2016 STATISTICS

The update and improved edition of the ERMCO 2016 statistics is available. The volume is available free of charge for ERMCO Members and for a nominal fee for those interested. More info on the ERMCO web site.

[www.ermco.eu/statistics/](http://www.ermco.eu/statistics/)



### EVENTS



### THE CONCRETE INITIATIVE “CONCRETE DIALOGUE”

Next appointment with The Concrete Initiative : “The Concrete Dialogue : Renewing Europe’s infrastructure: needs, challenges and opportunities “. Will be held on November, 21 in Brussels to

discuss about needs, opportunities and concrete solutions for the infrastructures of today. The dialogue will focus on sustainable infrastructure and what is needed to encourage and support infrastructure decision makers to use concrete within the sustainability mix.

### ANCIENT ROMANS MADE WORLD’S ‘MOST DURABLE’ CONCRETE. WE MIGHT USE IT TO STOP RISING SEAS.



Two thousand years ago, Roman builders constructed vast sea walls and harbor piers. The concrete they used outlasted the empire — and still holds lessons for modern engineers, scientists say. A bunch of half-sunken structures off the Italian coast might sound less impressive than a gladiatorial colosseum. But underwater, the marvel is in the material. The harbor concrete, a mixture of volcanic ash and quicklime, has withstood the sea for two millennia and counting. What's more, it is stronger than when it was first mixed. [READ MORE](#)

### SEE YOU IN LISBON



The Portuguese Association has invited the ERMCO Strategy and Development Committee and the ERMCO Board to hold their meetings on 23 and 24 October in Lisbon. Thanks for the invitation!