

NEWS

ENHANCEMENT OF FRESH CONCRETE RECYCLING IN THE RMC INDUSTRY – A NEW RESEARCH PROJECT IN GERMANY



It is a usual procedure in Germany to separate fresh concrete waste into reclaimed washed aggregates and slushwater, with help of special wash drums. The production of new concrete utilizes both the reclaimed washed aggregates and the slushwater. Currently, the use of reclaimed aggregates is limited to 5% by mass with regard to the total amount of aggregates in the concrete production. A research project commissioned by the German Ready-Mixed Concrete Association (BTB) and funded by the German Federal Ministry of Economics and Technology (BMWi) now investigates a significant increase of this limit. The Technical University of Kaiserslautern examines which percentage of the reclaimed aggregates can be reused in the new concrete composition without affecting the concrete properties. Practical tests with different ready-mixed concrete companies will validate the results from the laboratory examinations and contribute to the adaptation of existing German regulations. For more info click on the following [LINK](#)

The Pantheon in Rome, built almost two thousand years ago, is still the largest unreinforced concrete dome in the world.



MIT - PUBLIC WEBINARS



The Massachusetts Institute of Technology (MIT) Concrete Sustainability HUB, a center supported by the US Cement Association PCA and by our US colleagues of NRMCA, proposes a series of webinars free and open to the public. The first was an overview of concrete pavements related research by MIT, others are on the Building Life Cycle Cost Analysis and Life Cycle Assessment. The last one will be on the impact of these changes, how rapid urbanization has changed land use and investigating ways to make cities more energy efficient. Register using this [LINK](#)

THE UK CONCRETE CENTRE AT ECOBUILD



On 7- 9 March in London a [seminar programme](#), organised by The Concrete Centre alongside guest speakers, will provide the latest design and technical expertise in a series of events. The sessions will cover a range of topics to provide designers with expert advice, latest exemplars and best practice on concrete related issues.

For more info click on the following [LINK](#)

SNBPE - DEMONSTRATION "DRAINAGE CONCRETES & SELF-COMPACTING MATERIALS"



SYNDICAT NATIONAL DU BETON PRET A L'EMPLOI

The French Ready-Mix Concrete Association (SNBPE) and the Cement and Application Information Center (CIMbéton) organize a demonstration of self-compacting materials and draining concretes, on March 30th on SODIBE site in Diors. The meeting will highlight the advantages of self-compacting concrete for quick and easy interventions on networks and the advantages of draining concretes for water management will be presented. For more info click on the following [LINK](#)

TECHNOLOGY

RESEARCH CONFIRMS CONCRETE ABSORBS CO₂ OVER TIME



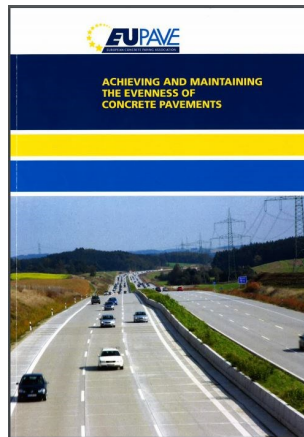
Calcination of carbonate rocks during the manufacture of cement produced

5% of global CO₂ emissions from all industrial process and fossil-fuel combustion in 2013.

Considerable attention has been paid to quantifying these industrial process emissions from cement production, but the natural reversal of the process carbonation has received little attention in carbon cycle studies.

The article regarding these studies is available at the following [LINK](#)

EUPAV WORKSHOP



EUPAVE held its third Workshop on “Best Practices in Concrete Paving” on 23 February 2017 in Brussels. The theme of the workshop was “The right concrete mix for the right surface”. The event also marked the launch of EUPAVE's new publication “Achieving and Maintaining the Evenness of Concrete Pavements”. www.eupave.eu

UPCOMING EVENTS

HIGH PERFORMANCE CONCRETE (HPC) 11TH CONFERENCE AND 2ND CONCRETE INNOVATION CONFERENCE (CIC)

March 6-8, Tromsø (NO)

The HPC series of conferences has a long and fruitful history of presenting advances in concrete technology.

The 2nd CIC follows the success of the 1st CIC held in Oslo, Norway, in June 2014. The future needs of industry and society, such as energy saving, reduced CO₂ emission, and resources use, efficient construction and higher performance to lower cost, are innovation drivers. The 2nd CIC presentation will address these themes.

www.tekna.no

DDR EXPO 2017 June 14 -16, Brussels



DDR Expo 2017 is the very first European trade fair specialized in **demolition, decontamination and recycling**. Bringing together the world of the demolition, decontamination and recycling trades, the DDR Expo 2017 is organized by EDA, (the European Demolition Association) in partnership with EDI (the European Decontamination Institute), with the support of the National Associations and institutions.

www.ddrexpo.com

FIB SYMPOSIUM 2017



fib symposium 2017
High tech concrete: Where technology and engineering meet!

The Dutch Concrete Association and the Belgian Concrete Association jointly organise the *fib* Symposium 2017. The event will be held from 12th until 14th June at the MECC in Maastricht.

fibsymposium2017.com

MARKETING AND PROMOTION OF CONCRETE WORKSHOP May 7, Madrid



www.Theconcreteinitiative.eu