

Registration fee:

The registration fee is 300 Euro and includes lunches, dinner and book of abstracts.

Location:

Science Centre, Mijnbouwstraat 120, Delft, The Netherlands

Hotels:

Suggested hotel: Hampshire Hotel Delft Centre, www.hoteldelftcentre.nl

Conference Organisation:

Partners in Healcon project

Local Organizing Committee:

Erik Schlangen
Henk Jonkers
Eirini Tziviloglou
Branko Savija
Iris Batterham

Location

Science Centre | Mijnbouwstraat 120 | 2628 RX Delft |



TU Delft / Materials & Environment
Faculty of Civil Engineering and Geosciences
Stevinweg 1
2628 CN Delft
The Netherlands
T +31 (0)15 27 86382
F +31 (0)15 27 86383
www.healcon.eu
i.batterham@tudelft.nl



HealCON — CONFERENCE

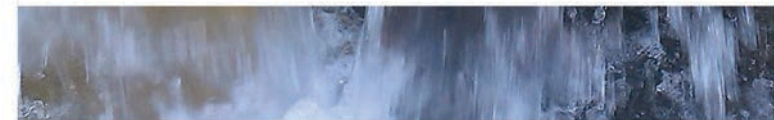
'Self-healing concrete for prolonged lifetime'

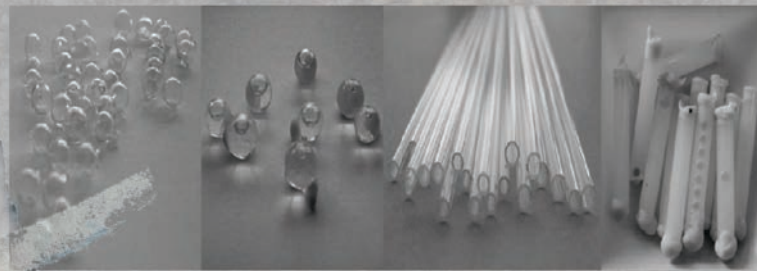
28 & 29 November 2016
Delft, The Netherlands



healCON

concrete which repairs itself





Scope

The project HealCON, which deals with self-healing concrete to create durable and sustainable concrete structures, is funded by EU-FP7 and started in January 2013. The coordinator of the project is Prof. Nele De Belle (UGent) and the consortium partners are UGent, Avecom, TU Delft, Acciona, TUM, TTI, VTT, COWI, DTI, CEINMAT, Devan and Fescon.

Adequate perpetuation of the road, tunnel and bridge network, is crucial to preserving European cohesion and business operations; and around 70% of this infrastructure is made of concrete. In order to guarantee liquid tightness of concrete structures, and enhance durability of elements prone to bending cracks, smart concrete with self-healing properties will be designed.

In HealCON initial concepts that have been explored earlier by the different partners are developed further in order to ensure practical application in concrete structures.

Different healing agents and encapsulation techniques are tested and scaled up. Self-healing efficiency is evaluated in lab-scale tests using purposefully adapted monitoring techniques, and optimized with the help of suitable computer models.

Finally the efficiency is validated in a large scale lab test and made ready for implementation in actual concrete structure. Life-cycle cost analysis shows the impact of the self-healing technologies on economy, society and environment compared to traditional construction methods.

HealCON CONFERENCE

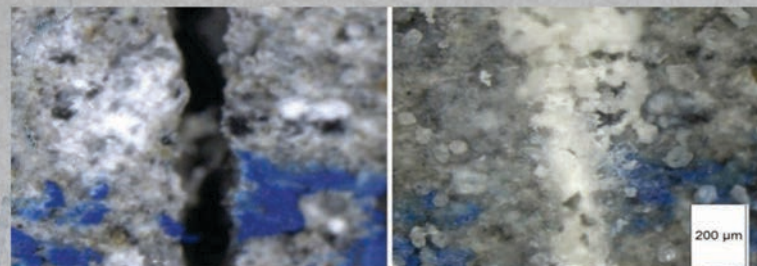
The HealCON conference is a 2 day meeting dedicated to the topic of self-healing concrete.

The conference topics are:

- Self-healing techniques for concrete
- Modelling approached
- Upscaling techniques
- Full scale testing
- Applications of self-healing concrete

The aim of the conference is to create an event to discuss the latest developments in self-healing concrete. At the conference the outcome of the HealCON project will be presented by the project partners.

Furthermore other researchers, academics, students, engineers, architects, contractors, concrete producers, public works officials, material suppliers and concrete industry professionals are invited to discuss and present their latest findings on self-healing concrete and attend the conference.



Dates and Deadlines:

Abstract (300 words) submission	01-05-2016
Notification of acceptance of abstract	01-06-2016
Registration	01-09-2016
Extended (2-4 pages) abstract	01-10-2016
Conference	28 & 29 November 2016

Abstract submission:

Submit a 300 words abstract before May 1st 2016 via the conference website www.healcon.eu.

Based on the review of the abstracts participants will be invited to submit an extended abstract before October 1st 2016 which will be available to all participants at the conference.

