

Registration and Contact

Registration to the 3rd Infrastar Implementation Day is free but compulsory. Please register before Friday 14 June 2019.

For more information and registration, please visit

<http://infrastar.eu/events/implementation-days/3rd-implementation-day/>

or email infrastar@ifsttar.fr

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3rd INFRASTAR Implementation Day

Innovation and Networking for Fatigue and Reliability Analysis of Structures – Training for Assessment of Risk

The Infrastar Implementation Days aim at inviting companies, administrations, local authorities, academic experts, policy makers, research scientists, engineers in order to boost networking opportunities, to recognise the challenges on infrastructures in relation to fatigue and reliability and to discuss INFRASTAR research work in these fields.

The 3rd Infrastar Implementation Day features talks by experts, panel discussion, speed networking, poster exhibition showcasing the 12 research projects of the European project Infrastar. A special focus will be put on reliability, risk and decision analyses applied on wind turbines and bridges.



SAVE THE DATE

Wednesday 26 June 2019

The 3rd Implementation Day is organised jointly with **COWI** in Copenhagen, Denmark

COWI A/S is a leading international consulting group within engineering, economics and environments science dedicated to creating coherence in tomorrow's sustainable societies. COWI has carried out more than 65,000 projects in over 175 countries.

COWI



INFRASTAR project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 676139.

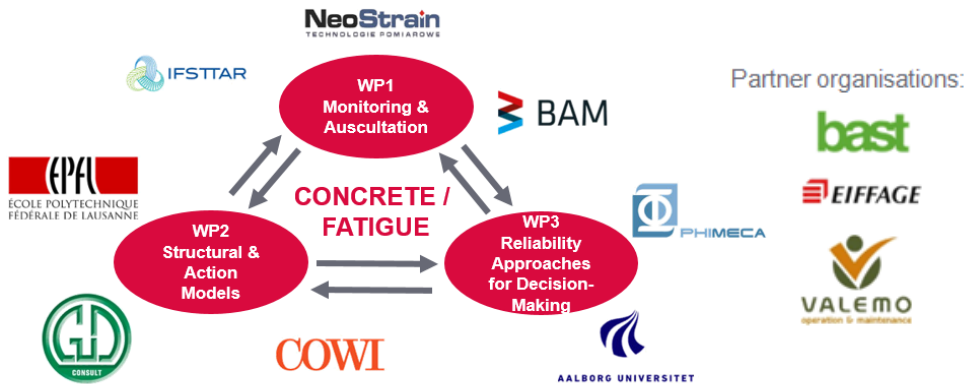


Infrastar aims to develop knowledge, expertise and skills for optimal and reliable management of structures in concrete: bridges and wind turbines in relation to fatigue. Infrastar addresses 3 major challenges:

- Advanced modelling of concrete fatigue behaviour.
- New NDT methods for early damage detection.
- Probabilistic approach of structure reliability under fatigue.

Infrastar, coordinated by Ifsttar, includes 3 scientific Work Packages (WP), 4 first-class academic organisations, 4 industrial companies, 3 partner organisations, an advisory board composed of 6 members and 12 PhD students.

- WP1 leader: Dr. Ernst Niederleithinger (BAM)
- WP2 leader: Prof. Eugen Brühwiler (EPFL)
- WP3 leader: Prof. John Dalsgaard Sørensen (AAU)



The Infrastar Advisory Board is composed of:

- Morten Søgaaard Andersen (DNV-GL)
- Prof. Jan Bien (Wroclaw University of Science and Technology)
- Pascal Collet (Total)
- Dr. Peter Lippert (Deutsche Bahn)
- Dr. Marc Thiele (BAM)
- Prof. Ton Vrouwenvelder (TNO)

09:00 – 09:30	Registration and coffee
09:30 – 09:45	Welcome talk Lars Hauge, COWI's Executive Vice President for bridge, tunnel and marine structures
09:45 – 09:55	Infrastar at a glance by Dr Odile Abraham, IFSTTAR
09:55 – 10:25	Keynote: Challenges in the application of concrete design codes for floating wind turbine support structures Simon Vasseur, Ideol
10:25 – 10:45	SHM strategies for fatigue assessment of infrastructure components Jacob Egede Andersen, COWI
10:45 – 11:05	Fatigue in grouted connections for offshore wind turbines Aitor Arrospide Sanz, COWI
11:05 – 11:30	Coffee
11:30 – 11:40	Focus on Work Package 3 (WP3): Reliability approaches for decision-making Prof. John Dalsgaard Sørensen, AAU
11:40 – 12:40	Presentations by the Infrastar WP3 PhD students A. Mankar (AAU), M. Ahmadivala (Phimeca), S. Rastayesh (AAU), L. Long (BAM)
12:40 – 14:00	Lunch
14:00 – 15:00	Poster session by the Infrastar PhD students
15:00 – 15:45	Panel discussion with experts Infrastar advisory board, Prof. John D. Sørensen (AAU), COWI representatives. Moderator: Claus Kramhøft (COWI)
15:45 – 16:45	Speed networking
16:45 – 16:50	Conclusion
16:50 – 18:15	Cocktail & networking