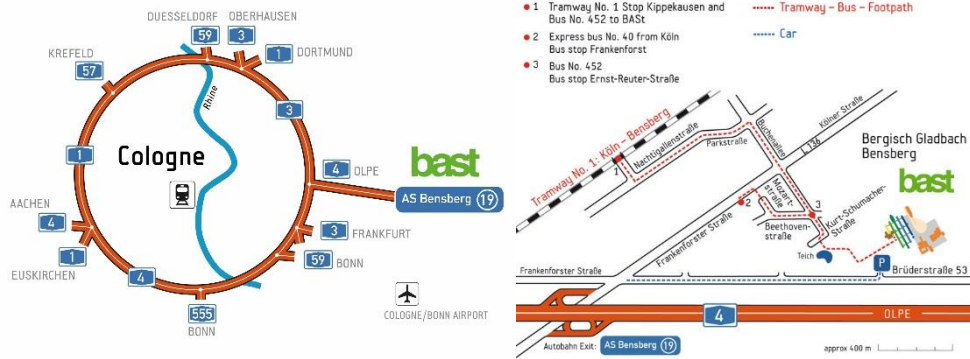


Venue

BAST (Bundesanstalt für Straßenwesen)

Federal Highway Research Institute

Brüderstraße 53, 51427 Bergisch Gladbach - Germany



Registration and Contact

Registration to the 1st INFRASTAR Implementation Day is free but compulsory. Please register before the 31st of December, 2017.

For more information and registration, please visit

<http://infrastar.eu/events/implementation-days/1st-implementation-day/>

or email infrastar@ifsttar.fr

Know more about the project and subscribe to the newsletter

<http://infrastar.eu/en/public-archive/newsletter/>



Stay tuned



FIRST ANNOUNCEMENT 1st INFRASTAR Implementation Day

Innovation and **N**etworking for **F**atigue and **R**eliability **A**nalysis of **S**tructures – **T**raining for **A**ssessment of **R**isk

Bergisch Gladbach, Germany, March 20th 2018

Organised jointly with **BAST**
The German Federal Highway Research Institute

The 1st INFRASTAR Implementation Day aims 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 1st INFRASTAR Implementation Day features talks by a panel of experts, discussions, round table, demonstrations, poster exhibition showcasing the 12 research projects of the European project INFRASTAR.



SAVE THE DATES

March 20th 2018: 1st INFRASTAR Implementation Day

March 21st 2018: National BAST Symposium on Smart Structures:

Intelligente Brücke – Neue Entwicklungen



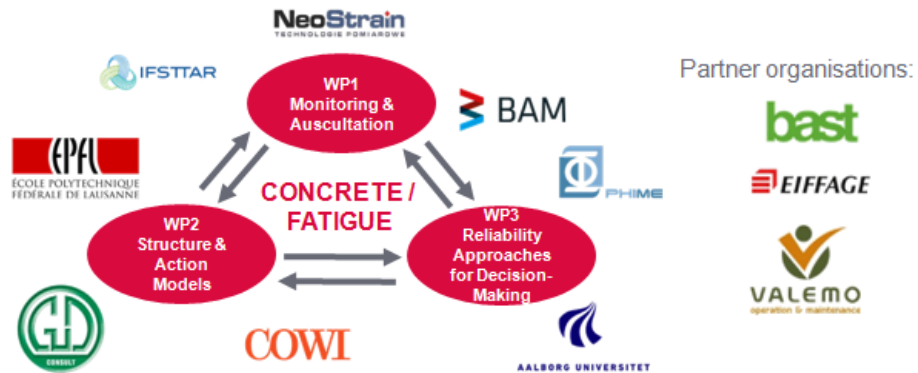
INFRASTAR project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 676139.

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 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)
- Prof. Marios Chryssanthopoulos (Surrey University)
- Pascal Collet (Total)
- Dr. Peter Lippert (Deutsche Bahn)
- Prof. Ton Vrouwenvelder (TNO)

- 10:00 – 10:30** **Registration and coffee**
- 10:30 – 10:40** **Welcome and Introduction**
Dr. Peter Haardt, BAST
- 10:40 – 10:50** **INFRASTAR at a glance**
Dr. Odile Abraham, IFSTTAR
- 10:50 – 11:10** **Keynote on railway bridges**
Dr. Peter Lippert, Deutsche Bahn
- 11:10 – 11:30** **Focus on Work Package 1: Monitoring and Auscultation**
Dr. Ernst Niederleithinger, BAM
- 11:30 – 12:30** **Presentations by the INFRASTAR PhD students (WP1)**
- Experimental NDT/SHM Results.
- 12:30 – 13:30** **Lunch buffet**
- 13:30 – 14:30** **Presentations by the INFRASTAR PhD Students**
- Joint works on shared objects.
- 14:30 – 15:30** **Poster session & demonstrations**
Coffee & refreshments
- 15:30 – 16:20** **Round table**
- Exchanges between industries and academia, challenges and needs related to monitoring and auscultation.
- 16:20 – 16:25** **Conclusion**