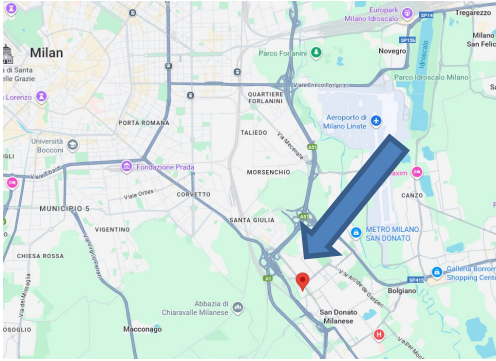


Venue

Eni S.p.A. - 5th Palazzo Uffici

V Palazzo Uffici. Strada Statale 9, Via Emilia, 1, 20097 San Donato Milanese, MI.



Registration and Contact

Registration to the 2nd USES² Industry Day is free but compulsory. Please register before the 1st of April, 2026.

For more information and registration, please click [here](#)

or email uses2@univ-eiffel.fr

Know more about the project
<https://www.uses2.eu/>



Stay tuned



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FIRST ANNOUNCEMENT 2nd USES² Industry Days

USES of novel **U**ltraSonic and **S**eismic
Embded **S**ensors
for the non-destructive evaluation and structural
health monitoring of infrastructure and human-
built objects

The 2nd USES² Industry 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 of Structural Health Monitoring and to discuss USES² research work in these fields.

The 2nd USES² Industry Day features talks by a panel of experts, discussions, round table, demonstrations, poster exhibition showcasing the 11 Doctoral Candidates research projects of the European project USES²



SAVE THE DATE

April 14th 2026: Keynotes & my thesis in 3 min

April 15th 2026: Keynotes & poster session



USES² project has received funding from the European Union's Horizon 2021 research and innovation programme Marie Skłodowska-Curie grant agreement No 101072599

USES²

Current SHM typically uses sensors that provide local information only, which may be insufficient for detecting interior degradation or require very dense networks. Furthermore, the performance of both in-situ sensing systems and algorithms to process and interpret the sensor data is reduced when subject to Environmental and Operational Conditions (EOC). This limits their large-scale deployment.

USES² aims to develop and combine novel emerging sensing technologies (optical fibre and wireless piezoelectric sensors), advanced processing (compressed sensing, artificial intelligence) and full-mechanical-waveform based imaging to tackle these issues.

USES² includes 3 scientific Work Packages (WP), 7 first-class academic organisations, 3 industrial companies, 12 partner organisations, an advisory board composed of 6 members and 11 PhD students.



USES² Preliminary Program

DAY 1: April 14th 2026

- 9:30 – 10:00** Welcome Coffee
- 10:00 – 10:15** Opening and Introduction by **Eng. Marco Marino, MBA** (Managing director of Enivibes) & **Dr Odile Abraham** (USES² project's coordinator, Uni. Eiffel, France)
- 10:15 – 11:00** Experience with structural health monitoring by **Dr Giuseppe Giunta** (Enivibes, Italy)
- 11:30 – 12:15** Use of geophysical methods to characterize structure, with a focus on cultural heritage by **Prof. Rita Deiana** (UNIPD, Italy)
- 12:15 – 13:00** Cloud-Enabled GNSS and IoT Sensors for Structural Health Monitoring by **Dr Eugenio Realini** (Managing Director of G-Red, Italy)
- 13:00 – 14:00** Lunch buffet
- 14:00 – 14:45** Added value of information by **Prof. Sebastian Thoens** (Lund University, Sweden)
- 14:45 – 15:15** Introduction to USES² scientific Work Packages
- 15:30 – 17:00** My thesis in 180 seconds by the USES² Doctoral Candidates

DAY 2: April 15th 2026

- 9:30 – 10:15** Cyber Security for Industrial Control System by **Eng. Domenico Capuano** (Head of Cyber Security Architecture & Engineering OT, Eni, Italy)
- 10:15 – 11:00** Artificial Intelligence in the context of Asset Integrity by **PhD Francesco Cannarile** (Chapter Lead Data Science & AI, Eni, Italy)
- 11:15 – 12:45** Roll-up session
- 12:45 – 13:45** Lunch buffet
- 14:00 – 14:45** Multi-scale SHM of railway bridges using on-site and inSAR data by **Prof. Alessandro Marzani** (University of Bologna)