

BIM4CE

Bridge monitoring using real-time data and digital twins
for Central Europe

Bridges are critical transport infrastructure and need regular maintenance to be safe. Smart systems help with monitoring and allow to optimize maintenance processes - but they carry a high price tag.

BIM4CE project aspires to develop a new bridge management solution that will be efficacious as well as cost-effective.

Project budget in EUR:

2,701,235.41

Project duration:

01.04.2023 - 30.03.2026



NEWS

BIM4CE consortium meeting in Dresden and visit to Pilot site

On 11th and 12th June, CSP hosted the BIM4CE consortium meeting at Palazzina Geisser, located right across from the Polytechnic of Torino.

Day 1 was dedicated to welcoming project partners, stakeholders and experts, who had the opportunity to introduce themselves and exchange valuable insights. The agenda featured updates on the state of the art of the Work Packages, followed by a field visit to the Sant'Ambrogio Bridge, which represents the Italian pilot case. Day 2 focused on financial management, project reporting, and the refinement of the communication and dissemination strategy. The meeting was marked by great energy, constructive discussions and a strong spirit of collaboration among partners. We warmly thank the CSP team for their excellent organization and hospitality.



Video

Visit to the IDA-KI research bridge near Dresden.



Events



Source: <https://www.consorziofabre.it/>

FABRE 2026– Existing Bridges, Viaducts and Tunnels

16-19 February 2026
Auditorium della Tecnica, Rome, Italy

Research, innovation, and practical applications for existing infrastructure, including monitoring, diagnostics, and maintenance strategies. Experts from scientific, technical, managerial, and institutional fields.

[Visit website](#)



Source: <https://amcham.si/>

SloveniaBusiness Bridge™ – Investment and Development Conference 2025

13-14 November 2025
Ljubijana, Slovenia

While not exclusively about bridge monitoring, this event brings together leaders in infrastructure, investment, and innovation, offering opportunities for networking and collaboration on smart infrastructure projects. 40+ speakers, strategic partnerships, and innovation-driven sessions

[Visit website](#)

Our Partners: