

Call for Abstracts

2nd Annual Conference on Foundation Decarbonization and Re-use

May 28 -30 2024 | KIT, Amsterdam, The Netherlands

www.foundationreuse.com

Hosted by:



Sponsored by:



www.foundationreuse.com

After the first edition in March 2023, KIVI and DFI Europe are eager to organize a second 3-day event on Decarbonization and Re-use of Foundations in Amsterdam, The Netherlands in May 2024.

In Amsterdam, the issue of the durability of the old timber pile foundations and their reuse is a recurring topic of endless debate, as was discussed already during the first edition. This can be because the loads have increased since the structure was first designed, as is the case with the bridges in Amsterdam, or because a new building is constructed to replace a structure that no longer meets the current requirements. This can provide insight for the many other places in the world where this issue is getting momentum, with urban centres being reconstructed and transformed, and the issue is also not limited to just timber piles.

How do you address the remaining service life of steel piles that may have been subjected to corrosion? Or how do you assess the bearing capacity of any foundation pile, for which the original design and construction data is no longer available? Or more generally, how do you decarbonize deep foundations?

In this second edition of the International Conference all these aspects will be covered in four sessions that will focus on the overall aspect of foundation decarbonization and reuse, the assessment of existing foundations, the design aspects associated with this topic, and finally the impact this approach will have on the construction phase. A special focus will be given to contractual and insurance aspects.

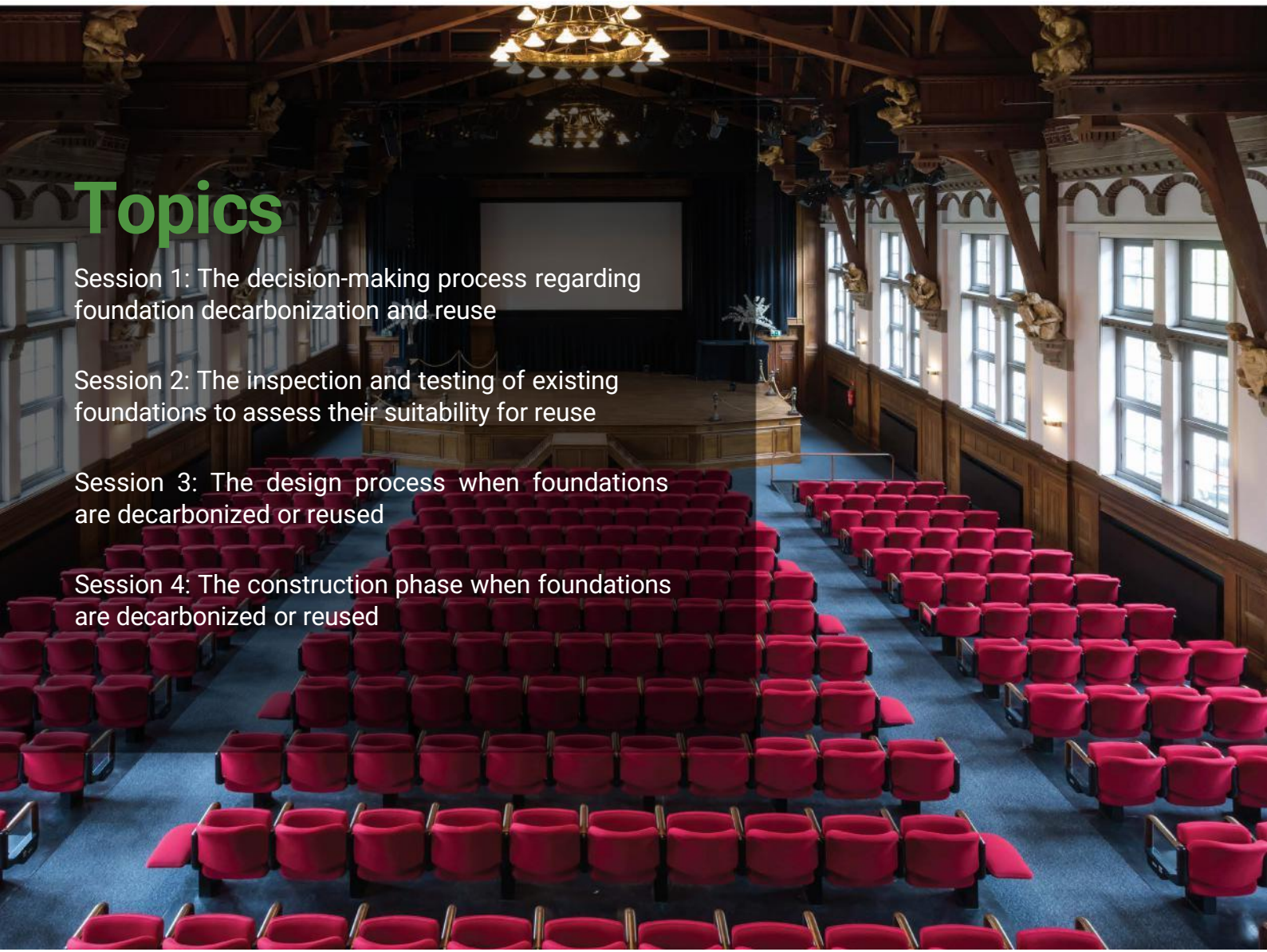
Topics

Session 1: The decision-making process regarding foundation decarbonization and reuse

Session 2: The inspection and testing of existing foundations to assess their suitability for reuse

Session 3: The design process when foundations are decarbonized or reused

Session 4: The construction phase when foundations are decarbonized or reused



Call for Abstracts/Papers

Abstracts (300 words or less) are requested from individuals interested to present at this event and should be submitted at abstracts@foundationreuse.com. In case the abstract is for a particular case study there is no requirement for a paper, but for all other abstracts a paper will be required once the abstract has been accepted preliminarily. The submission should clearly state for which session the abstract is submitted and in case of a case study, whether a paper will be prepared. All papers submitted will be subject to a peer review before the final decision is made whether the author(s) will be asked to present at the event.

The Conference format will be similar to the first one, with some enhancements, to capitalize on our first experience. Each session will be opened by a keynote speaker, after which papers from all around the world will be presented. The session will then close with an extended Q&A session with all the speakers. In addition, a panel discussion will be organized where the owner with his legal representation will discuss with an architect, a structural engineer, and a geotechnical engineer, the options to repurpose an existing structure that involves the reuse of the foundation.

On the third day of the event there will be a site visit of two or more job sites in or near Amsterdam, where foundations are reused to provide the attendees with practical information.

Key dates:

Abstract submission deadline	September 1, 2023
Abstract approval decision	October 1, 2023
Initial paper Submission deadline	December 15, 2023
Paper review and approval notification	January 15, 2024
Final paper submission deadline	March 15, 2024
Presentation submission deadline	May 8, 2024

For additional information visit www.foundationreuse.com or email the conference secretary, info@foundationreuse.com.



www.foundationreuse.com

