

eurac
research



SBE21

Sustainable Built Heritage

14-16 April 2020,
Bolzano/Bozen (Italy)

CALL FOR PROPOSALS

The group for **Energy Retrofit of Historic Buildings of Eurac Research** is glad to announce that it will host the conference: “SBE21 Sustainable Built Heritage: Renovating historic buildings for a low-carbon built heritage”.

CONFERENCE THEME

The conference will be dedicated to the sustainable improvement of the built heritage, a research area that has grown significantly over the last 10 years and that is currently gaining even more momentum. With a focus on “**Renovating historic buildings for a low-carbon built heritage**”, the conference will foster a **multidisciplinary dialogue** between scholars and practitioners working in the fields of **energy efficiency** and **historic building conservation** with the aim of finding together the solutions that will bring our common heritage into a sustainable future.

SBE21 Heritage warmly welcomes contributions from different research fields. We are looking forward to receiving submissions covering best practices of energy retrofit in the built heritage sector, conservation-compatible solutions, methodologies for a multidisciplinary design process with a focus on regional development and the Alpine Space in particular, and policy and decision-making tools and guidelines.

During SBE21 Heritage, three projects coordinated by Eurac Research will present their findings and achievements. With more than 30 partner organisations in 14 countries, [IEA-SHC Task59](#), [Interreg Alpine Space ATLAS](#) and [HyLAB](#) will offer SBE21 Heritage participants new perspectives on sustainability in the built heritage sector.

TOPICS

SBE21 Heritage will have a strong focus on the dissemination and discussion of relevant scientific results. The scientific committee will be looking for contributions in fields including, but not limited to:

1. **Policies, programs regulations and standards** that are relevant to sustainability and climate change issues for historic buildings and neighbourhoods
2. Design, construction and operation of solutions adapted to historic buildings and regional and local **climate change resilience**
3. Approaches to preserve and enhance **cultural landscapes** towards a low-carbon built environment
4. Renovating historic buildings towards **zero energy**
5. **Renewable energy integration** in historic buildings, conservation areas and cultural landscapes
6. **Embodied energy and carbon** and the use of LCA in the renovation of historic buildings
7. Use of design support **methods, tools and certification** in the energy retrofit of historic buildings
8. **Innovation in materials, products, and systems** for a low-carbon built heritage with particular attention to hygrothermal performance
9. **Performance upgrading and re-use** of buildings and building stocks for a low-carbon built heritage
10. In-depth **analysis of traditional practices** for their adaptation to a low-carbon built heritage, including modelling, monitoring and laboratory testing of materials, construction and design
11. **Training and education** to promote adoption of sustainable approaches in the built heritage
12. **Best practice examples** on all the above themes

The Scientific Committee will ensure the quality and geographic coverage of the contributions and the inclusion of a wide variety of topics, formats and speakers in the conference.

The deadline for abstract submission is the **15th of September 2020**. Proposals can be submitted only through our online submission system. Please read the [submission guidelines on the SBE21 Heritage website](#).

WORKSHOPS

SBE21 Heritage Scientific Committee also invites researchers and practitioners to submit proposals for workshops. These workshops are meant to serve as a platform to discuss any aspect related to the energy renovation of historic buildings, from purely technical aspects like hygrothermal performance to limitations in the integration of renewable energy systems or policy making.

The deadline for workshop proposals is **15th of October 2020**. Proposals should be submitted **by mail to sbe21heritage@eurac.edu** Please be sure to include:

- workshop name;
- short description (150 words);
- workshop format;
- scope and audience of the workshop;
- information about the procedure for selecting speakers and/or presentations;
- dissemination plan;
- expected number of participants.

A detailed template for the proposal of workshops can be found in the SBE21 Heritage website.

WHEN & WHERE



SBE21 Heritage will be held from 14th to 16th April 2021 in Bolzano/Bozen (Italy) at the **NOI Tech Park**.



CONFERENCE PROCEEDINGS

The series places a core emphasis on peer-reviewed papers and presentations of regional policy papers, displays of pre-evaluated projects and a small number of high-quality commercial exhibits. After peer review, all accepted papers will be published in the conference proceedings with IOP Publishing, which provides indexing in Scopus. See the results of **SBE19 Helsinki** and **SBE19 Graz** for reference.

KEY DATES

15.09.2020

Deadline for abstract submission

15.10.2020

Deadline for workshop proposals

31.03.2021

Deadline for registration

14.04.2021

SBE21 Heritage starts

ABOUT SBE SERIES




The **Sustainable Built Environment Conference Series (SBE Series)** was launched in 2000 and is now well-established as leading international series of conferences focusing on sustainability in the built environment. SBE Series is co-organised by four international organisations:



SBE21 Heritage HIGHLIGHTS

- Listen to inspiring keynote speakers, discuss “how to achieve a low-carbon built heritage”.
- Meet experts from over 14 countries involved in the partnering projects to discuss future project ideas on energy retrofit of historic buildings.
- Publish your contribution on a scientific high-level publication.
- Enjoy a rich social and entertainment program, including receptions, social dinner, and study tours.
- Discover the wonderful Dolomite Mountains and the magic atmosphere of Bolzano in Spring.

NEWS AND UPDATES

-  Visit the website sbe21heritage.eurac.edu
-  Subscribe to [SBE21 Heritage newsletter](#)
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Join the conversation on social media: [#SBE21Heritage](#)



The SBE21 Heritage Conference has received funding from the European Union's Interreg Alpine Space Programme via the ATLAS Project and from the Autonomous Province of Bolzano-Alto Adige via the HyLAB Project. The conference is also supported by the Solar Heating and Cooling Technology Collaboration Programme of the International Energy Agency.