REthinking Sustainability TOwards a Regenerative Economy

RESTORE FINAL ONLINE CONFERENCE 3RD DECEMBER 2020

Note:
1) The title should be as brief as possible; 2) Your abstract must not be longer than 300 words, and it should state briefly and clearly the purpose, methods, results and conclusions of the work; 3) Please provide a short CV + Foto for upload on www.eurestore.eu/restore-final-conference/.

Title:

Heritage conservation and community resilience: a pathway toward regenerative sustainability in the time of climate change

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Abstract: (max. 300 words)

Humankind has always dealt with the issue of maintaining, repairing, restoring and/or adapting their buildings to new uses to respond to the continuously changing needs. The contextualisation of these needs in the contemporary discourse requires extensive consideration on climate change and on how to take climate change action through a holistic and effective approach, involving both the natural and the built environment.
As the challenge of achieving sustainable development and successfully responding to a rapidly changing climate will largely depend on actions taken for urban centres, built environment professions are also urged to reflect on the potential impacts on heritage buildings, which may already be subject to strong pressure and risks related to decay, lack of maintenance and redundancy, on top of other vulnerabilities, such as hydro-geological instability, depopulation and abandonment following catastrophic natural events (e.g. earthquakes). Historic environments are also typically more sensitive to climatic changes which may cause additional leading to the loss of cultural value.
The conference presentation addresses the role of heritage in front of climate change, exploring how historic buildings and environments can become a driver for regenerative sustainability. Particular attention is given to heritage adaptation as an effective strategy to trigger climate change action and community resilience while meeting the UN's 2030 Agenda for Sustainable Development.

Keywords: (max.5, please use semicolons)

Heritage Conservation; Adaptation; Resilience; Regenerative Sustainability; Sustainable Development Goals.

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Funded by the Horizon 2020 Framework Programme of the European Union

Short CV: (max. 100 Words + Foto)

Dr Paola Boarin is a Senior Lecturer at the School of Architecture and Planning of the University of Auckland where she is the School Director of Architecture Programmes, the Architecture Technology and Sustainability Stream Leader and the Co-founder and Co-director of the Future Cities Research Hub. *Paola's research addresses the links between architecture, technology and environment, with a focus on sustainable conservation, retrofit and adaptation of existing and heritage buildings, regenerative design, post-occupancy evaluation and environmental sustainability assessment methods. In her capacity of Chair of the Technical Advisory Group 'Historic Building' for the Green Building Council of Italy, Paola led the development and publication of GBC Historic Building®, the first rating tool assessing the level of sustainability of conservation-related interventions on historic and character buildings.*	

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