



L-Università ta' Malta  
Faculty for the  
Built Environment

Department of  
Environmental  
Design



LIVING FUTURE  
EUROPE

# Regenerative Buildings: the future of building construction is now

📅 15 October 2021  
📍 Valletta Campus

Organised by Faculty for Built Environment, Department of Environmental Design (UM) and Living Future Europe

## The concept

The Built Environment sustainability agenda is currently focused on resource-efficiency (Water and Energy efficiency, conservation strategies, and Waste reduction) only. In this fashion, the design of buildings and city developments aims no higher than minimising their environmental impact. Instead, we should shift from a narrow focus on building energy performance, mitigation strategies to broader frameworks to enrich places, people, ecology, culture, and climate. In particular, a cultural shift is required since the EU's new Bauhaus strategy places the future of our built environment at the crossroads between art, culture, social inclusion, science and technology. Imagining future way of living in our cities must be a creative and interdisciplinary initiative.

The Regenerative Sustainability approach encompasses a solid scientific background when it comes to implement topics such as embodied carbon, biophilia, indoor acoustic, thermal, lighting comfort as well as indoor air quality just to mention a few. We can actually update a Winston Churchill's famous quote: since we spend 90% of our time indoors and although we design buildings, buildings ultimately shape us. For example, work environment can either mitigate indoor air pollutants or add to them, they can encourage or discourage physical activity. So, put simply, positive changes in our workplace environment can yield improved health outcomes.

The COVID-19 pandemic has put priority on stricter health and safety policies in indoor spaces. Besides this health crisis, understanding the drivers for health and wellbeing is an area of knowledge that it is poorly understood by most. End users, professionals, policymakers and the real estate industry at a large are still not aware of the overall benefits that it can enable.

This hybrid half-day seminar (15 October) will introduce the concept of Regenerative Buildings to a wider non-technical audience and the results of the four-year Horizon 2020 funded project called RESTORE, an acronym that stands for REthinking Sustainability TOwards a Regenerative Economy. Attendees will be introduced by RESTORE Representatives to the current state-of-the-art researches about Regenerative buildings, exemplary case studies and and the business case for health and wellbeing in real estate commercial development.

Local experts we will also join the discussion presenting some ongoing projects, and case studies. After the presentation session RESTORE representative and local experts will join a round table where a gap analysis will be conducted to understand Malta's standpoint towards an ecological transition to a Regenerative Economy. As a result of the round-table seminar proceedings will be shared to decision-makers, NGOs, and the real estate stakeholders. This event represents an introduction for an upcoming workshop for Architects and Engineers to be held in 2022.



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## Programme – Hybrid Seminar

08:30 – 09:00	<b>Registration</b>
09:00 – 09:15	<b>Welcome Speech</b> <i>Alex Torpiano (Dean, Faculty for the Built Environment, UM)</i>
09:15 – 10:45	<b>Regenerative Buildings – by RESTORE team (including Q&amp;A)</b> <b>Location: Online Session via Zoom (Recorded)</b> <i>Martin Brown   Carlo Battisti   Giulia Peretti   Emanuele Naboni</i>
10:45 – 11:00	<b>Coffee Break</b>
11:00 – 12:45	<b>Panel of Local Expert and Industrial case studies (including Q&amp;A)</b> <i>Moderator Luca Caruso</i> <b>Location: Hybrid Zoom and Valletta Campus Session</b> <i>Stefano Moncada   Sergio Leone   Daniel Micallef   Ruben P. Borg   Caldon Mercieca   Charles Yousif   Daniele Prosdocimo   Charles Xuereb</i>
12:45 – 14:00	<b>Light Lunch and Round Table Gap Analysis</b> <i>Moderator Wendy Jo Mifsud</i> <b>Location: Hybrid Zoom and Valletta Campus Session</b> <i>Abigail Cutajar   Amber Wismayer   Nika Levikov   Antoine Gatt   Experts from previous panels</i>
14:00 – 14:30	<b>Closing Remarks</b> <i>Vincent Buhagiar (Professor, Faculty for the Built Environment, UM) Andre Pizzuto   Malcom Zammit   Beatrice Migneco   Saces and UESA Representatives</i>

The Organisation team is monitoring the current pandemic situation.  
The event is subjected to the rules as mandated by the Health Authorities.



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## Speakers

**Alex Torpiano** (Dean, Faculty for Built the Environment, UM)

**Vincent Buhagiar** (Full Professor, Dept. Environmental Design,  
Faculty for the Built Environment, UM)

**Malcom Zammit** (President, Chamber of Engineers)

**Beatrice Migneco** (Malta Interior Design Association)

**Andre Pizzuto** (President, Kamra Tal Periti)

**Stefano Moncada** (Senior Lecturer, University of Malta)

**Sergio Leone** (Architect, Foundation for Medical Services)

**Daniel Micallef** (Senior Lecturer, UM)

**Simon P. Borg** (Head, Dept. Environmental Design,  
Faculty for the Built Environment, UM)

**Ruben P. Borg** (Associate Professor, Faculty for the Built Environment, UM)

**Caldon Mercieca** (Manager, Valletta Design Cluster)

**Charles Yousif** (Secretary General, Malta Energy Efficiency and  
Renewable Energies Association)

**Daniele Prosdocimo** (Head of Marketing, Valcucine Spa)

**Amber Wismayer** (AW Architecture and Design)

**Nika Levikov** (Manager, EITClimate Kic-Hub Malta)

**Abigail Cutajar** (Ing. and Advisor to the Minister at Ministry for Energy,  
Enterprise and Sustainable Development)

**Antoine Gatt** (Landscape Architect, UM)

**Martin Brown** (Fairsnape, Living Future Europe)

**Emanuele Naboni** (KADK, Professor at University of Parma)

**Giulia Peretti** (Architect, Real I.S.)

**Carlo Battisti** (President, Living Future Europe)

**Charles Xuereb** (CEO, Trident Estates plc)



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## Endorsements



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