



Vilnius, Lithuania – 13 Nov 2019

Place: Architektūros fakultetas, VGTU, [Pylimo g. 26, Vilnius, 3.10 auditorija.](#)

Living Building Challenge 4.0 Workshop

Carlo Battisti, International Living Future Institute, European Executive Director

Introduction

The Living Building Challenge 4.0 workshops deliver essential education on the path toward a regenerative future. LBC 4.0 focuses on the relationship between impact and effort. While LBC 4.0 continues the standard's mission of visionary, but attainable building goals, it also recognizes that not all projects face the same challenges or share in the same opportunities. Regenerative design should be attainable to everyone, everywhere. In that spirit, we are hosting workshops in communities across the country and around the world.

Living Building Challenge 4.0

The Living Building Challenge (LBC) calls for the creation of building projects that operate as cleanly, beautifully, and efficiently as nature's architecture. The LBC is the built environment's most rigorous performance standard. As a standard, it provides a holistic approach to high-performance building that aims to address health, community, equity, energy, water, and beyond.

The [LBC 4.0](#) is the next step in the evolution of the Living Building Challenge that continues the standard's mission of visionary but attainable building goals while also recognizing that not all projects face the same challenges or share in the same opportunities. LBC 4.0 provides a streamlined approach focused on maximizing a project's positive impacts specific to the place, community, and culture.

Description

The LBC 4.0 workshops will provide an in-depth overview of the Living Building Challenge – a philosophy, advocacy tool, and certification program that addresses development at all scales. LBC 4.0 is a holistic approach to high-performance building that aims to address health, community, equity, energy, water, and beyond.

Attendees will identify the key components of the Living Building Challenge and discuss the rationale for restorative design principles. Attendees will then address design strategies for meeting ambitious place, water, energy, and materials performance requirements and health, happiness, beauty, and equity design considerations. Upon completion of the workshop, attendees will be able to compare the certification pathways available to LBC project teams, explain the key reasons for the latest changes to the LBC and reference examples of how the Living Building Challenge is driving innovation.

Learning Objectives

1. Discuss the rationale for restorative design principles
2. Recognize financial, regulatory and behavioral barriers and incentives related to high-performance design
3. Describe the intents and requirements for designing high-performing, sustainable, and resilient building projects
4. Understand successful strategies for compliance with each performance area

Continuing Education

All workshops are approved for the below continuing education credits. Additional CEUs may be available for individual workshops with expanded agendas.

- 4 Foundational LFA CE credits
- 4 AIA LU | HSW

Workshops fulfill 4 Foundational LFA CE credits and can be reported as a substitute for the 'Understanding the Living Building Challenge' course.

Program (November 13, 2019)

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| 09:30-10:00 | Registration |
| 10:00-10:30 | Introduction to ILFI and LBC. Overview of LBC 4.0 Changes. |
| 10:30-11:25 | Place and Water Petals |
| 11:25-12:05 | Energy and Health + Happiness Petals |
| 12:05-12:50 | Break |
| 12:50-13:50 | Materials, Equity and Beauty Petals |
| 13:50-14:10 | Certification, Resources and FAQ |
| 14:10-14:30 | Wrap-up and Additional Questions |

Trainer - Carlo Battisti

Degree in Civil Engineering from the Politecnico of Milan, about twenty years of experience in construction companies. Master of Management and Organizational Development at MIP International Business School. Certified Project Manager IPMA®, LEED®, Living Future and WELL Accredited Professional. GBC Home AP, GBC Historic Building AP. USGBC® and WELL Faculty™.

Since 2009, he has been working with IDM South Tyrol (Italy) as an innovation manager in the Ecosystem Construction. From 2010 to 2011, he worked with the Energy and Environment Cluster of Trentino as manager of the business unit for sustainable products. From 2015 to 2016, he was the co-owner of a startup focused on LEED consulting.

In 2015, he co-founded the Living Future Italy Collaborative.

Since 2017, he's working with Eurac Research as Chair and Project Manager of the COST Action 16114 RESTORE (REthinking Sustainability TOWARDS a Regenerative Economy). The RESTORE COST Action (2017-2021) will affect a paradigm shift towards restorative sustainability for new and existing buildings and space design across Europe, through the collaboration of 160+ researchers from 40 European countries.

Since 2018 he is European Executive Director for the International Living Future Institute. The Institute's mission will hasten the change and provide needed direction towards a regenerative design transition in Europe. It is actively pursuing European market alignment and adaptations of the Living Building Challenge (LBC).