

SMART MOUNTAINS



XII European
Mountain
Convention

25 – 26 – 27
October 2022

How to make our territories attractive and
future-oriented?

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New European Bauhaus of the Mountains

Project by the Autonomous Province of Bozen / Bolzano,
EURAC Research, CasaClima Agency, Free University of Bozen /
Bolzano, Lungomare, Living Future Europe, Irecoop Alto Adige-Südtirol

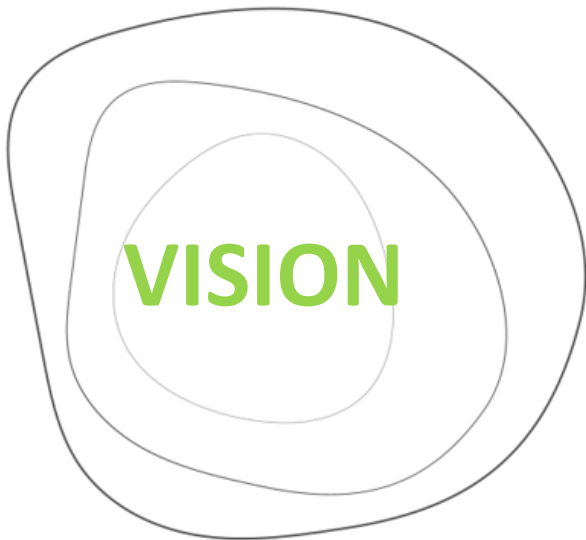
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research

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The New European Bauhaus concept has been launched officially in September 2020 by President Ursula von der Leyen.

South Tyrol has decided to take this opportunity to further develop the network of stakeholders that work on rural areas.

The NEB of the Mountains is a way of thinking, living, exploring—bringing together physically, but also virtually, different stakeholders dealing with mountain topics.



To promote the EU Green Deal goals in mountain areas.

Empower urban and rural mountain communities to mitigate and adapt to climate change in an inclusive way, by promoting the diversity of the specific sites in terms of the culture, and valorizing design, architecture, arts and the creative industries together with energy efficiency as well as technology in a trans-disciplinary perspective.



The initiative aims to reach out to everybody **who feels the mountains in its heart and soul** and wants to live in a harmonious way within this exciting setting.

Some of the stakeholders:

- Artists
- Activists
- Designers
- Architects
- Students
- Scientists
- Engineers
- Creative minds from all disciplines
- Policy makers
- Interested citizens

7 Thematic Clusters

7 thematic clusters:

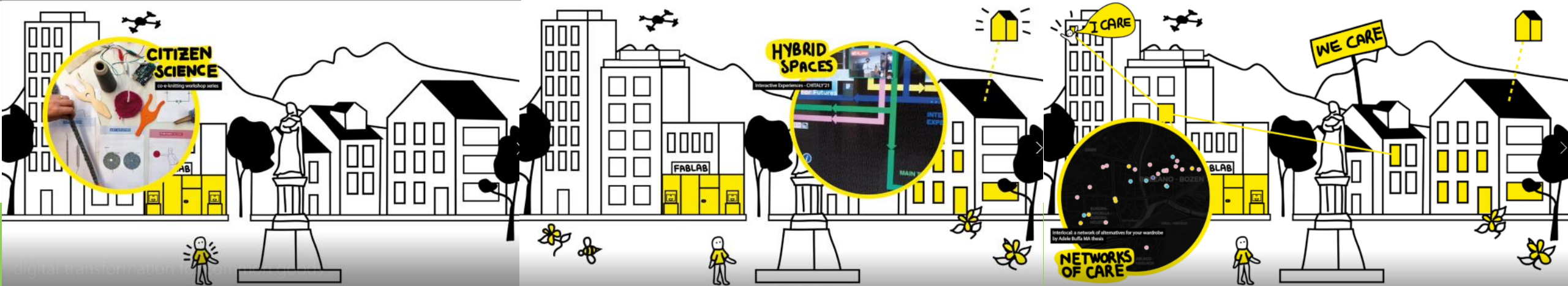
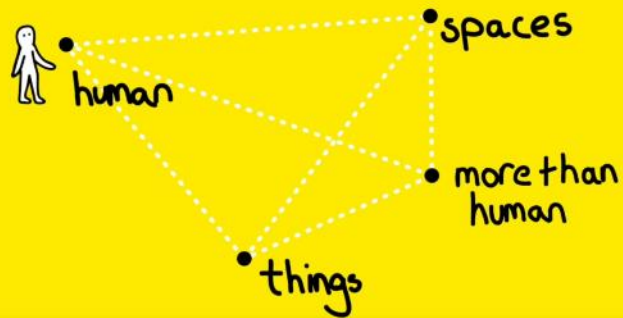
- Circular Design and Bio-Economy
- Digital transformations for the common good
- Education through Art and Design
- Design and Art of Democracy
- Creative Industries and Inclusive Society
- Valorization of sustainable and beautiful built environment
- Sustainability and affordable housing.

DIGITAL TRANSFORMATION

TRANSFORMATION



digital transformation for common goods



TRANSFORMATION

D U R C H

PARTIZIPATION



The project is driving the following transformations on the ground:

Improve the local capacities and the **mindset** via:

- awareness rising activity (at local level)
- training/education new generations on innovative themes as circular design, bioeconomy, socio-ecological transition, new educational tools for sustainable futures.

Regeneration of public spaces and buildings in mountain areas, via:

- implementation of projects and socially acceptable solutions related to energy efficiency, use of RES, local-natural materials and know-how capacities
- green, digital and resilient solutions
- citizen participation, co-planning and community development.

Project milestones:

- Participation to the NEB Festival with side events in Bolzano (June 2022)
- Organization of the NEB of the Mountains Public Conference and workshops during the Klimahouse Fair (May 2022)
- Launching of the Project Website → <http://mountainbauhaus.eu/>
- Organization of cross-thematic workshops during the year
- Future collaborations on projects at EU level

NEW EUROPEAN BAUHAUS OF THE MOUNTAINS BEAUTIFUL, SUSTAINABLE, TOGETHER



NEB KLIMAHOUSE

A WINDOW ON THE NEW EUROPEAN BAUHAUS OF THE MOUNTAINS FESTIVAL 11 JUNE BOLZANO



mountainbauhaus.eu



unibz

eurac research



lungomare/



<https://www.cultural-e.eu/>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N. 870072.

The Gardens Elderly Center / Örebro, Sweden / Designed by: Marge Architects / Photo by: Johan Fowelin

Climate and cultural-based solutions for Plus Energy Buildings



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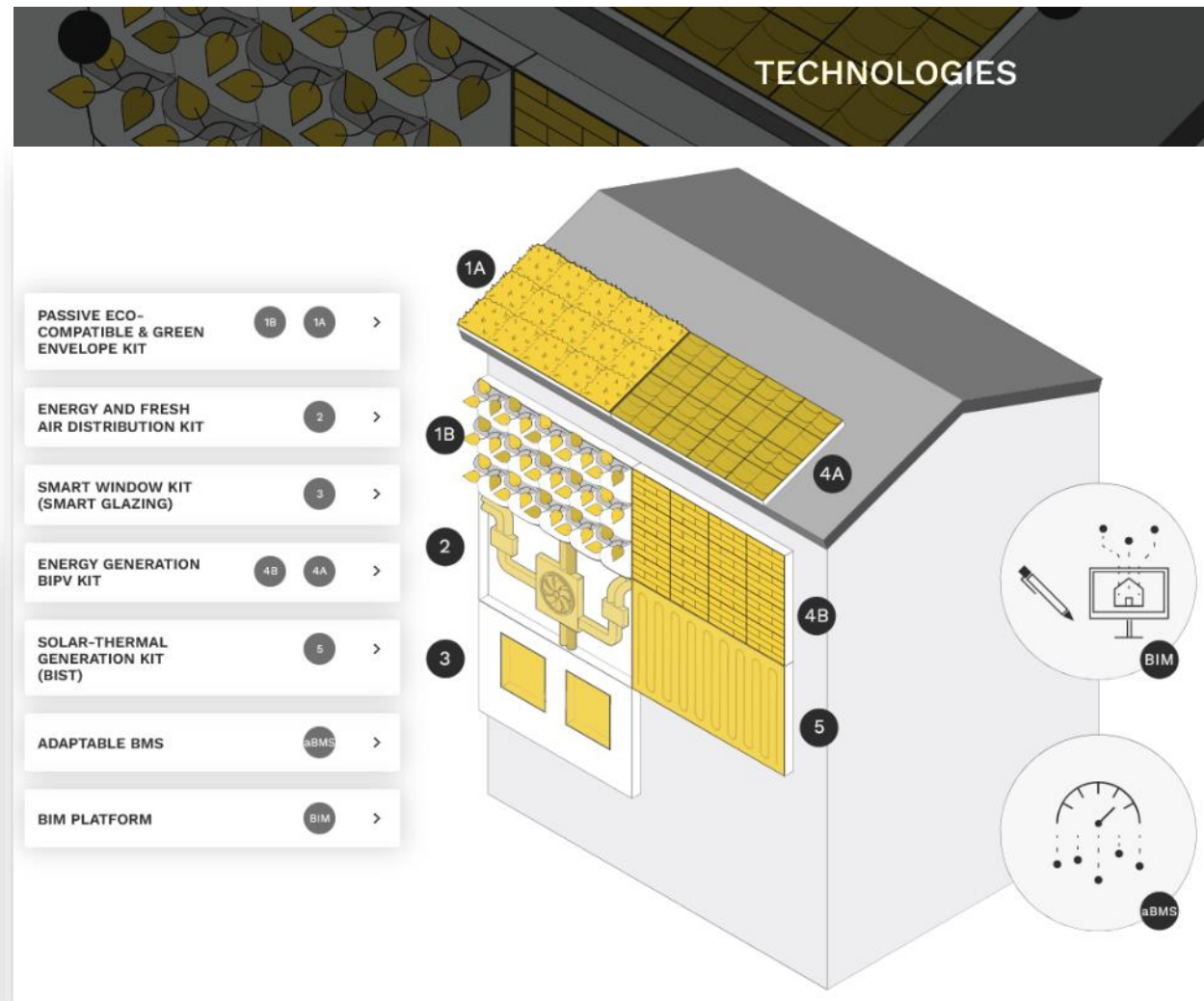
Industrialised durable building envelope retrofitting by all-in-one interconnected technology solutions

CASE STUDIES

INFINITE solutions for building renovation will be tested in both real and virtual environments

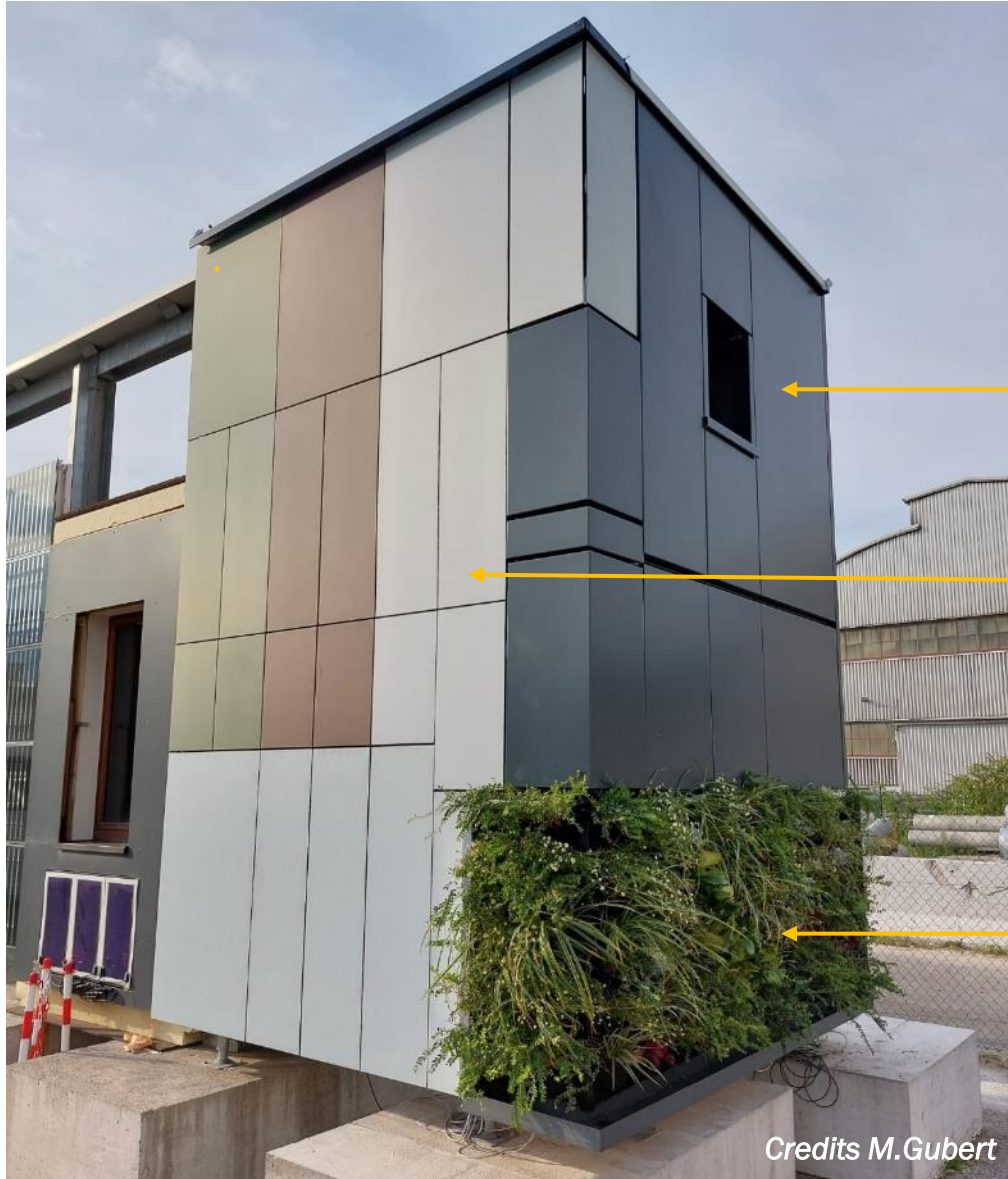


<https://infinitebuildingrenovation.eu/>



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Credits M.Gubert



**Building Integrated Solar Thermal panels
BIST**

Building Integrated Photovoltaic Panels

**Building integrated
Living Wall GREEN facade**

<https://infinitebuildingrenovation.eu/>



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THANK YOU / MERCI / GRAZIE!

