

Press information

# The Future of Building

## Vernacular + Visionary = Future

CALL FOR PROJECT, IDEA OR PRACTICE

**Research for new solutions for the built environment as a result of low tech and visionary technologies in times of climate change**

### ORGANIZER

HDA – House of Architecture, Graz

### in cooperation with

TU Graz, Institute of Design in Existing Structures and Architectural Heritage Protection

TU Graz, Chair of Sustainable Building

University of Stuttgart, Faculty of Architecture and Urban Planning, Institute of Building Construction, Chair 2 of Building Construction, Building Technology and Design

**Within the framework of the LINA Call for Projects, young talents can apply and, after a preliminary selection process, participate in exhibitions, biennials, lectures, workshops, publications, etc. throughout Europe.**

**The deadline for applications is September 12, 2022**



Filmstill: Robin Klengel / Total Refusal



## The Future of Building

### Vernacular + Visionary = Future

Climate change is one of the biggest challenges of our time and the consequences of climate change are already making themselves felt globally. Extreme weather events are becoming increasingly common. Statistically, heat waves, storms and floods are getting more and more intense and it is likely that storms will continue to increase in frequency in the future. In the framework of the European programme LINA we are organising workshops and seminars with experts and planners on this topic.

**This project aims to respond to climate challenges in the construction industry and find workable solutions by researching and combining well-established and new research results in the field of construction methods and materials – bringing together the all-time best.**

#### CONTEXT

In different regions and climate zones, people have always found ways to adapt to the climate and environmental conditions. Traditional building methods have been passed down the generations and gradually optimised. This means there is no need to start from scratch – the techniques have been developed and trialled over hundreds of years by different cultures and societies. These approaches include some basic decisions that have to be taken right at the beginning of a project, such as:

**LOCATION:** The choice of where to locate the development – on a riverbank, on a hill or in a valley, between trees or in a clearing. This decision forms the context for the chosen living environment and is the first early step towards a sustainable construction method.

**DENSITY:** The “climate-proof city” forms the overall connection between different buildings in a regional context. The space in between offers, for example, the opportunity to control light and shade, warmth and fresh air. It also protects privacy and offers social space where people can come together. Mixed usage means short distances between housing, workplaces, amenities and recreational facilities – a type of network that is ideal.

**NATURE:** Integrating green spaces creates areas for food production and local recreation as well as protecting built-up areas from overheating.

**MATERIAL:** In the past, locally available building materials defined and limited the options available, something that is mostly no longer the case today. Many building materials were reused multiple times – old buildings that were no longer used were taken down and the building components repurposed elsewhere. We are looking for building typologies that are based on proven methods and can be combined with new research results and visionary new materials.

#### WORKSHOPS/SEMINARS

The aim is to put together a collection of traditional construction methods and combine this with visionary new techniques and research results to take them to the next level, creating

new building typologies/prototypes. Making careful use of materials and energy in the building process is of course central to our endeavours. We are looking for building typologies that build on tried and tested methods and can be combined with new research results to form innovative, resilient buildings.

## **HDA-PROGRAMME**

### **PART 1**

13.2 – 12.3.2023 | Springschool in the HDA in Graz

#### **LOW-TEC AND VISIONARY TRANSDISCIPLINARY CLIMATE-FRIENDLY BUILDING METHODS**

Reviews and Research – Vernacular and Visionary Examples throughout Space and Time  
German/English

The first step will be to select examples of successful typologies, building methods and materials. These will be complemented by innovative examples from the field of current research – including, for example, new surfaces for harvesting solar energy, rust resistant reinforcement, new material compositions and 3D-printed constructions to conserve material.

Field trips and lectures by invited experts accompany the programme.

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## **LINA**

Learning, Interacting and Networking in Architecture – European architecture platform

### **THE PROJECT**

LINA is a network of European cultural institutions and events that supports young architects and creatives, offering them an international platform. 27 institutions from 23 countries belong to the network. These include Fondazione Maxxi in Rome, SAM in Basel, Copenhagen Architecture Festival, Irish Architecture Foundation, Dani arhitekture Sarajevo, Trienal de Arquitectura de Lisboa, Kosovo Architecture Foundation, Theatrum Mundi Paris, VIPER Gallery Praha, HDA Graz, Fundacio Mies van den Rohe Barcelona, Oslo Architecture Triennale and Design Academy Eindhoven.

The acronym 'LINA' stands for: 'Learning, Interacting and Networking in Architecture'. But the name is also a reference to renowned Brazilian architect Lina Bo Bardi, whose values are still relevant today.

The LINA platform is coordinated by the Faculty of Architecture at the University of Ljubljana in Slovenia together with its founder Matevž Čelik from Ljubljana.

### **THE PROGRAMME**

Young talents can participate in annual tenders and, after successfully going through a selection process, can take part in, for example, exhibitions, biennales, talks, workshops and publications.

LINA's programme is based on the idea of a future-oriented platform that presents suggestions by young experts, researchers and designers on how to cope with the environmental changes in Europe and across the world. The aim is to ask questions and work on new suggestions on how to shape and improve our living environment. A further objective of the platform is to investigate new models of

creative cooperation that can give future generations in Europe a new perspective, thus contributing to a balanced development of the European economy, living environment and society as a whole.

**HDA**

The House of Architecture is a network partner of the LINA programme. The three-year programme at the HDA focusses on the topic of climate change and the extreme weather events it causes.

**Call Information** on the HDA website

<https://hda-graz.at/en/programme/lina-call-for-projects-2023>

**Press images** can be found under the following link:

<https://hda-graz.at/en/press-area-hda/press-information-lina-learning-interacting-and-networking-in-architecture>

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