



# circular strategies

## Towards a Sustainable Built Environment

Symposium—2 October 2020

University of Applied Arts Vienna

Join Zoom Meeting <https://zoom.us/j/97789227836>

Meeting ID: 977 8922 7836

### LECTURES AND CONTRIBUTIONS

#### Why Circular Strategies?

Karin Raith, University of Applied Arts Vienna

#### Energy Revolutions and Material Cycling in Earth and Human History

Helga Weisz, Potsdam Institute for Climate Impact Research and Humboldt-University Berlin, Germany

#### The Nature of Building

Harquitectes, Sabadell, Spain

#### Re:use, Experimental Approach and Practical Application

Carola Stabauer, enster, Harvest MAP, TU Wien, Austria

#### Form Follows Availability—Designing Load-bearing Structures Through Component Reuse

Jan Brütting, EPFL, Lausanne, Switzerland

#### Urban Mining Design: Circular Economy Building Strategy

Annette Hillebrandt, Prof. of Construction | Design | Material, Bergische Universität Wuppertal, Germany

#### Three Reuse Projects in Pearl River Delta

Ying Jiang, O-Office Architects, Guangzhou, China

#### It's Already There—Augmenting Matter and Meaning through Architectural Reuse

Gert Kwekkeboom, Civic Architects, Amsterdam, Netherlands

#### Architectonic Lifecycle Management

Muck Petzet, Munich / Berlin, Germany

#### The Role of Material Stock Patterns for Societies' Resource Use and Well-being

Helmut Haberl, Institute of Social Ecology, University of Natural Resources and Life Sciences, Vienna, Austria

#### Masterplanning the Adaptive City

Sergio Porta, University of Strathclyde, Glasgow, Scotland

#### The City Territory as a Renewable Resource

Paola Viganò, Milan / Brussels, EPFL Lausanne and IUAV Venice

### MODERATION

Wojciech Czaja, Vienna

### CONCEPT AND ORGANISATION

Karin Raith and Lukas Allner, Building Construction / Institute of Architecture, University of Applied Arts Vienna

### FURTHER INFORMATION

[dieangewandte.at](http://dieangewandte.at)

[i-o-a.at](http://i-o-a.at)

[buildingconstruction.at](http://buildingconstruction.at)

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The Circular Strategies Symposium of the University of Applied Arts Vienna is a cooperation with the Vienna Design Week.

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The climate crisis and scarcity of resources are forcing us to reduce the ecological footprint of architecture and urban development, but this obligation also opens up new opportunities for cultural expression. The principles of circular economy play an important role in approaches to sustainable architecture. The symposium will address this topic on different scales—from building components to the

urban fabric—and under two aspects: How can existing materials, buildings and urban areas be adapted and reused, and how can components, architectural objects and cities be designed for future reuse and transformation? International experts from the fields of architecture and social ecology will present various concepts and discuss them with the audience.