

EURA 2022 Conference

# Defrag-Europe: fragility/antifragility at play in contemporary Europe

BOOK OF ABSTRACTS



## **EURA 2022 Conference**

# **Defrag-Europe: fragility/antifragility at play in contemporary Europe**

This Book of abstracts has been edited by **Mina Akhavan, Abdallah Jreij, Dafni Riga, Sajjad Zolfigol, Valeria Fedeli**

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# Governance of transition

## TRACK CHAIRS

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New alliances, approaches, and a constellation of practices are emerging in contexts dense with un-responded societal needs and different in nature and forms of fragility. In their local manifestations, systemic crises (from pandemics to climate change) often reveal deep-seated societal problems, which require a profound shift away from socially and ecologically unsustainable practices. A groundswell of experiments has emerged in recognition of and response to the urgent need for transition. Such attempts may emerge to fill institutional and organisational gaps or to support institutional actors with limited capacity or power to activate transformative dynamics in the face of complex socio-technical challenges. Still, they might question the very way these challenges are defined and addressed, proposing alternative discourses and claiming different modes of action.

Within this perspective, Track 5 aims to reflect on sustainability transition, exploring what are its possible trajectories as observed in empirical and real-world settings. In particular, the track focuses on agencies shaping or activating transition dynamics and transformative resources at multiple levels. Also, it discusses the potentials and criticalities of transition governance models and approaches, particularly investigating the role of learning and experimentation. A further reflection revolves around emerging narratives and inspiring stories - from early evidence of transformative tensions to long-term consolidated systemic changes at the urban scale.

The track seeks to unveil under which conditions can fragile territories, cities and neighbourhoods contribute to identifying collective, local, and place-sensitive responses, e.g. related to climate-related and water risks, environmental and sustainability issues, as well as community and social vulnerabilities.

### SESSION 1

#### AGENCIES OF TRANSITION - actors, community and power

Chair: **Le Anh Nguyen Long**  
University of Twente

**FRIDAY 17/6 \_ 11.20 - 13.00**  
**ROOM 16 C03**

**Maria Cerreta, Laura Lieto, Chiara Mazzarella**  
Socio-spatial infrastructures as transformative resources in collaborative governance

**Valeria Monno**  
Exploring the transformative potential of collective actions for socio-environmental sustainability

**Dasom Lee, David J. Hess**  
Energy transitions and political conservatism: geopolitical context and political barriers

**Iolanda Bianchi**  
Commons-state institutions in new municipalist contexts: Naples and Barcelona

### SESSION 2

#### TRANSITION GOVERNANCE - models, resources and criticalities

Chair: **Irene Bianchi**  
DAStU - Politecnico di Milano

**FRIDAY 17/6 \_ 9.00 - 11.00**  
**ROOM 16 C03**

**Emma Puerari, Jotte I.J.C. De Koning**  
Service governance and design for transformative inner areas

**Raffaele Giordano**  
System-thinking approach for overcoming the institutional fragmentation

**Dóra Hegyi**  
Exploring digitalisation driven opportunities to mainstream water sensitive practices in Berlin

**David Ludlow**  
New models of smart city governance transition

**Fritz-Julius Grafe**  
Fragile spaces of climate finance

### SESSION 3

#### INSIDE TRANSITION - tools, methods and perspectives

Chair: **Irene Bianchi**  
DAStU - Politecnico di Milano

**FRIDAY 17/6 \_ 11.20 - 13.00**  
**ROOM 16 C03**

**Tosoni Ilaria**  
Impact potential of innovation-niches in fragile urban contexts: the case of Designscapes pilots

**Gremina Elmazi**  
Spatial narratives of a city in constant transition

**Justyna Slawska**  
Tradeoffs between local government and interest groups in land use changes in Poland

**Scira Menoni, Anna Faiella**  
Enhanced loss data for improved urban planning and management

### SESSION 4

#### TRANSITION EXPERIMENTATIONS - seeds of change

Chair: **Grazia Concilio**  
DAStU - Politecnico di Milano

**FRIDAY 17/6 \_ 14.00 - 16.00**  
**ROOM 16 C03**

**Einar Braathen, Anders Eika, Svein O. Borgen**  
Living labs - a tool in urban transformation?

**Tieza Mica Santos, Dresden Leibniz**  
Transforming urban water systems through a Social Ecological Technological co-creation framework

**Lee Dahae**  
Public space management networks

**Elena Ferraioli, Giovanni Litt, Filippo Magni, Giulia Lucertini**  
Local framework and multilevel governance toward Climate transition strategy

**Sean Bradley, Israa H. Mahmoud, Alessandro Arlati**  
Integrated collaborative governance approaches towards urban transformation

SESSION 4  
**TRANSITION**  
**EXPERIMENTATIONS**  
**- seeds of change**

## LOCAL FRAMEWORK AND MULTILEVEL GOVERNANCE TOWARD CLIMATE TRANSITION STRATEGY

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### Keywords:

climate transition, urban resilience, territorial governance

Our societies are currently facing urgent global crises due to climate change and biodiversity loss, which are causing and will increasingly cause irreversible impacts in the future. For this reason, in recent decades, adaptation and mitigation measures have become increasingly important, both because of the physical need for territories to identify sensitive responses to the sustainability challenge and because of the growth of collective awareness on climate-related risks. Despite numerous and increasing efforts, Italian administrations at various levels often find it difficult to effectively activate transformative dynamics because of many strategic and technical gaps. The Climate Transition Strategies promoted (CTS) by the Call for ideas “Strategia Clima” of Fondazione Cariplo tried to compensate these gaps and to support the implementation of urban transition policies. To respond effectively to the need for urban contexts to adapt to climate impacts and to promote development and management models capable of increasing territorial resilience, the Call has brought to the definition of four CTS: two carried out by single municipalities (Brescia and Bergamo), two by aggregations of municipalities (West Brianza and Mantua). The example of partnerships is particularly significant in demonstrating the effectiveness of this strategic tool since they can provide a broader context for action, increase the effectiveness of actions and optimize resources. The common methodology implemented for both processes led to the adoption of: - organic and well-defined coordination structure; - updated and cross-cutting knowledge framework; - shared vision and strategic objectives; - synergic framework of actions; - mainstreaming of planning instruments. Through the technical framework and the methodology implemented, the CTSs can activate inter-municipal transformative actions through the mainstreaming of planning tools, the construction of a medium-long-term vision, and the identification of concrete and widespread actions to be implemented in the territory. These documents, coordinated and shared by the administrations with the stakeholders, can also give stability, coherence, and continuity to adaptation processes involving different stakeholders and sectors of the PA. Finally, they favour the implementation and multidisciplinary of policies for territorial resilience on a large scale that would otherwise be difficult to achieve.

### References

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