



TRANS-URBAN-EU-CHINA

Transition towards urban sustainability through socially integrative cities in the EU and in China

Deliverable

D6.9 ONLINE COMPENDIUM

Compendium of tools and measures to strengthen and accelerate the transition towards socially integrative cities and good practice examples



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COMPENDIUM – Online Compendium of Tools for Socially Integrative Cities

Description

The **COMPENDIUM** aims to serve as an inspiration for making urban development more sustainable and socially integrative. It is an online instrument where interested parties from practice and academia can find a collection of 38 tools and measures, which are apt and have proven in documented good practice examples to contribute to strengthening and accelerating the transition towards socially integrative cities in Europe and/or China. The compilation of the described tools and measures play an important role as a coordinated joint result across all workpackages of the project. Consequently, more information about the tools and measures can be found under the respective project deliverables of workpackages 1 to 5.

The short articles, which describe the tools, follow an identical structure: First, the authors, mentioned at the end of each contribution, summarise the purpose of the respective instrument. Afterwards, they depict its relevance and impact, including a description of whether and how the instrument was tested within the framework of the urban living lab activities of the project, as well as its strengths and weaknesses. Finally, they refer to documented good practice examples from Europe and/or China. References complete each description. If possible, additional visual material is provided. Moreover, the authors mention links where additional material regarding good practice examples can be found.

The TRANS-URBAN-EU-CHINA partners, while analysing good practice examples in Europe and China, identified and compiled a set of 38 tools and measures for strengthening and accelerating the transition towards socially integrative cities in Europe and/or China. Furthermore, they discussed these instruments and their application/applicability with practitioners from China and Europe, especially during urban living lab oriented online workshops in 2020.

In a few cases, tools were explicitly tested in the urban living lab context, especially if they were newly developed by TRANS-URBAN-EU-CHINA partners during the project, such as the SITEE Replicability Tool. However, due to the Covid-19 crisis, in most cases, project partners could only analyse the application and applicability of tools based on good practice examples from cities in Europe and/or China and online discussions with experts from practice and academia. Thus, the innovation of the COMPENDIUM mainly consists in bringing this array of 38 tools together, as it was not possible to explicitly test all of them during the project period.

The section about the relevance and impact of tools describes in each case whether a tool has been tested on a large scale in the project or whether it was only discussed with practitioners from China and Europe during online workshops in 2020. In cases in which a tool was explicitly tested in the framework of TRANS-URBAN-EU-CHINA (e.g., SITEE Replicability Tool), the results are described and discussed in the same section. In all cases, Chinese practitioners showed their interest in the proposed tools, and confirmed, in general, their potential applicability in the Chinese context.

Contents

The COMPENDIUM contains descriptions of the following tools and measures:

1. Adaptive reuse
2. Agile Project Management
3. Allocation of municipal plots with application procedure (concept award)
4. Awareness Raising

5. Calculation tool for multifunctional sustainable roofs
6. Capacity Building
7. Capacity Development
8. Citizen Participation
9. Common Space Co-building
10. Community Mapping
11. Comprehensive Renewal Procedure
12. Community Planning

13. Design Code
14. Digital Planning Tool
15. Dynamic balance of farmland occupation and reclamation

16. Education festival
17. Engagement of stakeholders by online communities (CoC)

18. Formal Plan

19. Guidelines for detecting the impacting factors for air pollution and estimating costs for air pollution control

20. Integrated Urban Development Planning (IUDP)

21. Land banking system
22. Land Quota System
23. Living lab approach

24. Methodologies for the Evaluation of External Costs of Transport
25. Monitoring & Evaluation
26. Multi-Actor Governance

27. Online dissemination and living labs for knowledge exchange

28. Participatory Budgeting
29. Participatory Urban Gardening
30. People-centered urban regeneration in historic districts
31. Public interim purchase
32. Public private partnership

33. Sectoral Housing Plan (SHP)
34. SITEE Replicability Tool
35. Storytelling
36. Subsidies

37. Temporary Use

38. Urban Contract

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Website

<http://transurbaneuchina.eu/online-compedium/>