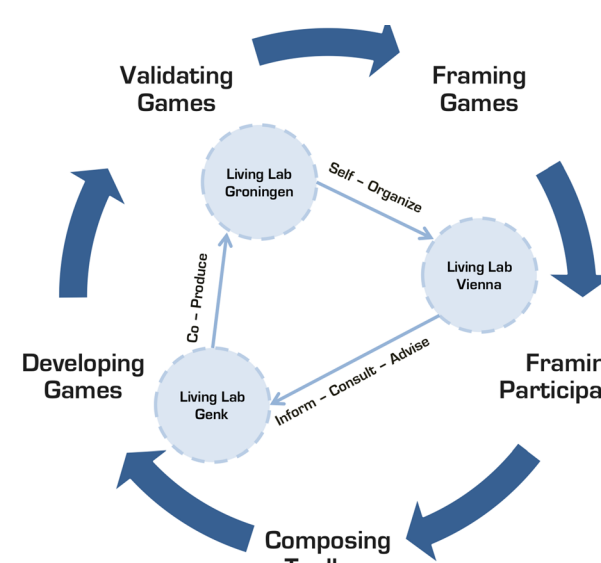
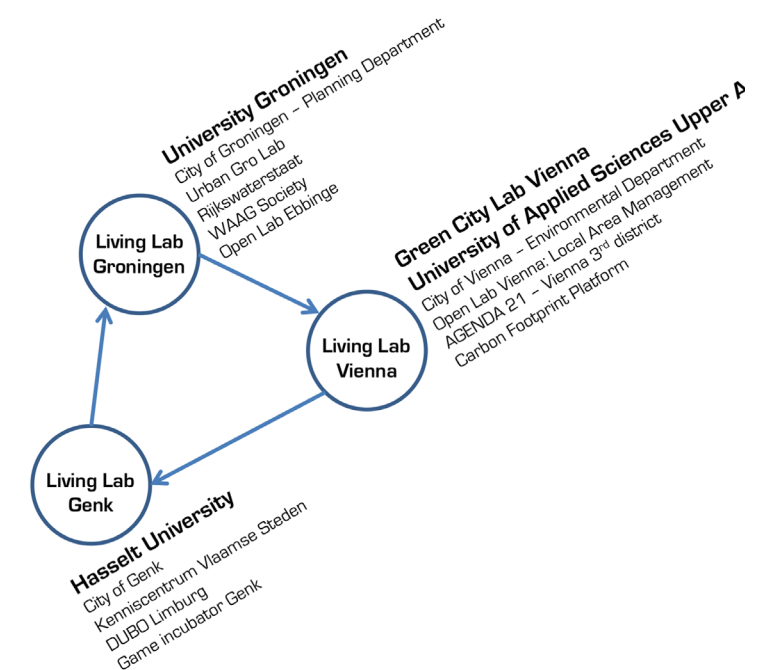


play!UC

Complex urban projects require involvement of a variety of stakeholders and even though there is a number of participatory methods and approaches for civic city making developed, challenges like long-term engagement, trust-building, participation-asymmetries or decision making remain. But civic engagement reaches further – it bears the potential to contribute to sustainable transition pathways towards more resilient and inclusive cities and communities.

There is a divide between aspiration and the probability of counter-productive effects and trajectories that policies or decision-making is again performed of an exclusive community. Games have been put forwards since the Sixties as an approach to overcome challenges of participation and civic city making to foster cooperation, learning and understanding. play!UC investigates to what extent analogue and computer games can be used to support civic processes in urban settings.



Aim/objective

- Link complex urban problems, participation, behavioural sciences and serious gaming
- Use the complementary specific competences of the involved partners
- Ensure mid- and long-term transfer of knowledge to relevant actors
- Develop novel technological methods and approaches of co-located serious games

Approaches/methods

- Different levels of participation require different types of games
- Three different living labs (Vienna (AT), Hasselt (BE), Groningen (NL))
- Focus on reducing carbon footprint and main actor group of young adults

Expected results and impacts

- A game toolbox for a series of prototypical participatory objectives
- A number of games, validated via Living Labs
- A method for validating the impact of games within participatory processes
- Operational guidelines for spatial planners, policy makers, participation professionals and game developers on how to use co-located serious games to support participatory processes

Involved cities

- Genk
- Groningen
- Vienna

play!UC – Playing with urban complexity: using co-located serious games to reduce the urban carbon footprint among young adults

Duration: 2014–2017

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Partners: Hasselt University Researchgroup ArcK, FH OOE Research Center Hagenberg HGB – gLab, Green City Lab Vienna, University of Groningen



About JPI Urban Europe

JPI Urban Europe is a transnational research and innovation programme on urban transition. With the ambition to develop and validate new solutions for sustainable and liveable cities, a cooperation platform and programme is provided to connect urban stakeholders, researchers, cities, business and society

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