



Scaling-up Challenge Session European Research & Innovation Conference workshop (DG RTD & EASME)



Tuesday 3 September (14.00-17.30)
Concert Hall M2
Thessaloniki





The 'Scaling-up Challenge Session' will:

- Discuss the impact of EU R&I findings on Cities as open Living Labs
- Discuss how to scale-up solutions in European cities and beyond
- Discuss and comment the chapters of the European Commission High-Level Expert Group (HLEG) Report '**the human-centred city: opportunities for citizens through Research & Innovation**'. The Report will advise the European Commission on how to formulate its future strategies on research and innovation on innovating cities, particularly in view of the forthcoming Framework Programme for Research & Innovation Horizon Europe and the Mission on "Climate Neutral and Smart Cities".

Why: This scaling up workshop offers the opportunity to Institutions, cities, citizens, civil society, NGOs, SMEs, practitioners, industry and all urban actors to share, debate and respond to challenges related to impact assessment, scaling up, interoperability, replicability and more in Europe and beyond.

OVERALL INTRODUCTION (14:00 -14:15)

Jean-François AGUINAGA (DG Research and Innovation, European Commission)

Patrik KOLAR (EASME, Executive Agency for Small and Medium Enterprises, European Commission)

ROUND-TABLE DISCUSSION PART 1 (14:15-15:45)

“How European Research & Innovation investments support Cities to become sustainable urban Living Labs”?

Aim: The workshop part 1, aims to transfer knowledge across different cities and urban actors with their civil servants, policy makers, Living Lab coordinators, H2020 coordinators of city related projects, academia and private sector. The main focus is on best R&I practices, and impact in cities and the life of citizens and innovative participatory processes and tools that contributed to successful implementation of solutions in cities.

Participants have been selected among the network of EU cities participating to Horizon 2020 (H2020) projects and representatives of the ENOLL network and experts.

How: Twelve Research & Innovation (R&I) parallel round-table discussions will take place at the same time. Each of them will host 6 participants supported by a moderator who will strive the discussion by using the ‘Lotus Blossom’ and other similar methodologies

The harvesting of each discussion will be ensured by one of the participants. The main highlights of the round table discussions will be reported by the rapporteurs and chairs to the second part of the workshop.

For each thematic round-table, each participant will share her/his views on the topic discussed based on her/his experience in their city and/ or in the H2020 project represented. No formal presentation or power point is foreseen.

The three main points will be discussed are: :

- (i) Examples of tools/solutions, impact (systemic, cross-sectorial and solutions) implemented in cities that can be replicated, adapted and up-scaled by other European cities and beyond;
- (ii) Examples of best used processes, methods (participatory multi-stakeholder, co-creation etc.) already implemented in cities that could be further advanced and scaled-up to other European cities and beyond;
- (iii) The above issues are dealt within the thematic area of each round table discussion and the High-level Expert Group report.

Round-table A1: 'Climate and Water Resilient Cities'

The round-table will discuss how EU R&I can foster the transition towards more resilient cities, particularly tackling climate change related hazards (including water related) to reach the targets of the ['2030 Agenda for Sustainable Development'](#) and [the Sustainable Development Goal 11](#).

The round-table will comment on the HLEG Report chapter "Resilience".

Moderator: Andrea Rubini, Director of Operations at 'Water Europe Technology and Innovation', Brussels area, Belgium

Rapporteur: Gerard den Boer, Amsterdam icapital of innovation 2016, Netherlands

Composition of Round-table A1

1. Erik De Bruyn, City of Antwerp, H2020 project "Climate-fit.City - Pan-European Urban Climate Services".
2. Bernd Paulowitz, City of Hamburg World Heritage Coordinator, H2020 project "ARCH - Advancing Resilience of historic areas against Climate-related and other Hazards".
3. Kleio Monokrousou, NTUA, H2020 project "NextGen - Towards a next generation of water systems and services for the circular economy".
4. Jonny Sadler, Manchester Climate Change Agency, H2020 project "Grow Green -Green Cities for Climate and Water Resilience, Sustainable Economic Growth, Healthy Citizens and Environments".
5. Dirk Van der Stede, Flanders Knowledge Centre Water, Belgium

Round-table A2: 'Human and Nature Centred Cities'

The round-table will discuss how EU R&I can foster new systemic development patterns putting people at the centre of their policies, combining digital, technological, social and nature-based solutions.

The Round-table will comment on the HLEG report chapter: "People"

Moderator: Charles Landry, Chair of the High-Level Expert Group on Innovating Cities

Rapporteur: Kati Takaluoma, Helsinki

Composition of Round-table A2

1. Nathalie Nunes, Universidade de Coimbra, H2020 project "Urbinat. Healthy corridors as drivers of social housing neighbourhoods for the co-creation of social, environmental and marketable NBS".
2. Riccardo Saraco, city of Turin, H2020 project "ProGireg - Productive Green Infrastructure for post-industrial urban regeneration".
3. Leppanen Salla (Tampere), H2020 "UNALAB – Urban Nature Labs" project.
4. Patrick Genoud, city of Geneva.
5. Frans van Rongen, Netherlands.

Round-table A3: 'Placed-based R&I for Circular and Regenerative Cities'

The round-table will discuss how EU R&I can foster the transition to circular and regenerative cities, applying solutions for waste management (including for instance urban, construction, water waste) in line with the EC Action Plan on Circular Economy and for the re-use of urban assets, spaces and materials.

The Round-table will comment on the HLEG report chapter "Place".

Moderator: Ana Bartolo, Professor at the University of Evora and member of the European Commission High-Level Expert Group on Innovating Cities.

Rapporteur: Martin Krekeler, Senate Chancellery of Hamburg, H2020 project "CLEVER CITIES - Co-designing Locally tailored Ecological solutions for Value added, socially inclusive Regeneration in Cities".

Composition of Round-table A3

1. Nekkula Kimmo, City of Vantaa, H2020 project "Circuit - Circular Construction in Regenerative Cities".
2. Alenka Mauko, Slovenian National Building and Civil Engineering Institute, H2020 project "CINDERELA - New circular economy business model for more sustainable urban construction".
3. Katja Hagman, city of Espoo, Finland
4. Juan Bertolin, Castellon, Spain
5. Johannes Riegler, JPI Urban Europe, Austria

Round-table A4: 'Prosperous Cities and Innovative financing and Governance'

The round-table will discuss how EU R&I can foster new financing mechanisms and innovative governance models to help cities to become prosperous and financially sustainable, support new economic models (green, circular etc.) and offer growth opportunities to all citizens.

The Round-table will comment on the HLEG report chapter: "Prosperity"

Moderator: Nikolaos Nikolaidis, Professor of Environmental Engineering, Technical University, Chania, GR and coordinator of the H2020 project THINK NATURE.

Rapporteur: Mesut Akbas, Urban Development Division, Projects Directorate, European Investment Bank and Vasilis Sarinikolaou (Political Sciences, Aristotle University of Thessaloniki, GR).

Composition of Round-table A4

1. Mette Skovgaard, City of Copenhagen, H2020 project "FORCE - Cities Cooperating for Circular Economy"
2. Luigi Fusco Girard, National Research Centre of Italy, H2020 project "CLIC - Circular models Leveraging Investments in Cultural heritage adaptive reuse"
3. Elena López Gunn, H2020 project "NAIAD - NAture Insurance value: Assessment and Demonstration"
4. Carla Sedini, Polytechnic of Milan, H2020 project "REFLOW - constructive metabolic processes for material flows in urban and peri-urban environments across Europe"

Round-table A5: 'Health and Well-being including ageing population'

This round-table will discuss how EU R&I projects can ensure health and well-being in cities, including measures for improving living environment and reducing pollution, foster gender equality and offer opportunities and access for all citizens, including disadvantaged groups and ageing population. The Round-table will comment on the HLEG report chapter "People".

Moderator: Denis Sarigiannis, Director, Technologies Division, Aristotle University of Thessaloniki and H2020 Bluehealth project.

Rapporteur: Javier Peinado, EASME Executive Agency of the European Commission, Head of Sector.

Composition of Round-table A5

1. Julianne Parkison, Leader of the Global Centre for modern ageing, Australia
2. Spyros Karakitsios, City of Athens, H2020 project "ICARUS - Integrated Climate forcing and Air pollution Reduction in Urban Systems"
3. Tuija Hirvikoski, Laurea University Director, city of Helsinki, Finland
4. Belinda Chen, Deputy Director of Living Labs of city of Taiwan
5. Lara Vigneron, Wallonia E-Health Living Lab, Belgium

Round-table A6: 'Green and smart mobility'

This round-table will discuss how EU financing on R&I projects focused on new systemic solutions ensure smart mobility in cities, contributing to the reduction of emissions and leading to Carbon neutral cities of the future. The Round-table will comment on the HLEG report chapter "Place".

Moderator: Santa Stibe, University College Dublin, H2020 project "iSCAPE improving the Smart Control of Air Pollution in Europe".

Rapporteur: Stefano Tarantola, Scientific officer, Directorate of Energy, Transport and Climate, JRC ISPRA

Composition of Round-table A6

1. Philippe Duponteil Director Support Services, Joint Research Centre
2. Marlene Wagner, Aspern Mobil Lab, Wien, AU
3. Damien Gauthier, Sneil Mob Lab, Geneva, SW
4. Harry Kalliaras, Special Advisor to the Mayor of Trikala in sustainability issues.
5. Marisa Fuchs, Technical University of Dortmund, H2020 project "iSCAPE. Improving the Smart Control of Air Pollution in Europe"

Round-table A7: ‘Productive cities and citizens as city-makers’

The Round-table will discuss how EU R&I can promote the transition to new collaborative productive systems in different sectors (from digital manufacturing to urban food labs) where citizens act as actors of open innovation and city-makers, to combat urban poverty, food shortage, degradation of urban environments.

The round-table will comment on the HLEG report chapter “Prosperity”.

Moderator: Ina Säumel, Humboldt Universität zu Berlin, PI and Project Coordinator of H2020 “EdicitNet - Edible Cities Network Integrating Edible City Solutions for social resilient and sustainably productive cities”.

Rapporteur: Suhanna Reddy, Humboldt Universität zu Berlin, Project Manager of H2020 “EdicitNet”.

Composition of Round-table A7

1. Margarita Angelidou, H2020 project “POP MACHINA -Collaborative production for the circular economy; a community approach”
2. Minna-Maari Harmaala, Living Lab Helsinki, FI
3. Wim De Kinderen, Vice president ENOLL, representative of city of Eindhoven in Brussels, BE
4. Christopher Larraz, Director of Living Lab of city of Geneva, SW
5. Hank Kune, Director of EDUCOR , Social and Open Innovation SME, Netherlands

Round-table A8: ‘City Science in Cities and JRC report on Future Cities ‘

This round-table will present the JRC report on the Future of Cities as well as the JRC initiative on the Community of Practice on Cities. In addition, the City Science Initiative (CSI) will be presented.

This is an initiative by the Chief Science Officer of the City of Amsterdam, together with the European Commission (JRC and R&I). The City Science Initiative was launched early 2019, bringing together Science Officers from about 20 European cities to discuss the interaction between urban policies and academic research. The initiative would provide structured contact between cities and between city science officers, European actors and other stakeholders.

Both methodological and sectoral challenges are being identified. The main methodological issues cities run into when working on the science policy-interface could be divided into:

Governance and finance between municipality and university; Learning and communication between science and policy; Need for a new research paradigm on City Science.

Moderator: Roel Raterink, Policy Adviser, Team EU-International affairs, city of Amsterdam

Rapporteur: Amelia McCabe Psychologist and user Researcher, Global Centre for modern ageing, Australia.

Composition of Round-table A8

1. Geraldine Barry, Advisor to the Deputy Director General of the Joint Research Centre, Brussels, Belgium
2. Jonas Bylund, JPI Urban Europe
3. Athanasios Katsogiannis, policy officer, JRC ISPRA
4. Antonia Gravagnuolo, National Research Centre of Italy, H2020 project “CLIC - Circular models Leveraging Investments in Cultural heritage adaptive reuse”
5. Nektarios Chrysoulakis, Director of Research of FORTH, Foundation for Research and Technology, H2020 project “BRIDGE - Urban planning and design tools”

Round-table A9: ‘Revitalising shrinking cities, abandoned urban spaces and historic areas’

The round-table will discuss how EU R&I can support cities or urban areas going through a huge crisis (demographic, economic, environmental or societal crisis). The round-table will discuss possible solutions to make cities or abandoned areas more attractive, adopting solutions at different levels and involving citizens in open living labs.

The Round-table will comment on the HLEG report Chapter “Place”

Moderator: Mari Susanne Solerod (Chair of JPI Urban Europe Governing Board)

Rapporteur: Terpsi Laopoulou, UCL London, H2020 project “URBAN DESIGN GOVERNANCE - Exploring formal and informal means of improving spatial quality in cities across Europe and beyond”

Composition of Round-table A9

1. Marina Ognen, city of Skopje, H2020 project “ROCK - Regeneration and Optimization of Cultural heritage in creative and Knowledge cities”
2. Katarzyna Sadowy, Warsaw PragaLAB, H2020 project “OPENHERITAGE - Organizing, Promoting and Enabling HERitage Re-use through Inclusion, Technology, Access, Governance and Empowerment”
3. Jesse Marsh, Atelier Studio, SME on culture, Palermo, IT
4. Francesca Rizzo, professor, University of Polimi, Milan, IT
5. Mikael Mangyoku, Cité de design, Design Creative City Living Lab, St. Etienne, FR

Round-table A10: ‘Foresight-100 tech to reshape cities’

The round-table will address the following questions:

- 1) What roles can foresight play to support City Strategies for resilience, sustainability and development?
- 2) How can cities best benefit from technology horizon scanning efforts and projects: comment on the potential usefulness of the report “100 radical innovations for the future”.
- 3) Alignment of the HLEG report highlights with the Foresight reports highlights to input the Cities Mission in Horizon Europe and help cities become resilient, safe, inclusive and sustainable.

Moderator: Nikos Kastrinos, European Commission, DG RTD

Rapporteur: Effie Amanatidou, Foresight Professional, Thessaloniki, Greece

Composition of Round-table A10

1. Lucia Scopelliti, Head of Economic Planning Unit, City of Milan.
2. Cristiana Parisi, Copenhagen Business School, H2020 project “REFLOW - constructive metabolic processes for material flows in urban and peri-urban environments across Europe”.
3. Julia Landowski, Bottrop City Council, H2020 project “iSCAPE. Improving the Smart Control of Air Pollution in Europe”
4. Sarantis Dimitriadis, Dept of Solid-State Physics, Aristotle University of Thessaloniki.
5. Gudrun Haindlmaier, Austrian Institute of Technology AIT, AU.

Round-table A11: ‘Innovative Clean Energy Cities’

Building on the recent letter of cooperation signed between Mission Innovation and the Global Covenant of Mayors, the round-table will discuss how EU R&I can foster the transition to energy efficient and resilient cities to reach the targets of the 2030 Agenda for Sustainable Development of and in particular the SDGs 7 and 11. The round-table will also comment on the HLEG report, notably chapters “Resilience”, “People” and “Governance”.

Moderator: Joelle Mastelic, Univ. Applied Sciences Lausanne Living Labs

Rapporteur: Nikolas Katsoulatos, National Technical University of Athens.

Composition of Round-table A11

1. Hanna-Greta Puurtinen, Univ. Applied Sciences Tampere Living Lab
2. Laurent Dupont, University Lorraine Living Lab
3. Ioanna Giannouli, Business and Project Management S.A., H2020 project “INTENSSS-PA, Integrated Sustainable Energy Planning”.
4. Elias Kosmatopoulos, H2020 project INTENSSS-PA, Integrated Sustainable Energy Planning
5. Jan de Rooij, Wateroute, Netherlands

Round-table A12: ‘Innovative Clean Energy Cities II’

Building on the recent letter of cooperation signed between Mission Innovation and the Global Covenant of Mayors, the round-table will discuss how EU R&I can foster the transition to energy efficient and resilient cities to reach the targets of the 2030 Agenda for Sustainable Development and in particular the SDGs 7 and 11. The round-table will also comment on the HLEG report, notably chapters “Resilience”, “People” and “Governance”.

Moderator: Seth Schultz, Founder CEO at Urban Breakthroughs and Advisor to GCOM

Rapporteur: Mauricio Camargo, Lorraine Living Lab, FR

Composition of Round-table A12

1. Yves Zieba, KWMC, Geneva Energy Living Lab Manager, Switzerland
2. Antonio Zonta, Treviso Living Lab/Green Schools, Italy
3. Giorgio Maric, Lugano, Smart Cities Living Lab, Switzerland
4. Peter de Wit, Wateroute, Netherlands
5. Ludwig Karg, B.A.U.M. Consult München, Knowledge Community Manager of the Joint Programming Platform Smart Energy Systems. Germany

COFFEE BREAK (15.45-16.15)

ROUND-TABLE DISCUSSION Part 2 (16.15-17.30)

“What success looks like? Visions for the cities of the future”

Aim: The workshop part 2, focuses on “What success looks like? Visions for the cities of the future” and suggests how EU R&I programme could accelerate transition to success cities of the future. The workshop highlights will contribute to the EU Research and Innovation city related sessions in the upcoming EU R&I Days (25 September 2019)..

How: Four R&I parallel round-tables consisting each of the merge of three round-tables from part A, with a moderator and a dedicated rapporteur each.

Each round-table will:

- Make a summary of the outcomes of the discussion in Part A (20 minutes in total). Each table shares with the whole room in one minute the best practices identified
- Share the comments to the relevant HLEG Report Chapters. More specifically, each moderator will ask one comment on post-it from the X table Participants and will group the related post-its
- Make comments on how future EU R&I programmes and initiatives can help cities to transition to a success city.

*Cross-Cutting Issues to be discussed for all four round-tables of workshop part 2: Governance and measurements (impact assessment).

OPENING: Maria YEROYANNI, Giulia FACELLI, Nikolaos KASTRINOS, Francisco Javier PEINADO LEBRERO, Emanuela DE MENNA

Round-table B1: Place (Round-table A3, A6, A9,)

Chair: Vice- Mayor of city of Thessaloniki

Rapporteur: Maria Yeroyanni, EC, RTD.D2 Senior Expert Innovating Cities

Round-table B2: People (Round-table A2, A5, A8)

Chair: Charles Laundry (Chair of High-Level expert Group)

Rapporteur: Giulia Facelli, EC, RTD.D2 Policy Officer Innovating Cities

Round-table B3: Prosperity (Round-table A4, A7, A10)

Chair: Ana Bartolo, Professor, University of Evora, PT and member of the High-Level Expert Group

Rapporteur: Emanuela De Menna, Project Adviser, EASME

Round-table B4: Resilience (Round-table A1, A11, A12)

Chair: Seth Schulz, CEO Urban breakthroughs

Rapporteur: Nikolaos Kastrinos, EC, Senior Policy Officer, RTD.A1

COFFEE BREAK (17.30-17.45)

General Assembly, Main Auditorium 17:45

Opening

17:45 ENoLL Vice President introduces the collaboration ENoLL- RTD-- EASME for the workshop scale -up challenge.

17:50 Scale-up challenge overall feedback by Vice-Mayor of Thessaloniki

17:55 Scale-up challenge feedback (by overall rapporteurs of the RTD-EASME workshop)

18:15 General Assembly conclusions of ENoLL Day 1

18:45 End of General Assembly and departure for the Gala dinner