Cities as actors of Open innovation

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EU R&I actions to Innovate Cities in Europe and the World

- The new Urban Agenda calls for international cooperation between cities in the field of Smart and Sustainable cities
- The EU is investing on H2020 demonstration multi-stakeholder projects on cities as urban living labs
EU R&I actions to Innovate Cities in Europe and the World

- H2020 projects: budget €10-15m and consortia of 25-35 participants (cities and municipalities, SMEs, Academia, NGOs)
- Open to the World, to provide evidence on the socio-economic and environmental benefits of systemic solutions that combine technological, digital, social and nature-based innovation
- Min. 70 cities from Europe but also Global cities from e.g. China, Brazil, Ecuador, Argentina, India, US, Canada.
EU H2020 calls to Innovate Cities in Europe and the World

- Climate and Water Resilient cities
- Urban generation
- New business and governance models
- Circular and regenerative cities
- Healthy cities
<table>
<thead>
<tr>
<th>EKLIPSE NBS EWG</th>
<th>CSA</th>
<th>SC5-09-2014</th>
<th>European Knowledge and Learning Mechanism to Improve the Policy-Science-Society Interface on Biodiversity and ESS</th>
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</thead>
<tbody>
<tr>
<td>INSPIRATION</td>
<td>CSA</td>
<td>SC5-10b-2014</td>
<td>Towards a strategic research agenda on soil, land-use and land management in Europe</td>
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<td>ThinkNature</td>
<td>CSA</td>
<td>SC5-10-2015</td>
<td>Development of a multi-stakeholder dialogue platform and Think tank to promote innovation with Nature based solutions</td>
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<td>NAIAD</td>
<td>RIA</td>
<td>SC5-9-2015</td>
<td>Insurance Value of Nature</td>
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<td>Nature4Cities</td>
<td>RIA</td>
<td>SCC-03-2015</td>
<td>New governance, business, financing models and economic impact assessment tools for sustainable cities with NBS</td>
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<td>Naturvation</td>
<td>RIA</td>
<td>SCC-03-2015</td>
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<tr>
<td>CONNECTING</td>
<td>RIA</td>
<td>SCC-02-2016</td>
<td>Demonstrating innovative NBS in cities/ water and climate resilience</td>
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<td>GROW GREEN</td>
<td>RIA</td>
<td>SCC-02-2016</td>
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<td>UNALAB</td>
<td>RIA</td>
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<td>Urban GreenUP</td>
<td>RIA</td>
<td>SCC-02-2016</td>
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<td>BiodivERsA3</td>
<td>ERA-NET</td>
<td>SC5-09-2014</td>
<td>Consolidating the European Research Area on biodiversity and ecosystem services</td>
</tr>
</tbody>
</table>
SCC-02-2016 cities involved

- **CONNECTING**: Front runner (red), follower (light red)
- **GROWGREEN**: Front runner (green), follower (light green)
- **UNALAB**: Front runner (blue), follower (light blue)
- **URBAN GREEN UP**: Front runner (purple), follower (light purple)
SUGI Eranet represents a successful example of how to bring together fragmented research across the Globe

- find innovative solutions and develop nexus strategies for Food-Energy and Water challenge
- align the strategic R&I agenda on cities of the Belmont Forum and the Joint Programming Initiative - JPI Urban Europe to produce a truly international approach and solutions
H2020 Smart & Sustainable Cities – ongoing and upcoming

- CE-SC5-03-2018: Demonstrating systemic urban development for circular and regenerative cities;
- SC5-14-2019: Visionary and integrated solutions to improve well-being and health in cities;
- SC5-20-2019: Transforming historic urban areas and/or cultural landscapes into hubs of entrepreneurship and social and cultural integration.
EU SRIA Innovating Cities - Expert Group

- EC RTD is launching a High Level Expert Group to help the Commission in formulating a SRIA-Strategic Research and Innovation Agenda
- to foster a cross-sectorial ‘urban ecosystem’ framework that can help guide investment in EU R&I actions for cities, and address inter-linked urban challenges related to mobility, energy, climate change, water, waste, resource efficiency, pollution, health, well-being and social inclusion.
- help translate the political targets set out in international urban policy frameworks into challenge-based R&I solutions, liaise with JPI UE, Eranets
- 11 experts, working between June 2018-April 2019
FP7 Policy Review reports

✓ Project Review of 41 EU Funded FP7 projects available end of June

- Existing Thematic Reports: Energy Transition, Resource Efficiency, Food and Circular Economy, Air Quality and Health, Mobility, Sustainable Land Use and NBS Solutions, Well-being and Diversity, Social Innovation
Innovating Cities Outreach

✓ Innovating Cities web page

✓ Commission TOPIC PAGE
  https://ec.europa.eu/info/events/cities

✓ YEARLY MAPPING REPORT
  https://publications.europa.eu/s/fGbs
  executive one pager summary of this report:
  http://europa.eu/!NU39Mx
R&I FP7 Urban SUCCESS Stories to be published end of June

✓ Investing in European Success: Innovating Cities in Europe and worldwide (to be online by end of June)
International Cooperation

- EU-CELAC Task Force on sustainable urban development
- Second Brazil Dialogue: International conference 9-10 July in Brasilia
- Belmont Forum / JPI Urban Europe ERANET SUGI on Food-Water-Energy Nexus
- Cooperation with UN Habitat
- EU-China Sustainable Urbanisation
Future Events on Innovating Cities

✓ FabCity Summit 2018, Paris, 11 July: "EU R&I Actions for Sustainable Urban Development"
✓ European Week of Cities and Regions: Cities Session "Who owns the right to the city?"
✓ Cultural Heritage Summit 18-19 June, Berlin on adaptive re-uses of heritage buildings;
✓ JPI Urban Europe future events
Thank you

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Find out more:
www.ec.europa/research/horizon2020