8TH MEETING OF THE COMMUNITY OF USERS ON SECURE, SAFE AND RESILIENT SOCIETIES

EU URBAN AGENDA ON CLIMATE ADAPTATION

CORRADO RAGUCCI
STEFANIA MANCA
MUNICIPALITY OF GENOA

NICOLA REBORA
CIMA FOUNDATION
EU URBAN AGENDA FOR BETTER CITIES

URBAN CHALLENGE TO FOSTER DISASTER RISK REDUCTION AND ADAPTATION TO CLIMATE CHANGE

LOCAL INITIATIVES & PARTNERSHIPS

LOCAL AWARENESS

SYSTEMIC APPROACH

BETTER ASSESSMENT OF LOCAL ADAPTATION ACTIONS
URBAN AGENDA FOR THE EU

WORKING TOGETHER FOR BETTER CITIES

OBJECTIVES

- BETTER REGULATION
- BETTER FUNDING
- BETTER KNOWLEDGE

EU CITIZENS
living in cities

EU LEGISLATION
implemented by cities

JOBS
created in cities

EU GDP
generated in cities

70%
~70%
~70%
85%

12 PRIORITY THEMES

- INCLUSION OF MIGRANTS & REFUGEES
- AIR QUALITY
- HOUSING
- URBAN POVERTY
- CLIMATE ADAPTATION
- ENERGY TRANSITION
- URBAN MOBILITY
- CIRCULAR ECONOMY
- JOBS & SKILLS IN LOCAL ECONOMY
- PUBLIC PROCUREMENT
- SUSTAINABLE USE OF LAND AND NATURE-BASED SOLUTIONS

“MOST EU POLICIES HAVE AN URBAN DIMENSION. LET’S WORK WITH CITIES!”

Comisora
European Commissioner for Regional Policy

KEY PRINCIPLES

- Multi-level governance
- Partnership working method
- Integrated approach
- Sustainable urban development
- United Nations goals
- Functional urban areas
- Urban-rural linkages
- Cities of all sizes

TIMELINE

- Pact of Amsterdam: 30 May 2016
- General Affairs Council conclusions: 24 June 2016
- Launch of further Partnerships: End 2016
- Launch of the remaining Partnerships: June 2017
- Consultation on draft Action Plans: End 2017
- Cities Forum Report by the Commission: End 2017

#EUUrbanAgenda
@EU_Regional
EU/InmyRegion
http://europa.eu/temistRF

ECORYS
Regional and Urban Policy
<table>
<thead>
<tr>
<th>Key Principle</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Multi-level governance</strong></td>
<td>• Each Partnership is composed by Local Authorities, Member States and representative of European Commission.</td>
</tr>
<tr>
<td><strong>Partnership working methods</strong></td>
<td>• Urban Agenda Priority Themes are tackled by engagement in twelve different Partnership.</td>
</tr>
<tr>
<td><strong>Integrated approach</strong></td>
<td>• Focus on all major aspects of urban development: economy, environment, social, territory and culture, to ensure a sound urban governance and policy.</td>
</tr>
<tr>
<td><strong>Sustainable urban development</strong></td>
<td>• Link with the seventeen Sustainable Development Goals of the UN.</td>
</tr>
<tr>
<td><strong>United Nations goals</strong></td>
<td>• Link with the New Urban Agenda (Habitat III) of the UN and the Climate Change Paris Agreement of the UNFCCC.</td>
</tr>
<tr>
<td><strong>Functional Urban area</strong></td>
<td>• The nature of Urban challenges are local but require wider territorial solutions and cooperation within their functional areas and with their surrounding regions.</td>
</tr>
<tr>
<td><strong>Urban-rural linkages</strong></td>
<td>• Complexity of urban challenge requires governance across administrative boundaries: urban-rural, urban-urban and cross-border cooperation.</td>
</tr>
<tr>
<td><strong>Cities of all sizes</strong></td>
<td>• Urban Agenda for the EU acknowledge the importance of Urban Areas of all size.</td>
</tr>
</tbody>
</table>
OBJECTIVES

BETTER REGULATION
As an informal contribution to the design of future and revision of existing EU regulation, in order for it to better reflect urban needs, practices and responsibilities.

BETTER FUNDING
To improve funding opportunities for Urban Authorities across all EU policies and instruments, including Cohesion Policy.

BETTER KNOWLEDGE
To enhancing the knowledge base in accordance with the relevant EU legislation on data protection, the reuse of public sector information and the promotion of big, linked and open data.
STEP PROCESS of the PARTNERSHIPS

M1: Start of the Partnership - Kick-off meeting
M4: Orientation Paper
M12: Action Plan draft
M18: final Action Plan
M36: Evaluation

Scoping Paper
Kick-off Meeting
Orientation Paper
Action Plan (AP)
AP Public Consultation
AP Delivery to DG UM meeting

actions
documents
### CLIMATE ADAPTATION PARTNERSHIP

**Start:** July 2017

**PARTNERSHIP COMPOSITION**

<table>
<thead>
<tr>
<th>Member States</th>
<th>Local Authorities</th>
<th>European Commission</th>
<th>Other EU Organizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRANCE</td>
<td>GENOVA (IT) - COORDINATOR</td>
<td>DG REGIO</td>
<td>EUROCITIES</td>
</tr>
<tr>
<td>POLAND</td>
<td>BARCELONA DEPUTATION (ES)</td>
<td>DG CLIMA</td>
<td>CEMR</td>
</tr>
<tr>
<td>HUNGARY</td>
<td>GLASGOW (UK)</td>
<td>DG ENV</td>
<td>EIB</td>
</tr>
<tr>
<td>BULGARIA</td>
<td>TRONDHEIM (NO)</td>
<td>DG RTD</td>
<td>URBACT</td>
</tr>
<tr>
<td></td>
<td>LOULÈ (PT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>POTENZA (IT)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>SFANTU GHEORGHE (RO)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CLIMATE ADAPTATION PARTNERSHIP
Major Impacts on Urban Areas of the Partnership Members

CLIMATE-RELATED RISKS IN URBAN AREAS

Needs
- Flood
- Heavy Rain
- Water Availability
- Disease Pandemic

Impacts
- Windstorm
- Stormsurgue
- Air Quality
- Energy Consumption
- Landslide Debris Flow
- Sea Rise Coastal Erosion
- Heat Wave Urban Heat Island
- Forest Fire Interface Fire
- Biodiversity Loss
- Drought
CLIMATE ADAPTATION PARTNERSHIP

General objectives

“to anticipate the adverse effects of climate change and take appropriate action to prevent or minimise the damage it can cause to Urban Areas. The focus will be on: vulnerability assessments, climate resilience and risk management (including the social dimension of climate adaptation strategies).”

Pact of Amsterdam – Urban Agenda for the EU

INCIDENCE OF CLIMATE-RELATED EXTREMES
ON ALL NATURAL DISASTERS

- 90% NUMBER OF EVENTS
- 77% FATALITIES
- 82% ECONOMY LOSSES
- 97% INSURED LOSSES

(Climate change, impacts and vulnerability in Europe 2016 - EEA2017)
CLIMATE ADAPTATION PARTNERSHIP
How Urban Authority might address Climate Change impacts?

Knowledge

Evidence

Capacity

Actions

Needs

Impacts
CLIMATE ADAPTATION PARTNERSHIP
Different impacts and capacity to adapt to climate change

POTENTIAL IMPACT OF CLIMATE CHANGE

Weighted combination of
- PHYSICAL
- ENVIRONMENTAL
- SOCIAL
- ECONOMIC
- CULTURAL

CAPACITY TO ADAPT TO CLIMATE CHANGE

Weighted combination of
- ECONOMIC
- INFRASTRUCTURAL
- TECHNOLOGICAL
- KNOWLEDGE and AWARENESS
- INSTITUTIONAL
The Partnership Working Groups will deal with the main topic and issue of Climate Adaptation to find **bottlenecks/potentials** to choose and assess the actions to reach the objectives.

**GOVERNANCE**

*Topics:* political cycle, mandate, integrated strategic planning, decision-making, experienced staff.

**KNOWLEDGE**

*Topics:* data, expertise, methodologies, tools, risk assessment, indicators, capacity building, hazard/exposure, vulnerability analysis.

**RESOURCES**

*Topics:* funding, people, cost-benefits analysis, climate adaptation monetizing.

**MONITORING/INDICATORS**

*Parameters:* model uncertainty, high resolution climate scenario, local level indicator.

**COMMUNICATION**

*Parameters:* R&I stakeholders’ engagement, dissemination and public education, local action groups communities involvement.

**SECTORIAL IMPACT**

*Parameter:* sector related to the biosphere and the anthropic systems.
introduce and define the content of specific Climate Adaptation Better Regulation Actions to gather the urban needs for better actions, recommendations and policies improvements

introduce and define the content of specific Climate Adaptation Better Funding Actions to suggest how the Urban Area could benefit from the funding policies consistent with their real needs

introduce and define the content of specific Climate Adaptation Better Knowledge Exchange Actions to suggest both traditional and not conventional communication models among the institutional bodies, communities and stakeholders
The roles of the coordinator of the Climate Adaptation Partnership foresee to:

- be the link between the CA Partnership and the Urban Authorities, the Commission and Member States
- be the interlink with a wider range of interested parties such as Urban Authorities, Member States not involved in the specific partnership and other stakeholders informing on the progress and offering the possibility to contribute
- cooperate with the other Partnerships
- give visibility to the Climate Adaptation Partnership
RESILIENCE IN PROGRESS...

THANK YOU FOR YOUR ATTENTION

and stay tuned...

climadapt@comune.genova.it

Soon available on Futurium Platform
https://ec.europa.eu/futurium/en