2nd International Conference



24-25 June 2019, Heraklion, Crete, Greece THE ROLE OF MUNICIPALITIES IN SUCCESSFUL IMPLEMENTATION OF ADAPTATION PLANS - SUPPORTING TOOLS & FUNDING OPPORTUNITIES

G. Konstantzos, D. Malamis, K. Moustakas, M. Loizidou

Konstantzos George, NTUA

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Introduction



Climate change is likely to influence almost all components of cities and towns – their environment, economy and society.

Besides mitigation, on which efford largely focused in the past, cities today play a larger role in **adaptation**

Cities have to assess vulnerability to climate change impacts and to identify corresponding plans.

However, this raises new, complex



Introduction



National and Regional Adaptation plans are necessary to establish a framework, targets, to promote cohesion or set priorities.

However, the impacts of climate change experienced by cities and towns, differ based on their geographical location and their specific vulnerabilities – Thus a 'place-based' approach to climate change analysis and adaption is needed.

Municipalities should play today a major role in adaptation and focus on the development and



Bottom-up approach



The idea of the executing municipality, that only executes orders from the national or regional level, is inoffective.

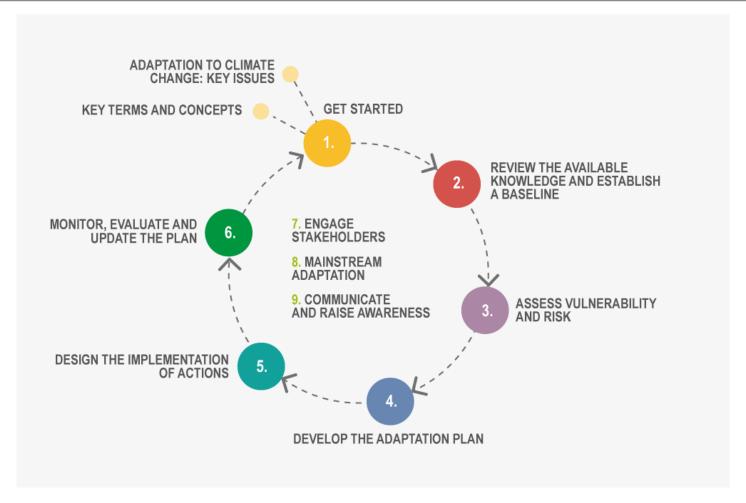
Vulnerability assessments and adaptation measures should be based on **local**

Bottom-up



Local Adaptation Plans





Adopted from: Life ACT - Adapting to Climate change in Time



Advantages



- ✓ Municipalities know their local need problematic areas, thus plans are n likely to succeed.
- ✓ A bottom-up approach will **help local government access funds** from instruments and development banks, which are increasingly available to municipalities that demonstrate
- √ Μιτικεβalities can manage a consistent monitoring & evaluation plan, maximizing
- ✓ Memovipalities cassbetter understand and widely communicate the socio-economic impacts of climate responses.



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- 3. Institutional constraints (In many cases,





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The interactive **Urban Adaptation Map Viewer** on European Climate Adaptation Platform *Climate-ADAPT*, presents data on current and proceeding European cities, and data ADAPT SHARING ADAPTATION S affecting European cities, and data ADAPT ACROSS EUROPE SY and adaptive capacity.





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The web-based **Urban Adaptation Sur** developed within the framework of the of Mayors initiative, helps local adaptati practitioners to plan and implement the Adaptation Support Tool adaptation actions and provides access various information resources.







Mayors Adapt – the Covenant of Mayors Initiative on Climate Change Adaptation, engages cities in taking action to adapt to climate change



THE COVENANT OF MAYORS INITIATIVE ON ADAPTATION TO CLIMATE CHANGE





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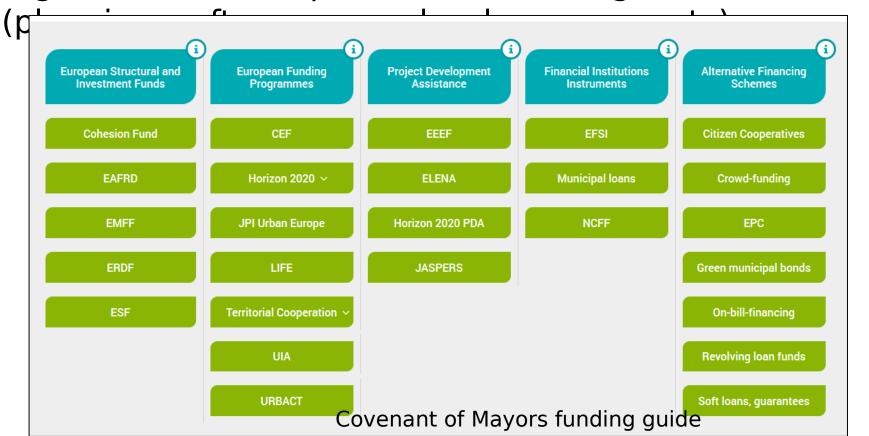
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- Credible commitments through progress review and monitoring.
- ✓ Enhanced cooperation and support from **national**



Funding opportunities



Funding opportunities for implementation of adaptation plans, vary in terms of sources (the organizations that provide the funding) and context







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Furthermore, EIB's **Natural Capital Financing Facility** (NCFF) indirectly support adaptation, since it can be applied to finance nature-based adaptation projects inside the EU. The NCFF combines EIB financing and the Commission's funding under the LIFE Programme.



National Funding Opportunities



REGIONAL PROGRAMMES have Priority Axes targeting climate change (funded by Structural Funds)

SECTORAL PROGRAMMES

- Competitiveness, Entrepreneurship & Innovation e.g. Priority Axis 4.10 of Research - Create - Innovate Action (Focus on R&D activities)
- Transport Infrastructure, Environment and Sustainable Development
- Priority Axis 11 Application of adaptation strategies to climate change, prevention and risk management (funded by cohesion fund).



Conclusions



- ✓ Since the impacts of climate change are experienced locally, a 'place-based' approach is in need. Municipalities should play a major role in developing and implementing Local Adaptation Plans.
- **✓ Common barriers** are:
 - Limited resources
 - Lack of information
 - Institutional constraints
- ✓ Nevertheless, there are various initiatives and instruments to help municipalities overcome constraints.
- √ There are plenty of funding opportunities for





Thank you for your attention.

Contact Information:

<u>gkonsta@chemeng.ntua.gr</u> <u>www.uest.gr</u>