



ACTIVITY: workshop AELCLIC_PATHFINDER project

DATE and TIME: May 13, 2019 - from 10 a.m. to 1:45 p.m.

PLACE: Comune di Mantova, Palazzo Soardi, Sala degli Stemmi, Mantova

ORGANIZERS: University of Bologna, University IUAV of Venice

PARTICIPANTS:

Organizers

- University of Bologna (AELCLIC partner): Daniele Torreggiani
- University IUAV of Venice (AELCLIC Third Party): Anna Marson, Francesco Musco, Denis Maragno

Stakeholders who accepted to join the network of stakeholders:

- Gabriella Montanarini, Municipality of Mantova
- Sandra Savazzi, Municipality of Mantova
- Elisa Parisi, Municipality of Mantova
- Monica Bedini, Municipality of Mantova, UNESCO office
- Giulia Moraschi, Municipality of Mantova
- Marcella Ghidoni, Municipality of Mantova
- Iva Tiziana Silvestrin, Municipality of Mantova
- Roberta Marcacciaro, Municipality of Mantova
- Francesca Painsi, Municipality of Mantova
- Stefano Pasquali, Province of Mantova
- Renzo Bonatti, Province of Mantova
- Cristiano Guernieri, Architects Professional Association of Mantova
- Cristina Alinovi, Centro Studi PIM (MI)
- Simone Massari, Mantova Ambiente, gruppo MEA Spa
- Sandro Sutti, Labter Crea Mantova
- Monica Viviani: "Gazzetta di Mantova"
- Fausto Ugozzoli, Aerodron Srl

The following stakeholders accepted to join the network of stakeholders and planned to participate in the workshop but have not been able to attend due to unforeseen circumstances:

- Edoardo Tolasi, Ordine Agronomi forestali,
- Luisa Pedrazzini, Lombardy Region

KEY OBJECTIVES of THE ACTIVITY (expected outcomes):

This workshop is the first one organized in the "city of Mantova", selected as one of the 16 pilot landscapes where the AELCLIC project aims to create a network of local stakeholders with the capacity to co-define plans for the Adaptation of their landscape to Climate Change. In particular, this first workshop, to whom participated 21 persons, representatives of the local stakeholder's ecosystem and the event organizers, aims at involving local stakeholders with the pilot area, to present them the project and allow them to co-identify the impacts of climate change on the local landscape as a first step for the future definition of a Landscape Adaptation Plan to Climate Change.

The main objectives of the workshop could be summarized as follows:

- Explain and describe the project to the local stakeholders ecosystem;



- Ease the contact and the networking between the stakeholders and with the project's partners;
- Explore their knowledge and awareness about climate change issues, and carry out a co-identified diagnosis of climate change impacts they know or perceive in the pilot area;
- Evaluate their interest in collaborating in the project and receive their expression of interest in appearing in the project website as a member of the network of stakeholders;

All the stakeholders invited to the discussion declared their interest in collaborating in the project. They also accepted to be updated on the project development and the future definition of a climate adaptation plan within the pilot area, intended as an integrated and systemic solution and as an information document supporting territorial and sector planning, as well as a reference for public or private initiatives on climate change adaptation.

AGENDA:

10.00 a.m. Welcoming speech and general thanks

- Andrea Murari, municipality of Mantova: welcoming of the participants,
- Daniele Torreggiani – professor of the Department of Agricultural and Food Sciences of the University of Bologna: presentation and description of the afternoon's agenda, description of the AELCLIC project, work-plan and activities in the pilot area; main climate change impacts in the region;
- Anna Marson, University IUAV of Venice: landscape policies and practices
- Francesco Musco, University IUAV of Venice: the climate change adaptation in the current urban planning.
- Denis Maragno, University IUAV of Venice: presentation of the "Resilient Mantova Guidelines".
- The participants briefly introduce themselves.

11.30 a.m. Coffee break

11.45 a.m. Group Work on climate change impacts diagnosis and identification of key issues for the creation of the adaptation plan

Participants work on the diagnosis of critical issues and impacts related to climate change, describing the already tangible and predictable consequences they notice or experience in the pilot area. The discussion aims also at pointing out any critical issue and the opportunities for the creation of concrete strategies for the climate change adaptation.

1.45 p.m Closure

KEY OBJECTIVE of THE ACTIVITY (expected outcomes)

1. Downscaling analysis of climate change impacts

2. Proposal of opportunities for the adaptation plan.

The workshop allowed identifying the principal perceived impacts of climate change on the city of Mantova and at the same time, the bottlenecks in terms of both planning, administration and management of the territory to better face the challenge of climate change adaptation. From this discussion, a list of perceived impacts emerged, reflecting a hierarchy of importance attributed, and proposals divided by themes and areas that could help define the adaptation strategies.



Discussion:

Identification of the problem:

- What impacts derive from Climate Change?
- Critical issues related to climate change
- Impacts on the local landscape, in terms of life, environment, local productive and economic activities, cultural and natural heritage, wellbeing of inhabitants.
- Which could be the critical issues and opportunities for the creation of the adaptation plans?

1. Downscaling analysis of climate change impacts: participants have started from an analysis of general and widespread climate change impacts, bringing out their perception.

The key impacts identified are:

- Increased temperatures;
- Heat waves;
- Air quality;
- Extreme events;
- Water scarcity;
- Flooding;
- Invasion of alien species;
- Eutrophication of lakes;
- Increasing number of insects and seasonal allergies;
- Sudden events;
- Hydrogeological instability;
- Negative impacts on tourism industry;

2. Proposal of strategies for the adaptation plan. Starting from the identification of the main criticalities and obstacles detected on the territory both on the administrative, regulatory, cultural and infrastructural level, possible key themes and approaches are identified to assist the creation of a climate adaptation plan.

The key themes and the approaches identified to focus on within the project are:

→ Policy integration:

- Making sure that the landscape is assumed as "heritage" in climate change adaptation policies in order to have policies more attentive to the intrinsic nature of the place;
- Integrate the perspective of climate change into landscape and heritage action plans. A first moment of experimentation could be the new UNESCO site management plan.
- Build a synergy with the Soprintendenza in order to include it in the project and start a process of integration of landscape protection policies so that they can include and foster climate change adaptation strategies;
- Shift from burden based landscape policies to design based and rewarding ones;
- Create a nexus between the landscape policies and the organization systems;
- Look for adaptive strategies to inform both urban planning and sectoral plans;
- Maintain consistency and consider the National Energy Strategy (SEN) and the National Integrated Energy and Climate Plan (PNIEC);



- Localization and measure of impacts
 - Map the impacts found, giving precise localization and description in order to have a synthetic and exhaustive picture of the perceived phenomena.
 - Define how to measure the impacts in order to share and collect precise data and create a common language.

- Projects for the transformations of urban public spaces:
 - Promote green infrastructures projects and nature-based solutions as coherent and integrated strategies for the climate change adaptation within the urban plans.
 - Promote the project and transformation of public green and neighborhood areas so that they can respond to the needs and expectations of citizenship becoming more attractive than air-conditioned enclosed spaces.
 - Redesign the network of urban public spaces to increase their resilience according to an incremental approach. "Implement the experience Resilient Mantova".
 - Rethink and codify the ways in which private property spaces, whether parts of buildings or open spaces, can contribute to the increase in urban green areas.
 - Promote incentives and reward policies for urban forestry interventions.
 - Allocate funds and provide investments for green area's management whether they are valuable or neighborhood areas.

- Water Use
 - Foster a more conscious management of water both in private and in public areas, whether it means manage wetlands and marshes or the Mincio's River system.
 - Improve the interaction between the various subjects involved in the "river contract" of the Mincio, harmonizing the objectives of development and management of the river system so that they also contemplate strategies of adaptation to climate change.

- Communication and sensibilization
 - Promote awareness of the effects of climate change and launch specific awareness-raising campaigns
 - Reform the design culture of public space by launching specific actions with professional associations.
 - Highlight the importance of green public spaces for the entire city and for single neighborhood.
 - Involve private individuals in the implementation of good practices through reward policies and tax incentive systems.

- Mobility
 - Need to rethink mobility in order to cope a double goal: reduce emissions and produce mitigations by implementing the green public areas system.
 - Redesign the slow mobility infrastructures in order to confer attractiveness to it;

- Soil consumption
 - Find strategies to stem the impermeability or poor permeability of soils;

Discussion: the key impacts and critical issues identified by the group work concur to form a first framework of the effects of climate change on the pilot case of the city of Mantua.

Summary of Results:

The local stakeholders involved at the table proved to participate in the discussion actively intervening and identifying various impact problems caused by climate change. Thanks to the contribution of the individual experiences of each of the stakeholders involved and of the suggestions that the organizers provided during the workshop, the discussion has been animated, producing a good level of interaction that eventually led to shared results. In addition to the identification of a list of impacts, the outcome of the workshop is the definition of key issues and proposals for the creation of a climate change adaptation plan.

Closure

The organizers thank all the stakeholders for their active participation and recall that the elements that emerged in today's discussion will be the basis for the next workshop.

Picture(s) of the activity, presentation, raw outputs, etc.





SUMMARY:



- Participants agree in being part of the local network of stakeholders;
- Participants agree in being updated on the project's phases and development;
- Participants agree in being involved in the second workshop to be held on July 16th;
- Participants agree in using their logos on the project official website;
- Participants confirm their interest in being involved in a future project for the definition of the plan;
- Level of Achievement of the expected outcomes: 5 out of 5.
- Main Shortcomings or barriers for the full achievement of the expected outcomes: no barriers emerged during the workshop. Participants were proactive and sensitive to the topic.
- Main Reasons for the successful achievement of the expected outcomes: climate change regularly affect stakeholders' daily activities both from a personal and professional perspective. They probably perceive the urgency to tackle the challenge and to create a network of actions.
- Learnt lessons and recommendations for similar activities in the same place/other places: stakeholders have showed a great interest in sharing their own experience and have highlighted the availability to participate to AELCLIC project. Opportunity of deepening specific aspects of synergy between public bodies at different levels, and of strengthening synergies between public and private stakeholders.
- Level of influence of the local characteristics (social, geographical, etc) in the development of the activity: 5 out of 5.

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