



## MASTER ADAPT

MainSTreaming Experiences  
at Regional and local level  
for ADAPTation to climate change

MASTER ADAPT has developed methods and tools for activating a coherent and effective mainstreaming process to guide Regions, Metropolitan Cities and Groups of Municipalities in integrating climate change adaptation into their plans and programmes as a key element for sustainable territory management.

### MASTER ADAPT PILOT AREAS

The MASTER ADAPT method has been developed in the pilot areas of the project:

#### Aggregation of Municipalities in Northern Milan

Lentate sul Seveso, Meda, Barlassina, Seveso, Cesano Maderno, Desio, Bovisio Masciago, Varedo

#### Lombardy Region

#### Metropolitan City of Venice

#### Metropolitan Network of North Sardinia

Sassari, Alghero, Porto Torres

#### Sardinia Region

#### Metropolitan City of Cagliari

#### Union of Municipalities in Northern Salento

Campi Salentina, Guagnano, Novoli, Salice Salentino, Squinzano, Surbo, Trepuzzi

### Phase 1 INITIAL ASSESSMENT

- Climate analysis and vulnerability assessment in the pilot areas involved.
- Involvement and comparison with other experiences in Italy and Europe.

#### OUTCOMES

- Guidelines and standardised procedures for climate analysis and vulnerability assessment at the regional and local level.

### Phase 2 TOOLS AND OBJECTIVES

- Definition and selection of general and specific adaptation goals and strategies for the pilot areas.
- At regional level, horizontal mainstreaming among multiple sectors and policies, and vertical mainstreaming between several levels of territorial government.
- At municipal level, optimisation of relations with high-level planning, to increase and coordinate the municipal planning capacity and facilitate public-private collaboration.

#### OUTCOMES

- Policy Guidance for setting adaptation objectives and planning for adaptation at regional and local level and their governance.

### Phase 3 IMPLEMENTATION

- Implementation of the mainstreaming process and of Master Adapt guidelines and tools in the pilot areas.
- Integration of adaptation among different levels of government (Regions, Metropolitan Cities, Groups of Municipalities).

#### OUTCOMES

- Methodology for mainstreaming adaptation in the definition of regional strategies.
- Guidelines for regional climate change adaptation strategies recognised as good practice by the Conference of Regions and Autonomous Provinces.
- Guidelines for the implementation of mainstreaming in Metropolitan Cities.
- Guidelines for the implementation of mainstreaming in Groups of Municipalities.
- Support to Municipalities and local authorities for drafting Local Adaptation Plans.
- Awareness-raising and training of administrators, technicians and professionals.

### Phase 4 COMMUNICATION AND NETWORKING

- Communication and dissemination of Master Adapt's results and guidelines.
- Involvement and networking with other European projects.

#### OUTCOMES

- Organization of 5 public project events with over 300 participants.
- Participation in 60 national and international events.
- Activation of various communication channels on the project website and social media.
- Networking with other 28 projects at the national, European and international level.

Master Adapt has developed three guidelines to support local authorities in the horizontal and vertical mainstreaming processes towards intersectoral and multilevel integration of adaptation in plans and programmes, within a robust framework at regional level.

The Master Adapt guidelines for regional climate change adaptation strategies propose a set of methods and tools for the mainstreaming of adaptation and multilevel governance.

The guidelines for the implementation of mainstreaming in Metropolitan Cities and in Groups of Municipalities steer technicians and administrators in a possible integration process on different territorial scales, in order to define specific adaptation objectives and measures, through participatory approaches.

### MAIN RESULTS

- Mainstreaming processes** for the integration of adaptation objectives and measures into regional, metropolitan, supra-municipal and municipal planning tools.
- Synergy with the existing strategic planning**, addressing the Strategic Plan of the Metropolitan City of Cagliari and the Seveso Sub-basin Strategic Project in the framework of the Seveso River Contract.
- Development of **general and specific adaptation objectives** at the local level for drafting municipal Adaptation Plans.
- Guidelines** for the integration of climate change adaptation measures into planning at the level of Regions, Metropolitan Cities and Groups of Municipalities.
- Increase in knowledge and training** for public administrators, technicians and professionals.

### MASTER ADAPT IN NUMBERS

Adoption of the Regional Adaptation Strategy of the Autonomous Region of Sardinia (first place award for Sustainable Public Authority at ForumPA 2019 prize)

Review of the most recent developments in climate action of the Lombardy Region

**96** regional adaptation measures identified in **21** sectors

**53** Municipalities involved in the process of adaptation mainstreaming

**31** meetings at regional and local level

**314** public administrators, technicians, and professionals involved and trained

**336** local adaptation actions focused on urban heat islands, urban overflows and flooding, renaturalising, water-saving and water reuse

**11** Municipalities signatories of the Covenant of Mayors to implement the SECAPs - Sustainable Energy and Climate Action Plans

### Coordinator:



Autonomous Region of Sardinia  
Environmental Protection Department  
www.regione.sardegna.it

### Partners:



Lombardy Region  
www.regione.lombardia.it



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IUAV University of Venice  
www.iuav.it/climatechange



FLA - Lombardy Foundation  
for the Environment  
www.flanet.org



Italian Local Agenda 21 Association  
www.a21italy.it



Ambiente Italia  
www.ambienteitalia.it

### With the contribution of:



LIFE MASTER ADAPT - MainStreaming  
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