


TAKING
COOPERATION
FORWARD

 Final Conference - Katowice, 15th April 2019



CMTo Pilot Project

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Massimo CEPPI (Municipality of Chieri)

CMT0 ACTION PLAN

Actions and implementation

MODEL FOR THE DEFINITION OF A REPLICABLE INTEGRATED MANAGEMENT STRUCTURE



FAIEMS

Functional Areas Integrated Environmental Management Strategy

Definition of a strategy for the integrated env. management of the Z.O. of the CMT0

- Analysis of national, regional and metropolitan regulations and planning instruments
- Tools for the involvement of technicians, politicians and territorial actors in management (InViTo)
- LUMAT and CMT0 objectives and priority

ACTIONS

1. Definition of an integrated environmental and territorial management model (FUA) and testing of the management model in the FUA n. 11

2. Subscription of a document of intent by the Structure for the integrated management of the FUA

3. Application of the model to the other FUAs of the CMT0
4. Financing methods
5. Monitoring

PHASE I: Integrated environmental management structure of the FUA

PHASE II: Development of technical capabilities for the management structure

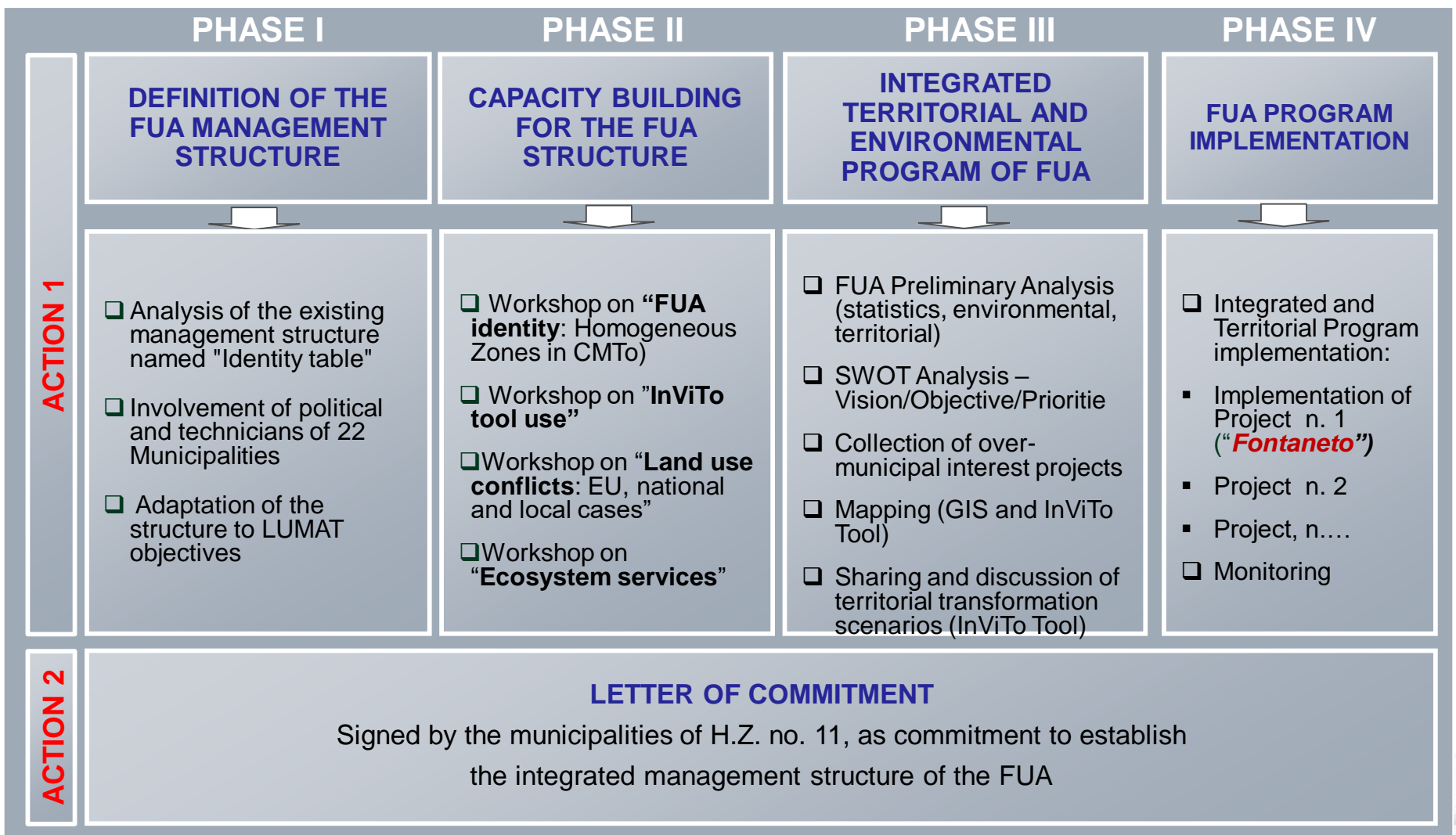
PHASE III: Integrated territorial and environmental program for the FUA

PHASE IV: Implementation of the FUA integrated program



PILOT ACTION

The Integrate management structure in H.Z.11

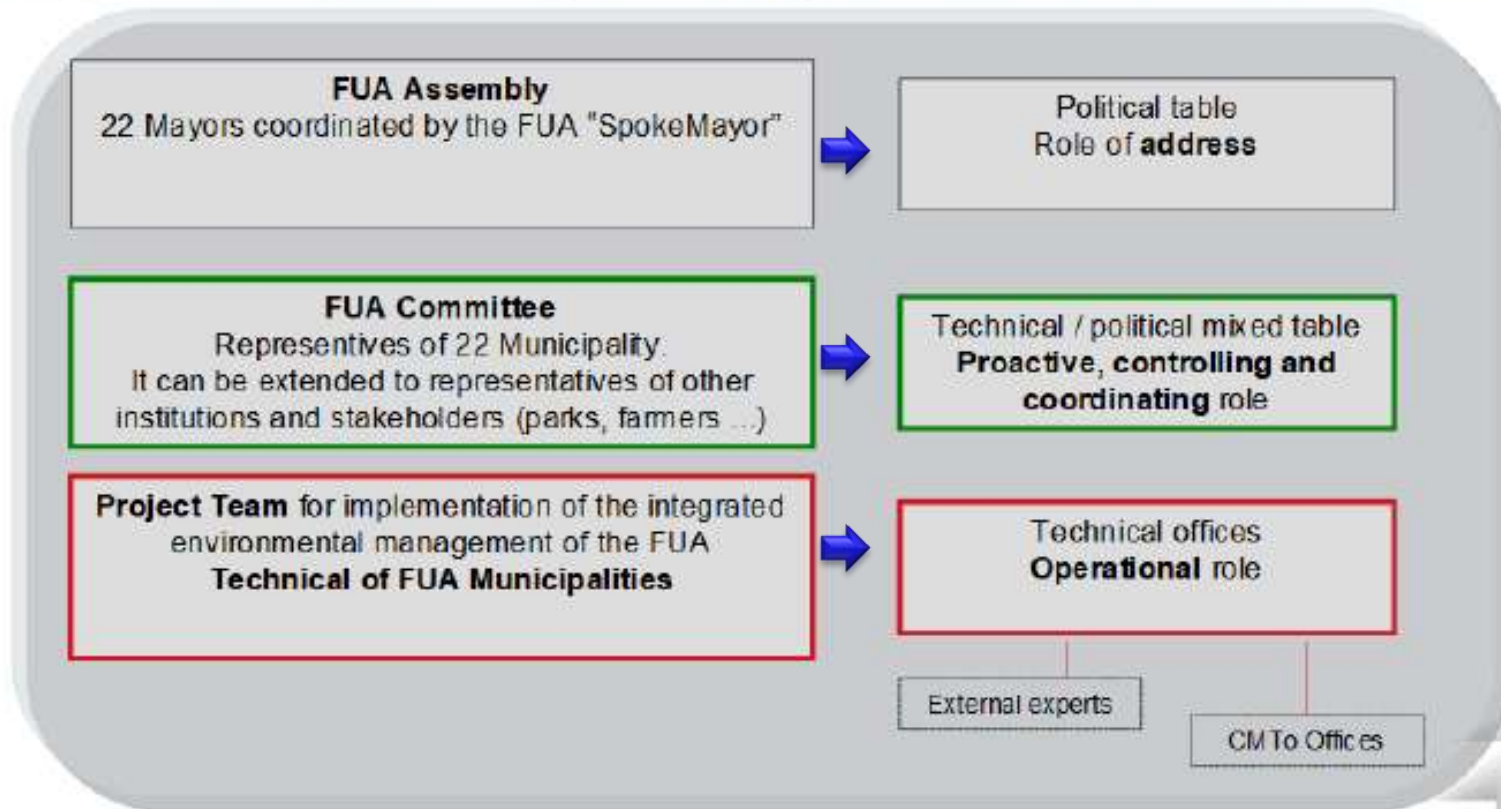


PILOT ACTION - PHASE I

DEFINITION OF THE FUA MANAGEMENT STRUCTURE

PHASE I: FUA N.11 Structure for integrated environmental management

Starting from an existing inter-municipal table working in FUA n. 11 a new structure was established



PILOT ACTION - PHASE II

CAPACITY BUILDING FOR THE FUA STRUCTURE



WORKSHOP ON CITIZEN INVOLVEMENT (INVITO)

DATE: 30 October 2017
PLACE: Town Hall of Chieri
TARGET GROUPS: Local administrators, municipal technicians, planners
PARTECIPANTS: 12



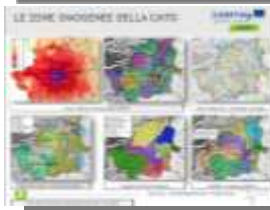
WORKSHOP ON ECOSYSTEM SERVICES

DATE: 26 February 2018
PLACE: Town Hall of Chieri - Council room
TARGET GROUPS: Local public authorities, municipal technicians, planners, Piedmont Region technicians
PARTECIPANTS: 14



WORKSHOP ON FUA IDENTITY

DATE: 26 February 2018
PLACE: Town Hall of Chieri - Council room
TARGET GROUPS: Local public authorities, municipal technicians, planners, Piedmont Region technicians
PARTECIPANTS: 14



WORKSHOP ON LAND USE CONFLICT

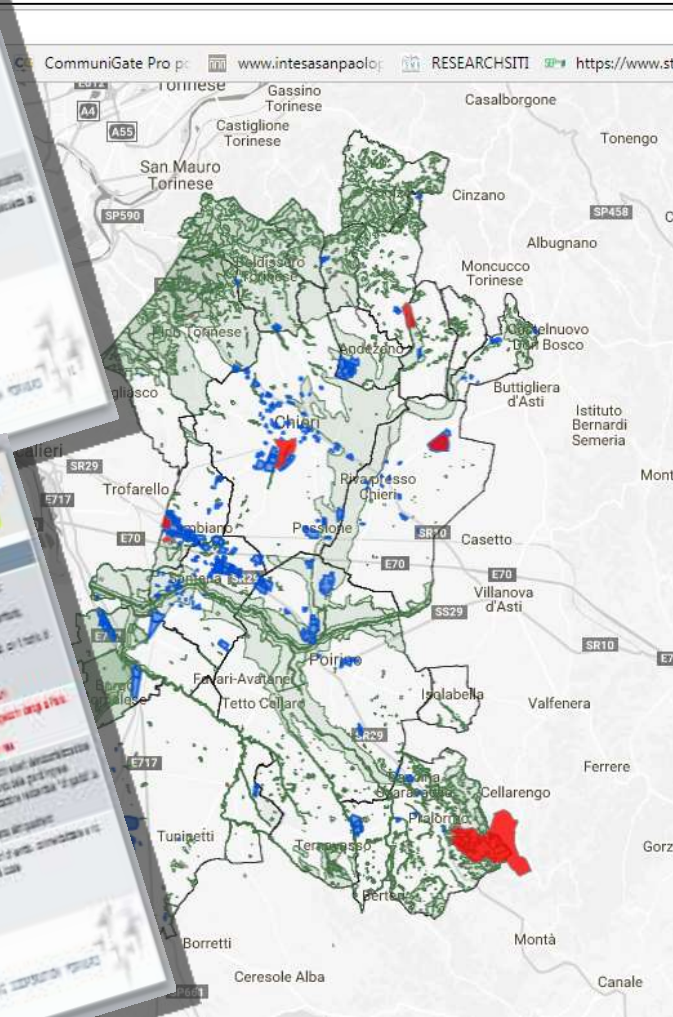
DATE: 12 July 2018
PLACE: Town Hall of Chieri – Council room
TARGET GROUPS: Local public authorities, municipal technicians, planners.
PARTECIPANTS: 14



PILOT ACTION - PHASE III THE INTEGRATED TERRITORIAL AND ENVIRONMENTAL PROGRAM OF FUA

- ❑ FUA Preliminary Analysis (statistics, environmental, territorial)
- ❑ SWOT Analysis – Vision/Objectives/Priorities
- ❑ Collection of over-municipal interest projects
- ❑ Mapping (GIS and InViTo Tool)
- ❑ Sharing and discussion of territorial transformation scenarios (InViTo Tool)

SWOT Analysis



**ENVIRONMENTAL
RESOURCES**



THREE

TAKING COOPERATION FORWARD



FUA PROGRAM IMPLEMENTATION

Project n. 1: “FONTANETO AREA” - Chieri

- ❑ Integrated and territorial program implementation:
 - Implementation of Project n. 1 (“**Fontaneto**”)
 - Project n. 2
 - Project, n....
- ❑ Monitoring

- Dimension: 78 ha
- Use and threats: industrial site subdivided into 3 sub areas: Fontaneto 1 and 2 (already urbanized) and a free area between two watercourses (used as a **security area for flooding**).

This is an area of high naturalistic interest and ecological potentiality

- Urban planning: sports facilities with golf course prediction.
- Local Plan: an area variance has been launched to enhance ecosystem services and improve the ecological and usage network.



- **Analysis of ownership, land use, ecological network, ecosystem services**
- **Masterplan** (baseline, Scenario 1, Scenario 2, Scenario 3)
- **Payment of Ecosystem Services** (fund raising hypothesis identified with public officer of Chieri Municipality)
- **Economic assesmtment of Ecosystem Services. 3 scenarios** (baseline, Scenario 1, Scenario 2, Scenario)

Scenario 1 Implementation of all actions



Scenario 2 Implementation some actions



Scenario 3 Implementation basic actions



Comparative economic evaluation of scenarios

Ecosystem Services	SCENARIO 1	SCENARIO 2	SCENARIO 3	BASELINE
	€/anno	€/anno	€/anno	€/anno
Crop production	95.105,18	96.586,88	99.620,18	101.724,37
Timber production	139,24	119,41	87,02	87,96
Ground water	45,81	47,22	46,81	45,55
Other production	880,00	0,00	0,00	0,00
Natural risk protection	18.866,34	17.630,23	17.630,23	17.325,31
Habitat quality	6.109,17	6.092,92	5.839,81	5.810,30
Water quality	24.282,36	24.246,16	24.028,07	9.297,66
Clima regulation	89.008,39	90.412,60	89.642,13	60.698,30
Fruition/use	50.585,83	37.846,65	25.969,91	19.273,92
Landscape	47.886,39	27.841,64	5.283,75	1.869,97
TOTALE	332.908,71	300.823,71	268.147,90	216.133,34

+54%

+39%

+24%



Fund raising hypothesis identified with public officer of Chieri Municipality

Cost for environmental compensation

City Tax

Land Valute Tax payed by farmers

Road traffic offences penalties
(just for bicycle path realization)

Environmental penalties

Funds by Rural Development Program

Allocation funding from municipal budget



LETTER OF COMMITMENT



LETTER OF COMMITMENT

for the cooperation of the Municipalities of the Homogeneous zone n.11 "Chierese-Carmagnolese" of the Metropolitan City of Turin, for the integrated and sustainable environmental management of their territory.

The Municipalities included in the Homogeneous Zone n. 11 of the Metropolitan City of Torino have been involved in the LUMAT project, financed by the Interreg Central Europe 2014-2020 programme, proposing their territory as a pilot case in the implementation of a path aimed at identifying and implementing strategies and methodologies for a wide-area integrated environmental management, with the objective to improve the environmental quality of the area and the quality of life of its citizens.

As a conclusion to this experience, the Municipalities express their willingness to keep on working for the implementation of the Action Plan developed in the framework of LUMAT Project and therefore to cooperate in the field of sustainable integrated environmental management, with a reference to sharing tools and best practices about spatial urban planning and environmental issues, as defined by the Articles 1 and 2 of Identity Territorial Agreement.

In particular the Homogeneous Zone n. 11 aims to strengthen the collaboration on the themes of green infrastructure and eco-system services, recognizing its role for the construction of a resilient territory able to cope climate change.

The integrated approach is considered fundamental both to support the city connection with the natural system, as an essential component for the creation of green infrastructures and the maintenance of eco system services, and to govern the conflicts of urban areas that tend to evolve to disadvantage of agricultural or semi-natural areas.

Specifically, the cooperation concerns:

- The protection of natural capital as a factor supporting economic development;
- Strengthening the role of eco-system services in the Homogeneous Zone n. 11 for the creation of a resilient territory to climate change;
- The promotion of green and blue infrastructures as elements for the improvement of the quality of life;
- Recovery and re-functionalization of brownfield;
- Securing the territory and the citizens about hydrogeological instability;

Metropolitan City of Turin, Feb. 2019



Municipality of Lanzo Torinese
Municipality of Marengo
Municipality of Ivrea
Municipality of Moncalvo
Municipality of Aosta Valley

Municipality of Barbaresco
Municipality of Bra
Municipality of Cuneo
Municipality of Dogliani
Municipality of Fossano
Municipality of Gattorna
Municipality of Grignasco
Municipality of Lanzo Torinese
Municipality of Pio Torinese
Municipality of Pinerolo
Municipality of Pralognan
Municipality of Rivara
Municipality of Santena
Municipality of Scio
Municipality of Villastellone



CITTÀ DI CHIERI

Città metropolitana di Torino

VERBALE DI DELIBERAZIONE DELLA GIUNTA COMUNALE N. 43

SEDUTA IN DATA 27/02/2019

OGGETTO: LUMAT – LETTERA DI IMPEGNO PER LA COOPERAZIONE DEI COMUNI DELLA ZONA OMOGENEA N. 11 "CHIERESE-CARMAGNOLESE" DELLA CITTÀ METROPOLITANA DI TORINO, NELLA GESTIONE AMBIENTALE INTEGRATA E SOSTENIBILE DEL TERRITORIO. ATTO DI INDIRIZZO.

L'anno duemiladiciannove, addì ventisette del mese di Febbraio alle ore 09:45 si è riunita la Giunta Comunale nelle persone dei Signori:

MARTANO CLAUDIO	Sindaco	Assente
OLIA MANUELA	Vice Sindaca	Presente
ANFOSSI GIULIA	Assessore	Presente
CEPPI MASSIMO	Assessore	Presente
GASPARDO MORO MASSIMO	Assessore	Presente
MASSUCCO CARLO	Assessore	Presente
PASCHERO ANNA	Assessore	Presente
ZOPEGNI MARINA	Assessore	Presente

e così in numero sufficiente a validamente deliberare.

Assume la Presidenza il Sig. Manuela Ollia con l'assistenza del Segretario Generale Sig. Paolo Morra





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Stefania Grasso



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