

# Mediterranean Dialogue for Waste Management Governance

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## MED4WASTE

### The Med4Waste capitalisation actions: an overview

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Speaker: Mercè Boy Roura

Entity: BETA Tech. Center (UVIC-UCC)

Date: 24 - 10 - 2023

Location: Cagliari, Sardinia



# Med4Waste as a capitalisation project

It aimed to facilitate **new governance models** for integrated and efficient **urban waste management policies** across the Mediterranean.

## UPTAKE OF PROJECT RESULTS

Identification of successful and efficient practices



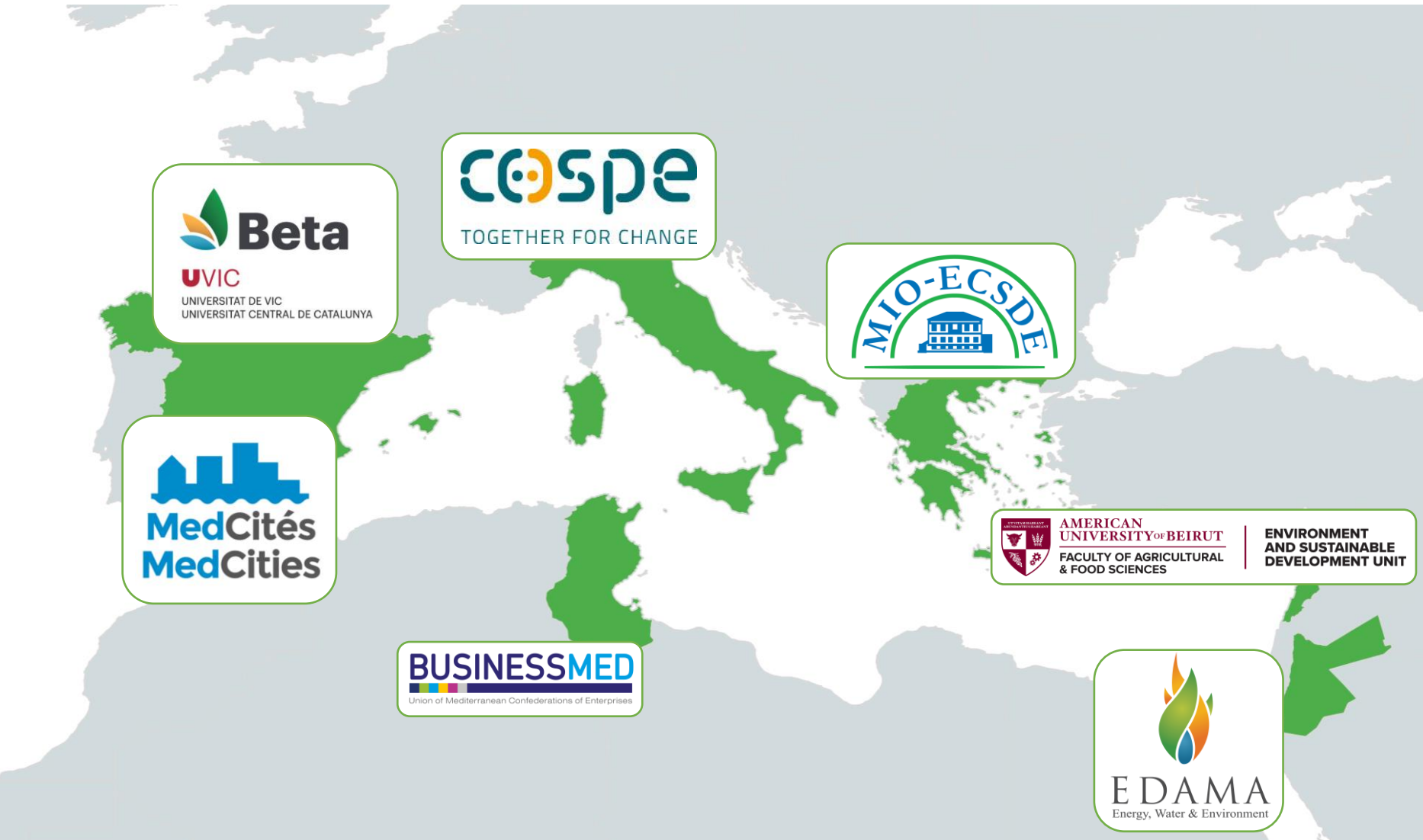
Replication and reuse



Mainstreaming in public policies



# Med4Waste Partnership



**+ 10  
Med4Waste  
Associated  
Partners**

**+ more than 20  
partners of the  
5 capitalised  
projects**

**+ working with  
more than 400  
stakeholders**

# Core ENI CBC MED projects for capitalisation

## REUSEMED

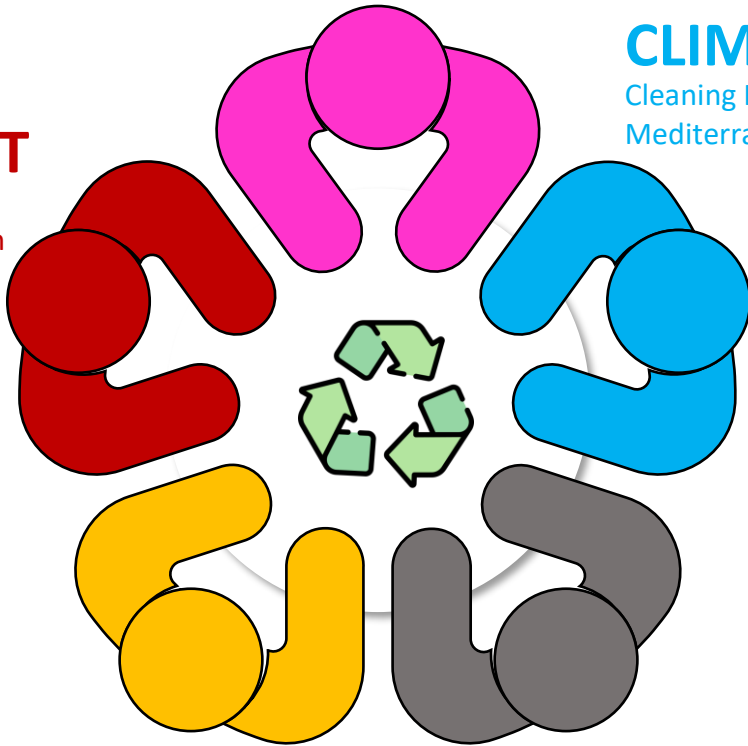
Mediterranean Basin Reuse circuits  
for all fraction of waste

## CLIMA

Cleaning Innovative  
Mediterranean Action

## DECOST

Decentralised  
Composting in  
Small Towns

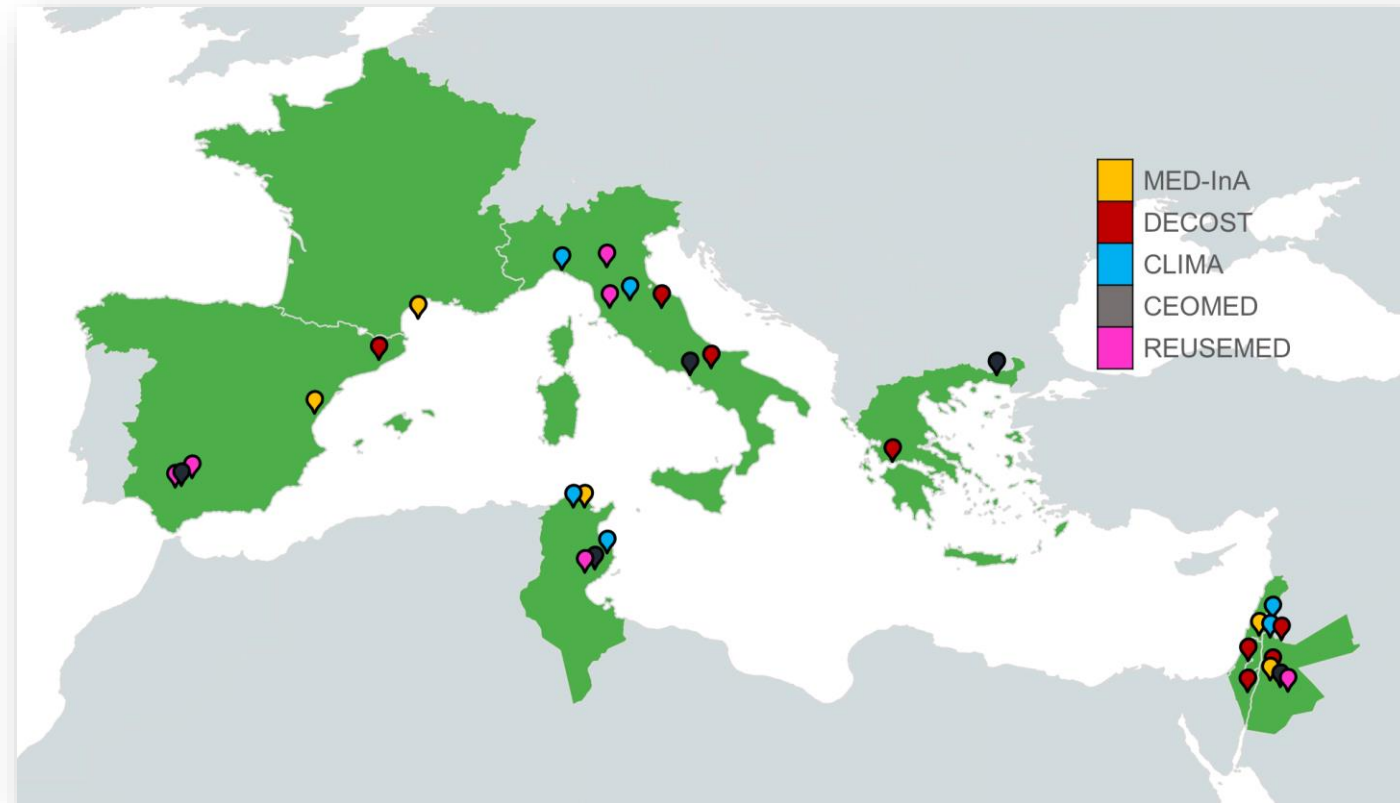


## MED-InA

Mediterranean Integrated  
Alliance on Waste for cities  
and citizens for Zero Waste

## CEOMED

Employing circular economy  
approach for OFMSW  
management in open markets



# Capitalisation process and achievements of Med4Waste

## Identification of successful and efficient practices



## Catalogue of case studies and benchmarking analysis

## Replication and reuse



## Med4ZeroWaste & Circular Economy Course

## Business platform



## Awareness raising events



## Mentoring schemes for municipalities

## Mainstreaming in public policies



## Mainstreaming conferences



The 9th Environment for Europe Ministerial Conference



## Policy Toolkit



# Catalogue and benchmarking analysis

An overview of **successful practices, solutions and approaches** in waste separation, collection, treatment, and recycling in the Mediterranean region. It also highlights the **lessons-learnt** that should be considered in replicating the practices.

## Thematic categories of the catalogue:



Integrated Municipal Waste Management Plans  
(MED-InA, CLIMA)



Innovative Sustainable Technologies  
(CEOMED, CLIMA)



Green skills & Capacity Building  
(MED-InA, REUSEMED, CLIMA, DECOST)



Treatment of Organic Waste/Composting  
(CEOMED, REUSEMED, CLIMA, DECOST)



Digitalization of the Waste Management Sector  
(CEOMED, REUSEMED)



Guidelines and good practices  
(MED-InA, REUSEMED)



**Available in  
ENGLISH, FRENCH  
and ARABIC!**





# Catalogue and benchmarking analysis

An overview of **successful practices, solutions and approaches** in waste separation, collection, treatment, and recycling in the Mediterranean region. It also highlights the **lessons-learnt** that should be considered in replicating the practices.

## Benchmarking analysis of waste management initiatives:

- Anaerobic Digestion (CEOMED)
- Zero Waste Policy Guidelines (MED-InA)
- Reuse Circuits, Centers and App (REUSEMED)
- Pay-as-you-throw Policy (CLIMA)
- Community Compost System (DECOST)

Presentation tomorrow by  
Lara Panzani (COSPE)



**Available in  
ENGLISH, FRENCH  
and ARABIC!**



# Med4ZeroWaste & Circular Economy Course

Created with content from Med4Waste capitalised projects, partners, and literature. The course is open to anyone interested and **targeted to waste management stakeholders**. The classroom is designed to be **self-paced** and **self-assessed**, and it is hosted at **Ubiqua platform**. The course will always be **free of charge**.

Ubiqua Learning Platform

Home Dashboard My courses

Med4ZeroWaste & Circular Economy Course

Course Settings Participants Grades Reports More

Overall progress % 76

Announcements

For now the course is available in English. However, we are actively working on a translation into Arabic. If you prefer to do the course in Arabic, let us know in the Forum. We hope to complete this work by the end of September 2023. If you begin the course in English, you will have the option to switch to Arabic once the translation is ready. Please ensure that you select English from the language dropdown menu at the top of the course page.

Introduction

Waste generation and management

Circular economy

Reduce strategies

Reuse strategies

Recycling and composting

From theory to practice

Progress: 95%

Progress: 71%

Progress: 83%

Progress: 84%

Progress: 0%

160 students enrolled so far!

Completion Progress

NOW

Overview of students

Educational team

Aleix Vallis Sanchez

Med4Waste project manager

The main mission of the BETA Technological Centre is to be a relevant actor for the technological development, the improvement of the competitiveness and the quality of life of rural societies.

betatechcenter.com/

Development team



Available in  
**ENGLISH and ARABIC!**

متوفر باللغتين  
الإنجليزية والعربية





# Med4ZeroWaste & Circular Economy Course

## Introduction

Course structure, educational team, code of honour

## From theory to practice

Municipalities, businesses, and citizens

## Recycling and composting

Material recovery, resource generation, biowaste

## Reuse Strategies

Preparation for reuse and benefits, supply chain, good practices

## Reduce Strategies

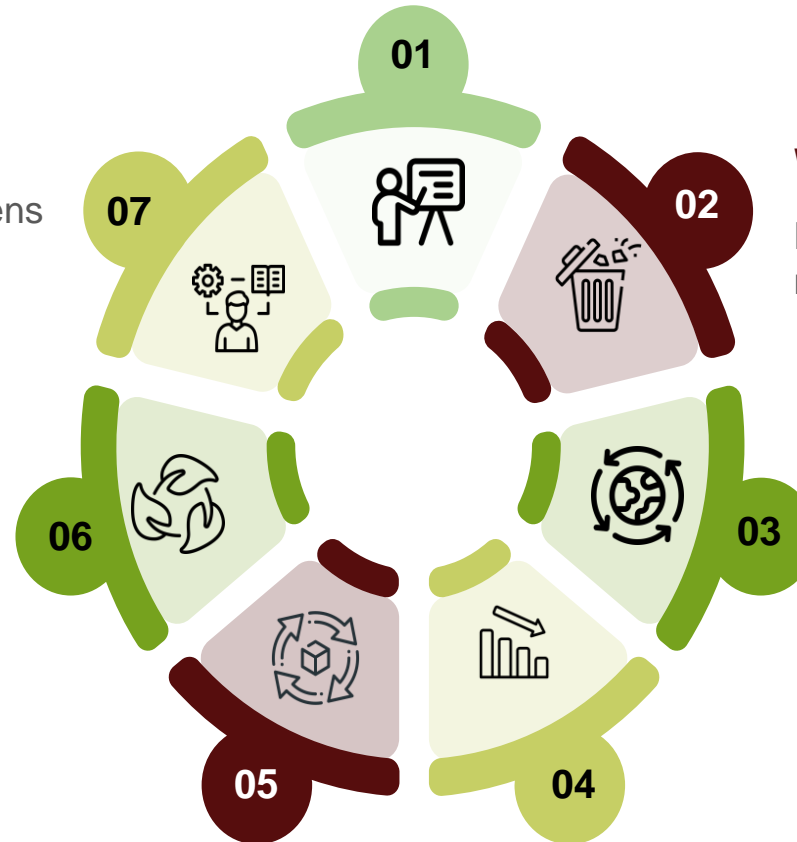
Supply chain design, sale, and consumption

## Waste generation and management

Linear economy, waste generation and management in the Mediterranean region

## Circular economy

Zero waste, change of paradigms, producer responsibility governance models



# Awareness raising campaigns

## Eco Builder – Med4Waste game



- Game is available in PC version, iOS, and Android
- Up to 140 youths played the game!



Hackathon in Lebanon




International Composting Awareness Week in Spain



Film festival in Italy

# Business Platform + report

The Business Country Desk (BCD), designed by BUSINESSMED, aims to assist and **stimulate trade and investment** mainly in 10 south Mediterranean countries, as well as to **initiate and develop business partnerships** between North-South and South-South Mediterranean economic operators. It aims to be the' reference portal to connect the key business actors around the Euro-Mediterranean basin.

This project is co-funded by the European Union

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[The BCD](#)

[Business HelpDesk](#)

[Partnerships](#)

[EuroMed in action](#)

[E-learning](#)

[EuroMed Business Matching](#)

### Promoting the Euro-Mediterranean Business Ecosystem

The Business Country Desk, BCD, is an initiative designed by BUSINESSMED and is one of the key instruments implemented in the framework of the EBSOMED project (an EU co-funded project), in accordance with its action line “MED Link - Linking economic actors in the Euro-Mediterranean region”.

It is a platform, an online information service, designed to assist and stimulate trade and investment mainly in 10 Southern Mediterranean countries, as well as to initiate and develop North-South or South-South business partnerships between Mediterranean economic operators through the Regional Markets:

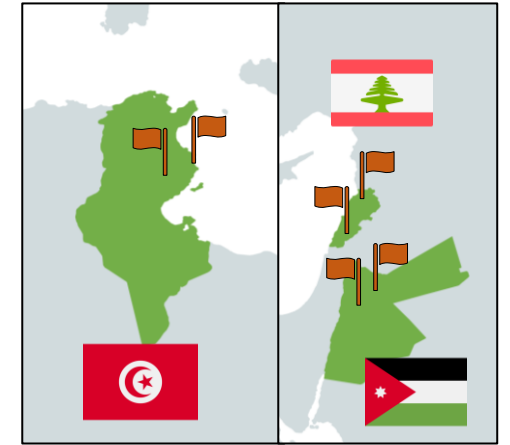
Foreign Direct Investment - FDI, Technology transfer, Business Opportunities, Trade & investment-oriented information, Business Networking





# Mentoring Schemes

Med4Waste provided **technical support to six cities** in the South Mediterranean to improve or develop their IMWMP; **exchange knowledge** with an ENI CBC Med project; and implement a **tailor-made** activity. In addition, two **SMEs** per municipality are tackling a waste challenges needed.



Presentation tomorrow by Noe Viedma (MedCities), Fatima (Lebanon) and Zouhaier (Tunisia)



# Policy toolkit

A dynamic document, designed to be user-friendly, aiming to transmit to key Mediterranean actors a **set of recommendations and policy guidelines to promote better governance** in the sustainable use of resources and management of waste and facilitate the implementation of the necessary steps to achieve a **circular economy in the Mediterranean**.

## Med4Waste Policy Recommendations for transitioning the Mediterranean waste sector to circularity

Overall, no “one size fits all” solution is suitable to promote sustainable waste management of resources in the Mediterranean region, in view of its social, economic and political heterogeneity. However, the following policy recommendations proposed by Med4Waste, which are based on lessons learned from applied cases in the region, address a wide range of common challenges covering all three aspects of sustainable development.

- At the **sub-national/local** level:

**1. Design and implementation of Integrated Strategic Waste Management Plans that guide territorial development towards a circular economy, involving all stakeholders and based on good practices and lessons learned.** Environmentally sound management measures of all waste, particularly hazardous, including through waste prevention and alignment with the waste hierarchy and circular economy objectives, and even ambitious zero-waste objectives and strategies, are catalytic for achieving sustainable cities and towns. As no single solid waste management approach is suitable for managing all materials and waste streams in all circumstances, local authorities should work toward developing tailor-made ISWMPs that meet the specific needs and conditions of their area based on participatory processes that take stock of stakeholder needs and concerns. Based on real challenges in the region, as a minimum, Mediterranean municipalities should aim to:

- achieve 100% collection coverage (for cities with a population of more than 1 million);
- eliminate open burning of municipal solid wastes and similar wastes;
- close large open dumps, replacing them with controlled disposal facilities;

Presentation later on by Haris Paliogiannis (MIO-ECSDE)

**Draft available in  
ENGLISH.  
Soon in FRENCH  
and ARABIC!**





# Mainstreaming conferences



## 9th Environment for Europe Ministerial Conference – Nicosia, Cyprus

Towards a new Waste Management Governance: implementing circularity from the local to the regional level in the Mediterranean  
30 participants



## A better urban organic waste management for a more resilient Mediterranean agriculture

Back-to-back event with the 4th UfM Working Group on Environment and Climate Action  
On-Line Webinar: Tuesday 23<sup>rd</sup> of May, 10:00 AM – 13:00 PM (CET)  
150 participants



## The power of capacity building schemes: moving towards a zero waste Mediterranean

EU Green Week Partner Event: Skills for sustainable, resilient, and socially fair communities  
On-Line Webinar: Thursday 8<sup>th</sup> of June, 10:00 AM – 12:00 PM (CET)  
100 participants



## Decentralized management of municipal organic waste in the Mediterranean

Joint event organized by Med4Waste and WES.  
Cagliari (Sardinia), Italy, 24-26 October 2023  
200 registered participants on-line + 80 in-person

# Mediterranean Dialogue for Waste Management Governance

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*Thank you!*

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Entity: BETA Tech. Center (UVIC-UCC)

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Location: Cagliari, Sardinia

