

PROVINCE OF TERAMO EXPERIENCE ABOUT TORDINO RIVER HYDROGRAPHIC BASIN CONTRACT. SUSTAINABLE GROWTH AND GREEN ECONOMY THROUGH RIVER CONTRACTS.

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OVERVIEW



THE PROJECT:



ERCIP

INTERREG IVC

European Union
European Regional Development Fund

The development of the local context of the Province of Teramo has always been connected to its river corridors, as is gathered from the etymological origin of the state capital name: "Teramo" derives from *Interamnina Urbs*, which means "town placed between two rivers". Currently, the pressure caused by human activities on the rivers is leading to a number of problems through severe and critical phenomenon such as a drastic decrease in water qualitative levels, landslides and flash floods following heavy rainfall. In recent years, these occurrences have been reported by the media and other institutions, highlighting that river corridor management needs to be rethought and revised to address the problems faced.

The Province of Teramo, in making a stand against hydrographic basins' administrative and programmatic fragmentation, has recognised The River Contract as a key opportunity for implementing a new territorial governance model based on landscape units. The River Tordino Contract, an EU funded initiative through the "ERCIP" INTERREG IV C project, represents the Region of Abruzzo's first experience in this field, as part of a wider plan which envisages the signing of River Contracts for the 5 river basins of the Province of Teramo.

THE COLLECTIVE MEMORY



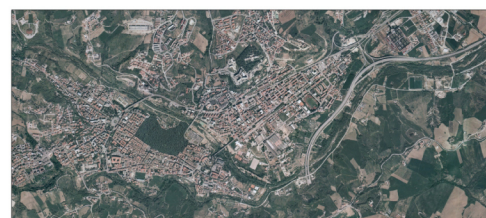
THE EVOLUTION OF THE TERRITORY



Borbonic cadastre map



Aerial photography 1954



Aerial photography 2010

THE METHOD:

A methodological path has been chosen for the project delivery which combines three different working areas, inside a Multilevel Governance Process (MLG):

Normative Area which aims to outlining the complex river boundary normative framework, with the aim of identifying: stakeholders to be engaged, workable intervention action fields, planning tools to act with.

Technical Area which involves collecting and setting of several studies and works from bodies, associations, research institutes, etc. to make systematic information and data available within a multilevel and multi-sector knowledge framework, to make up a database (GIS) which will be available to everybody.

Territorial Entertainment Area (stakeholders, bodies and associations involvement) A deep dynamic involvement work which will be carried out on the strengthened Agenda 21 methods, which aims to give a leading role to all stakeholders. The aim is to increase stakeholders awareness about the river contract signature's responsibilities and benefits.

Social and Economic Area which wants to recreate local community spirit starting from river landscapes and to outline a new economic role. We want to promote the birth of a new collaborative model to realize *smart territories*, through a strategy which reaffirms the local government leading role.

S.I.T. multilayer:

- Planning system
- Normative framework
- Roles and competences
- Development plans
- Geomorphology
- Biodiversity
- Water quality
- Legitimate interests
- Attendance activities
- Free time activities
- Socio-economic status
- Financing tools
- Economic assets
- Green economy assets

Focus on
the critical

S.E.A.

scenery

CORNERSTONES:

1. River contract is a tool which aims to local implementation of Region Abruzzo Region's Water Conservation Plan.
2. Hydrographic basin is the ideal territorial unit to solve competence problems and to achieve rational and uniform physical-environmental and socio-economic plans.
3. Hydrographic basin is divided into high, middle and low Tordino valley. Three boundaries of the Water Conservation Plan allow to overcome administrative fragmentations.

IS A CHANGE POSSIBLE?

- The runaway exploitation of the river as an inert deposit (gravel, flood waste, debris, sand, etc.) starting from the postwar period.
- Sprawl and linear town have deleted place's nature.

IS SMART TERRITORIES CREATION POSSIBLE?

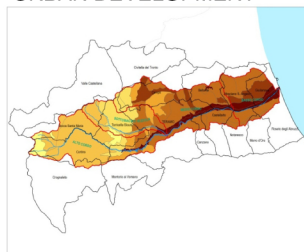
- Loss of the river landscapes leading role in economic and social life.
- Loss of the rivers importance in recreational and free time activities.

IS THE RIVER LANDSCAPE PRESERVATION POSSIBLE?

- River becomes a urban structure backstage, so it's often considered a sediment (or a landfill)

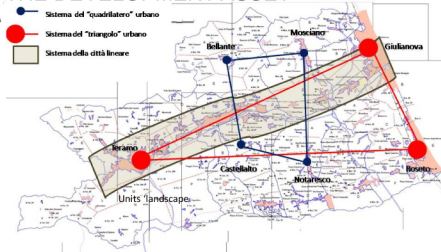


URBAN DEVELOPMENT



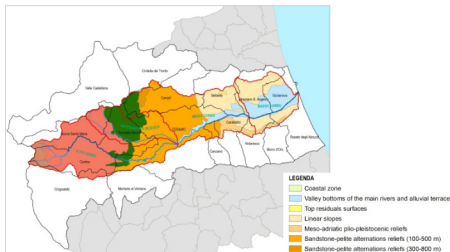
Rate of housing complex in the unit landscape - forecast

THE DEVELOPMENT ASSET



Spatial pattern of economic development

THE LANDSCAPE ASSET



Units landscape

4. The path of territorial engagement coincides and increase the S.E.A. (Strategic Environmental Assessment) process. This will guarantee a wide institutional and public involvement attendance and supports the identification of areas index to be analysed and actions to be implemented

5.