

Community planning

The Regional Directorate for Territory, Urban Planning, Mobility and Waste Management (TUMR), in collaboration with international partners, has responded to Community-wide calls for proposals for about twenty years. The activity has been carried out within the framework of European Programmes such as MED, Interreg IIIB Medocc, Interreg IIIC, Ten-T, Horizon 2020, Seventh Framework Programme and E- Content and has included the submission of several projects related to the sectors dealt with by the Regional Directorate. Thanks to the participation to European projects as project leader (6) and as partner (15), the Regional Directorate TUMR has acquired an extensive documentation of studies and best practices, which now makes up a bank of innovative ideas able to inspire new regional programmes. Many of them have been also experimented through pilot projects in other European countries.

The two main subjects of the European projects dealt with by this Directorate are **Transport** and **Urban Planning**.

As far as **Transport** is concerned, we distinguish two main research themes:

- **maritime transport**, with regard to projects like DEVELOP-MED, FUTUREMED, PORT-NED MED PLUS and WATERFRONT. The first two projects were mainly concerned with freight and passenger infomobility. As for FUTUREMED in particular, which is considered the continuation of DEVELOP- MED, it was possible to create a system able to integrate the information coming from the port management systems of Olbia and Civitavecchia. An *APP* was also made available to the users, thus improving both port services and information. The system was tested with a pilot project (for freight and passengers). The last two projects were mainly concerned with the theme of ports: PORT-NED MED PLUS led to the creation of an interregional net of port centres of expertise/excellence. WATERFRONT analysed possible interchanges at port areas and their optimisation strategies in line with the development of the surrounding territory.
- **land transport**, with regard to projects like LIMIT4WEDA, VILLEMI-ZERO, CORONAS, A.C.E.. Sustainable mobility was the main theme of the projects. CORONAS METROPOLITANAS first studied the mobility problem suffered by areas of environmental and landscape value. This project was then continued and tested by VILLEMILLE-ZERO in the area of Castelli Romani. In recent times

LIMIT4WEDA, which ended in May 2013, furthered sustainability (with gas fuelled means of transport), thereby looking for solutions to the relevant territorial issue of transport rationalisation in sparsely populated areas. The proposed innovative solutions were shown within *100 EUrban solutions* in Brussels during *Open Days 2013*.

Intermodality was instead the theme dealt with by A.C.E., which aimed at improving the accessibility level of transport system in the Mediterranean region (passengers and freight) with regard to national, regional and local flows as well as to transnational flows. This project proposed the creation of an integrated tool for transport management. In particular, a module-based structure was developed. It allows the planning and the integrated programming of interventions as well as the evaluation of their effects on transport, territory and environment. The Pontine Islands represented the testing area in Lazio.

Sustainable mobility is also supported by the last ongoing project called 3EMOTION. Thanks to this project Regione Lazio will be one of the five European sites able to test hydrogen-powered buses and it will also be able to create a suitable filling station.

In the **urban planning** field the two main research themes are: landscape (improvement and protection) and territory planning and governance, with particular regard to energy planning. Projects have always been developed in West Mediterranean area thereby shaping an ideal although not yet formalized macro-region.

- **landscape (improvement and protection)** with regard to projects like PAYS.DOC and PAYS.MED.URBAN. Both the projects have capitalized their deliverables over time. Thanks to experiences exchange, the project PAYS.DOC has set up an Observatory of Mediterranean landscapes, a Mediterranean Landscape Prize and a Catalogue of Best Practices. All the experiences were then translated into Guidelines. Based on experiences to date, the second project, PAYS.MED.URBAN, aimed at implementing what established by the Landscape European Convention, which extends the scope of its action as far as ordinary landscapes and compromised landscapes are concerned, focusing on two fundamental research themes: cultural identity and quality of landscapes. Landscape guidelines were finally issued and represent the last achievement of the project.
- **territory planning** has been implemented through operational tools first and later with TECNOLANGUE. This project developed an ICT network, which includes interactive maps thanks to which it is possible to verify and test possible planning solutions. MEDISDEC-STRADMED,

PROGRESDEC/ESDP STEPS, OTREMED, ENERSCAPES, INFLOWENCE implemented then territory governance models.

The first one of these last projects, MEDISEC-STRADMED, is particularly important for its pilot projects, which aimed at developing some models, linked to the creation of management and intervention tools for local systems. PROGRESDEC/ESDP STEPS has determined to what extent the European Spatial Development Scheme policies have been taken up at regional and local level and how local authorities have interpreted and implemented with specific instruments the guidelines contained in the European document. The third project OTREMED has laid the foundations of the regional Mediterranean observatory that will be the tool, which supports the public administrations with regard to the territorial planning, the decision-making process and the territorial governance activities. The last one of the four mentioned projects has linked energy planning to territorial planning by developing “action plans” and “guidelines” as support tools for energy policy choices and for sustainable development. These tools aim at ensuring coherence between energy plans and landscape protection. INFLOWENCE has finally developed the notion of competitive potential that a territory can activate through the construction of strong functional relationships between the main centre and its hinterland.

In addition, it is necessary to point out the role of PLAN4ALL and i-SCOPE, which develop IT platforms. These last two projects deal with two important although complementary themes, which are nevertheless not directly linked to the two main subjects of territory planning. The first one of the two projects concerns the INSPIRE Directive on standardization of spatial data which in many cases is insufficient to establish forms of dialogue and co-planning between cooperating countries. Goal of the project is therefore the creation of a common platform including the standardization of territorial metadata of the European territory. Thanks to an open web platform and a 3D urban territory model, the second project provides instead three services for SmartCities concerning energy optimization, social inclusion and noise pollution monitoring.

To sum up, sustainability has been in fact the driving force for the European projects carried out by the Directorate TUMR as well as the reason of their capitalisation. As a matter of fact sustainability is also the theme, which laid to the choice of a well-defined geographical area, West Mediterranean that we hope could become a macro-region.

CONTACTS

Administrative Transparency and European Projects Office
e-mail: mobility.eu.project@regione.lazio.it

- **Caterina Zannella**– tel. – 0651689156 e-mail: czannella@regione.lazio.it
- **Angela Lopez**– tel. 0651689402 e-mail: alopez@regione.lazio.it