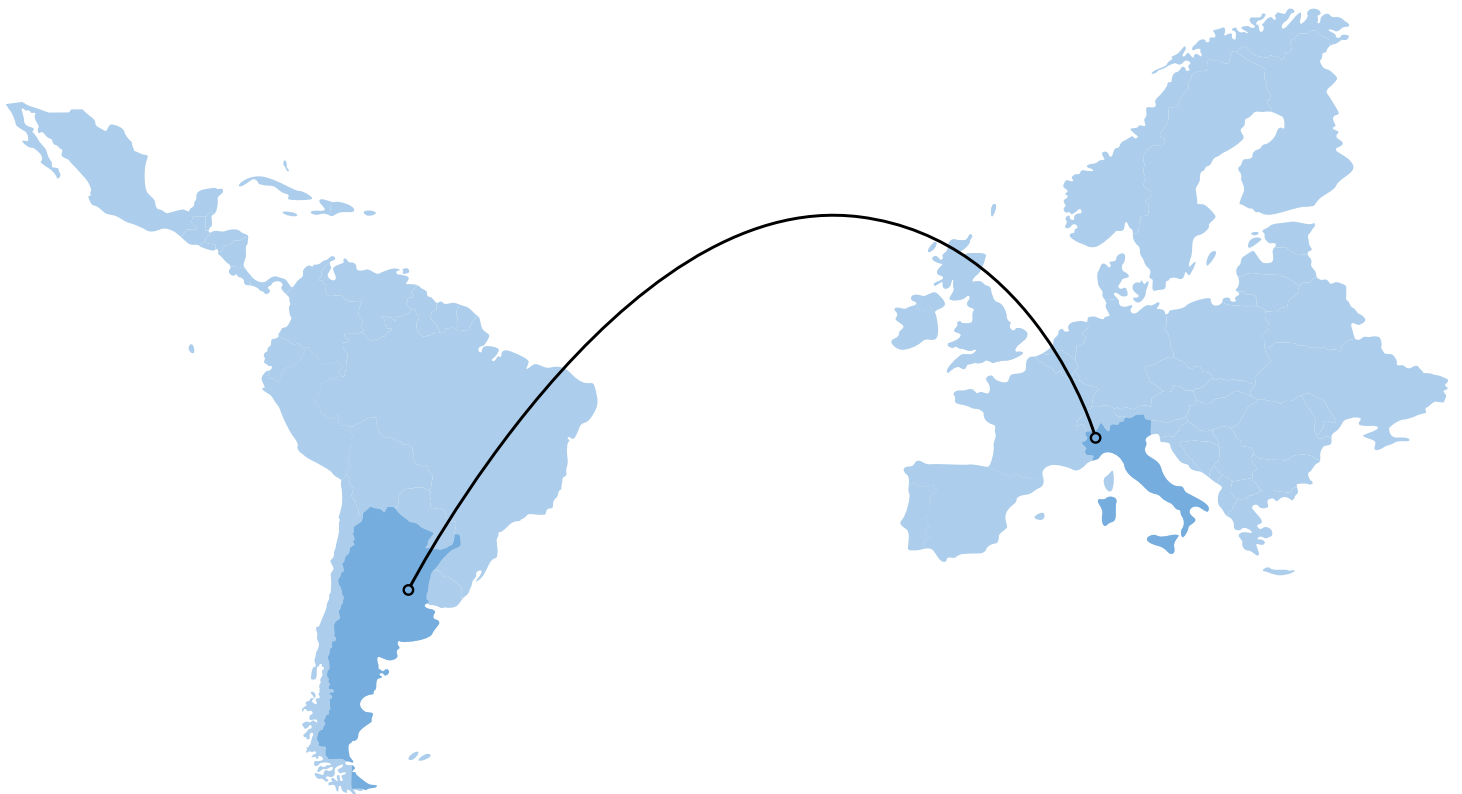

PAIRING REPORT: ROSARIO-GENOVA



INTERNATIONAL URBAN COOPERATION
European Union-Latin America and the Caribbean



A European Union
Programme

ROSARIO-GENOA

THE PAIRING AT A GLANCE

The Municipality of Genoa is the third city in Northern Italy. Its modern port is one of the most important of the Mediterranean Sea. Genoa, after the almost complete dismantling of the heavy industry, has discovered her cultural touristic potential. The city has started a transformation process with the implementation of an innovative governance method based on the stakeholders and citizenship.

Rosario is located in the southeast of Argentina. It has a local economy marked by a preponderance of the commercial sector. The city has assumed the commitment to develop as an intelligent and sustainable city, as a crosscutting axis to all local public policies. The prime challenge for the city of Rosario is how it can articulate an integrated energy policy.

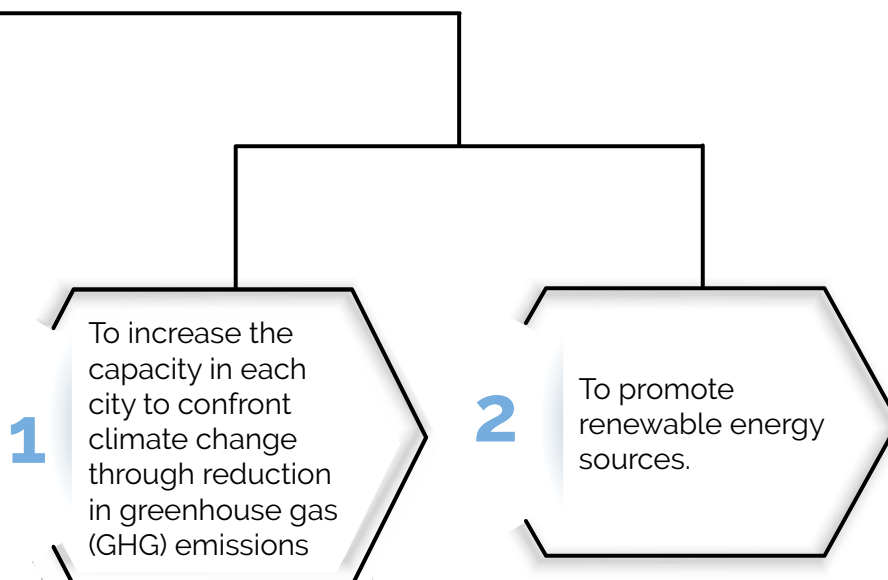
Keywords

- #Smart City development
- #Clean energy
- #Citizens's involvement
- #Digital tools

Thematic areas of cooperation

- Renewable energy
- Smart City development

Objectives



Activities

Both cities have been working on the reduction of CO₂ emissions through energy efficiency and renewable energy and have aimed to increase their urban resilience through modern and advanced instruments which help to predict risks and prepare their cities.

During the study visits both cities identified energy management as a main topic for cooperation and exchanges. They agreed to cooperate in the development of local governance for smart energy management in an urban sector of the city of Rosario, Argentina.

Genoa offered its technical assistance for the creation and operation of a Local Energy Stakeholder Working Group and a Participatory Plan of Action for Climate and Sustainable Action in Rosario. This specific objective was proposed to be achieved with the technical assistance of the IRE Liguria (IRE S.p.A – Infrastruttura Recupero Energia Agenzia Regionale Ligure), the Comuna di Génova and the Genoa Smart City Association.

Stakeholders involved

Genoa: Municipality of Genova; City Service providers; Regional Agency for Environment; Companies

Rosario: Municipality of Rosario.



MAIN INTERVENTION-PILOT PROJECT

The Rosario Energy District Project proposes intervention in a sector of the central area of the city, where to concentrate local energy management experiences. It is a sample of territory that has public buildings, public space, residential buildings and services (health, gastronomic, commercial). Likewise, the project proposes the implementation of this pilot in parallel with actions of energy governance and education and community involvement. The pilot project proposes interventions in buildings and public spaces in the sector, for energy efficiency, generation from renewable sources and the development of microgrids.

At the same time, the main actors linked to the local energy theme are brought together around the experience, generating a space for governance that sustains this transition process.

Rosario's smart transport management and its platform "Rosario Responde" has created strong interest in Genoa, which aims to transfer Rosario's intelligent communication forms, applying it for citizens feedback and assistance to citizens' needs.

MAIN IMPACTS AT LOCAL LEVEL

The expected results are the creation of an energy district in Rosario (based on decentralized renewable energy sources) – consisting of public buildings, housing, private enterprises, and public spaces – which shall become the stage for the application of innovative energy management. Although the pilot project will generate a concrete reduction of GHG emissions from the experience in the Rosario Energy Sector (pilot experience), the most important result will be the dissemination and acceleration of the process of implementation of these solutions in different sectors of the city. Actually, the development of the pilot project will establish not only the technical and market possibilities to tackle the issue, but also generate the protocols and procedures to extend this new component of the management of public buildings throughout the municipality.

The platform of “Rosario Responde”, on its part, shall become the basis for a smart cluster of a joint Rosario-Genoa Laboratory which uses intelligent communication forms for citizens feedback and assistance for citizens’ needs.



LESSONS LEARNED AND ADDED-VALUE OF IUC

“On the field of Energy, a new urban management issue, the experience of European cities - such as Genoa - shows the importance of generating multi-level, multi-sector and multi-stakeholder governance”.

“In the exchanges with Genoa, we were able to identify a vision on intelligent energy management, with experiences both at an academic and urban level”.

“The Program allows us to learn inside experiences in cities that have advanced in solving a challenge that is still pending in our city. It allows us to strengthen the capacities of local teams as well: there is no better training than to see the solutions in progress explained by its main actors”.

- Rosario

CONTRIBUTION TO INTERNATIONAL FRAMEWORKS

Related **SDGs** and **Urban Agenda for the EU** topics:

7 AFFORDABLE AND CLEAN ENERGY



11 SUSTAINABLE CITIES AND COMMUNITIES



13 CLIMATE ACTION



Urban Agenda for the EU: Digital Transition, Energy Transition.

INTEREST IN FUTURE THEMATIC NETWORKS

Interest shown by **Rosario** both in the Action Plan and in the survey conducted by the Program

Interest shown by **Genoa** both in the Action Plan and in the survey conducted by the Program

NETWORK 1	Mobility, Connectivity and Transport	NETWORK 1	Mobility, Connectivity and Transport
NETWORK 2	Smart Cities & Digital Transition	NETWORK 2	Smart Cities & Digital Transition
NETWORK 3	Urban Poverty and Regeneration, Housing, Social Inclusion – Cohesion, Equity	NETWORK 3	Urban Poverty and Regeneration, Housing, Social Inclusion – Cohesion, Equity
NETWORK 4	Circular Economy, Waste and Sustainable Production / Consumption	NETWORK 4	Circular Economy, Waste and Sustainable Production / Consumption
NETWORK 5	Sustainable and Healthy Cities, Sustainable Land Use – Nature-Based Solutions	NETWORK 5	Sustainable and Healthy Cities, Sustainable Land Use – Nature-Based Solutions
NETWORK 6	Climate Action, Energy, Water and Air Quality	NETWORK 6	Climate Action, Energy, Water and Air Quality
NETWORK 7	Innovation and Economic Growth, Strategic Sectors, Jobs and Skills.	NETWORK 7	Innovation and Economic Growth, Strategic Sectors, Jobs and Skills

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