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ECO Courts project is funded by the European commission under the Life+ Environmental Policy and Governance, a tool created to help the implementation, updating and development of policy and legislation on the environment, thus contributing to sustainable development.



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LIFE+ ECO Courts project

“ECOLOGICAL COURTYARDS UNITED FOR RESOURCES SAVING THROUGH SMART TECHNOLOGIES AND LIFE STYLE”

THE STARTING POINT

Urban “metabolism” linked to household consumption and production activities produced a growing pressure on water and energetic resources, leading to a dangerous reduction of available environmental resources. Moreover, the increasing production of waste calls for urgent measures aimed at waste reduction and eco-friendly management.

Where to start in order to launch initiatives for sustainable management of resources benefitting the whole community?

Eco Courts project moves from the idea that residential buildings and single family units are the best starting point to foster collective actions that favor the reduction of the environmental impact and the exploitation of natural resources of our daily life.

Why does the project focus on the rationalization of water consumption and energy and on reducing waste production?



Cities, especially residential buildings, use about 30% of the total amount of energy delivered at a national level.

Italy ranks second in Europe for daily per capita water consumption, that is 340 litres per citizen.



Domestic waste is about 55-60% of total national waste.

WHAT ARE THE OBJECTIVES OF THE PROJECT?

- ▶ To change the metabolism of urban households living in apartment through the promotion of radical changes in lifestyles that enhance the collective action (resource sharing, exchange of goods), the adoption of small intelligent technologies (water leak detectors, reducing water flow, etc ...) and the approach to the cycle of life (reuse, recycling ...).
- ▶ To increase awareness of families and citizens in their consumption of resources and results that can be achieved through collective action.
- ▶ To educate building managers on their potential role as vehicles of change towards condominiums, to stimulate more conscious behavior towards the environment.
- ▶ To promote - in the context of public authorities and economic players - the idea that buildings (and neighborhoods) are complex systems that, through collaboration and cohesion of families living there, can contribute significantly to the reduction in consumption of resources of the city.
- ▶ To develop and test an online tool designed to guide families toward the reduction of resources.
- ▶ To assess the implementation of activities carried out by families in order to collect statistical information used by policy makers to improve environmental legislation, to create effective incentives, to give support to the "green economy" and to provide real data on the potential reduction of resources achievable by the families and communal staircase, in particular taking into account the reuse and reducing waste and saving energy and water.

HOW WE WANT TO PROCEED?

- ▶ Collection of national and international resource saving and waste reduction good practices and surveys among citizens, through the web community.
- ▶ Activation of an apartment houses community associated with housing cooperatives and accessible to individual families.
- ▶ Activation of a web community composed of citizens and families joining the web community ECO Courts, from members of consumers' cooperatives.
- ▶ Creation of the Sustainable Family Tutorial, an information and interactive kit for the eco-efficient management of homes and apartment houses, will be made up of a tool to estimate and monitor the consumption and of a collection of eco-advice to help citizens to better manage resources.
- ▶ Identification of condos that test-pilot these tools.
- ▶ Extension of the toolkit to all members of apartment houses community and web community. Partnerships with stakeholders will be activated and innovative technologies and smart solutions to promote the saving of resources will be reported.
- ▶ Organizing a communication campaign disseminating the results of the different phases of the project.
- ▶ Launch of "ECO Courts Awards" will be assigned to families and apartment houses that will be distinguished for their achievements and for the best innovative solutions applied.

EXPECTED RESULTS

