

WATenERgy CYCLE

Urban water full cycle: from its source to its
end-users and back to the environment

WP6 Transnational Strategy, Policy
Recommendation & Sustainability

Joint Del. 6.4 Transnational Strategy, Policy
Recommendation & Sustainability Action Plan



PP2 - General Secretariat for Natural Environment and
Water

WP6: Transnational Strategy, Policy Recommendation & Sustainability

- Responsible partners:
 - **PP2 - General Secretariat for Natural Environment and Water**
- Partners involved: ALL
- Budget: 38,628.99€

WP6: Transnational Strategy, Policy Recommendation & Sustainability

- WP6 includes:
 - Water Pricing Policy Recommendation Paper
 - Water Efficiency Policy Recommendation Paper
 - Energy recovery Policy Recommendation Paper
 - **Transnational Strategy, Policy Recommendation & Sustainability Action Plan**

Sustainability Action Plan



- **Definition**

The Sustainability Action Plan (SAP) of WATenERgy CYCLE is designed to promote the dissemination of knowledge and information about the water efficiency/energy recovery actions, and thus to maximise the demonstrative value of the project actions and their impact after its completion

The Sustainability Action Plan of WATenERgy CYCLE project describes how the partners will continue (after the end of the project) communicating the role and importance of water efficiency, energy recovery and water pricing to water resources sustainable management and environmental sustainability



Sustainability Action Plan framework

- **Vision**

WATenERgy CYCLE project envisages the optimization of the integrated water supply management regarding sustainable long-term water demand and resources (water/energy) availability and the water supply systems efficiency related to climate change and socio-economic aspects

- **Mission**

The present action plan aims to outline the strategic actions to ensure the sustainability of the WATenERgy CYCLE project's results, providing to all partners a proposed guidance in order to ensure long lasting results after the end of the funding period

Sustainability Action Plan



- **Guiding principles**

The sustainability of WATenERgy CYCLE will be guaranteed by disseminating the results and good practices from the pilot actions and policy recommendations on water efficiency, energy recovery and pricing policy. It must also be linked to the development of solid partnerships and relations between all the relevant stakeholders or networks that could help to maintain or expand the outputs of the project after the end of the funding period

Sustainability Action Plan



► Goals & Objectives

According to the abovementioned guiding principles, the sustainability action plan focuses on a continuous documentation and dissemination of project results and the establishment of communication between relevant stakeholders. The main goals are:



Sustainability Action Plan





Sustainability Action Plan

In order to monitor the progress of the implementation of Sustainability Action Plan, the following indicators will be closely observed

SAP monitoring indicators

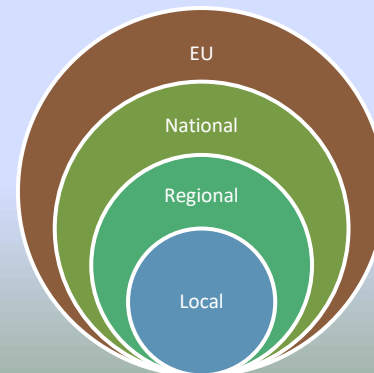
- Years of project's web- site operation
- Number of networking events
- Years of pilot actions operation
- Number of newsletters
- Reports on KPIs
- Number of publications
- Number of meetings among partners
- Number of meetings with stakeholders



Policy Recommendation

Stakeholders engagement in policy formulation

Key stakeholders are identified at local, regional (water boards/authorities), national (Ministries, national associations/agencies), and European level (associations, DG, EC) They are the ones responsible for driving the development, implementation, and success of any water policy. These target groups will be engaged after the end of the project in a common effort to promote successful technical solutions and policy recommendation





Policy Recommendation

Main Axis of Water and Energy recovery policy

- ❖ Support Full Cost Recovery of water services (financial, environmental, water resources cost)
- ❖ Ensure water affordability for all households, if necessary, through subsidies
- ❖ Ensure affordability (collectivity) in order to ensure sustainable providers
- ❖ Provide economic incentives to manage water demand to be complimented by non-economic tools
- ❖ Promote good practices concerning water tariffs such as:
 - ▶ Set Inclining Block Rates tariffs: Define categories of consumers according to National legislative framework and living standard
 - ▶ Allocate the Cost of Non-Revenue Water fairly between the utility and the consumers

Policy Recommendation



Main Objectives of Water and energy recovery policy

- ❖ Ensure sustainable management of water resources and environmental sustainability
- ❖ Improve water/energy synergies in existing policies
- ❖ Promote good practices relevant to water efficiency and energy recovery
- ❖ Support testing, implementation and adoption of innovative technologies and tools
- ❖ Support innovation and research on water- and energy-saving technologies
- ❖ Develop energy efficiency indicators and targets for the water sector
- ❖ Improve the gathering of data from different water uses
- ❖ Underpin decision-making with improved data
- ❖ Promote public awareness and ensure stakeholder's participation

Transnational Strategy



Memorandum of Understanding

The Transnational Strategy begins with an MoU. The MoU formalizes the partnership and commitment between project partners for the purpose of establishing and achieving various goals and objective relating to the project.

- ✓ The parties will establish a close cooperation and explore opportunities for greater collaboration on provision of services. The MoU aims to identify potential areas for collaboration and to establish a framework under which these actions may take place.
- ✓ Additional areas of collaboration may be mutually agreed within the framework of this MoU. The Parties will undertake their cooperation by strengthening existing practices and technical expertise and sharing know how

Transnational Strategy



Implementation of MoU by the Parties

The Parties shall cooperate on the subjects enlisted through:

- ✓ Benchmarking
- ✓ Organization of meetings, training programmes and workshops
- ✓ Exchange of scientific and technical information and documentation on research and development activities and management practices
- ✓ Exchange of researchers, advisors, experts and non-governmental organization members
- ✓ Exchange of new technologies
- ✓ Elaboration of cooperation projects
- ✓ Any other forms of cooperation deemed necessary by the parties

Conclusion



- ▶ The parties will continue to apply the project results in order to go further with their development
- The dissemination of the results can lead to new proposals among the partners and recommendation on water and energy recovery policy
- Pilot actions for the application of innovative technologies for control & reduction of energy and leaks in the water distribution cycle and their integration into a legal framework will lead to their further development by finding new sources of funding
- Based on the results and conclusions of the project, state entities will cooperate with the associations of water supply and sewerage companies in order to improve the institutional framework
- The involved parties will cooperate to undertake necessary actions in order to achieve the improvement of water providers efficiency by the rationalization of cost elements incorporating innovative technology in water supply systems. In this context actions related to legislative issues and financial sources should be investigated in order full cost recovery and improvement of water resources management to be achieved

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