



United Nations-001 Global Wastewater Initiative

Join WFCRC

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#OceanAction14183

Global Wastewater Initiative (GW2I)

by Global Wastewater Initiative (GW2I) (Partnership)

- DESCRIPTION
- [SDG 14 TARGETS COVERED](#)
- [DELIVERABLES](#)
- [RESOURCES MOBILIZED](#)

Objectives: The Initiative is envisaged to prompt synchronized action, and encourage new investments in wastewater management that will bring a paradigm shift in world water politics, not only to prevent further damage due to poor wastewater management but to emphasize that wastewater is a resource whose effective management is essential for future water security, and to take action to transform the existence of wastewater from a problem to an opportunity

Implementation methodologies: The GW2I has 4 components through which it implements its objectives. These are -: 1. Addressing Data gaps and trends &, generating knowledge
This includes collecting, compiling, analyzing and verifying available data on wastewater production, collection and discharge and quantifying the economic, health and environmental impacts of unsafe wastewater disposal as well as reuse worldwide.

-Developing monitoring mechanisms and tools for wastewater and water quality so as to fast-track the implementation and monitoring of the wastewater relevant targets in the SDG targets and indicators.

-Collaborative research projects and programs designed to address knowledge gaps related to the causes of inappropriate wastewater generation and subsequent impacts thereof contribute to potential solutions and opportunities for resource recovery and reuse.

2. Capacity Development and Training

This involves identifying the capacity gaps of different target groups to undertake diagnosis, formulate appropriate policies, select suitable cost-effective technologies, and implement effective solutions to mitigate wastewater impacts and recover resources from wastewater, which are then assessed, and training materials and methods are developed to address these gaps.

3. Promotion of best practices, technologies and successful policies

This includes documenting and promoting successful research-based and field-tested practices and technologies for wastewater reduction, collection, treatment and safe reuse/and recycling ; Documenting Successful laws, regulations, plans, programs, economic instruments and institutional arrangements for wastewater reduction, collection, treatment and safe reuse/and recycling

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4. Awareness raising and communication

The key outputs from the above-mentioned focal areas are disseminated to raise awareness of wastewater as a valuable resource, the risks from untreated wastewater disposal and to promote the development and implementation of wastewater management policies, technologies, financial instruments, and best practices.

Follow up mechanisms: Follow up on the activities of the GW2I is mainly through site visits to on the ground projects i.e. wastewater demonstration projects; face to face as well as regular steering committee meetings.

Governance: The GW2I is governed by a steering committee which includes members from Governments, UN agencies, Academia, NGOs as well as the private sector. The chair is Government of Turkey (Turkish water Institute) with UN habitat as the co-chair

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