



GEF CReW+

An integrated approach to water and wastewater management using innovative solutions and promoting financing mechanisms in the Wider Caribbean Region (WCR)

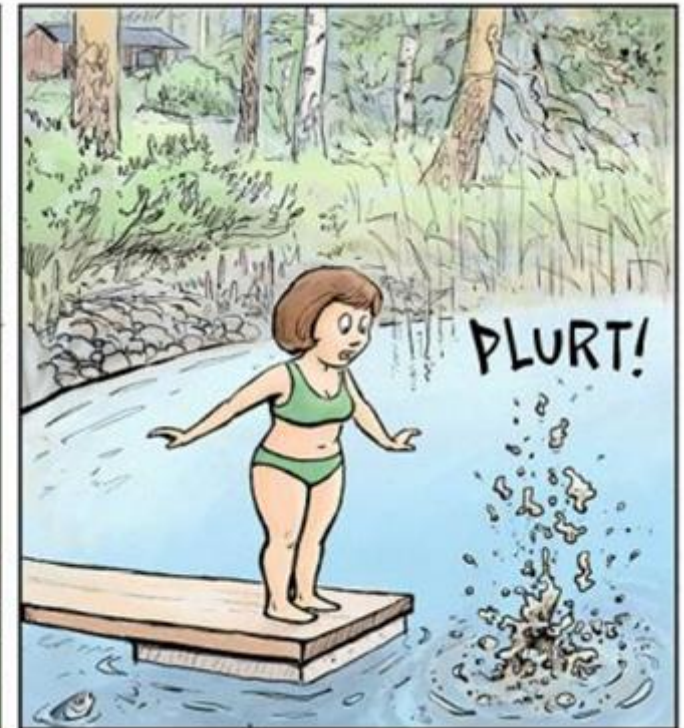
Welcoming 18 countries to our regional approach



This innovative project will build upon its previous phase “*The Caribbean Regional Fund for Wastewater Management (CREW)*” project (2011-2016).

Achievements of the GEF CReW in 13 countries of the WCR

- Over **37,000 people** (8,400 households) provided access to improved wastewater treatment;
- **9,700 m³/day** domestic wastewater treated;
- 2,100 kilograms of **BOD/day**; 406 kilograms of **nitrogen/day**; 85 kilograms of **phosphorus/day** reduced from entering the environment;
- **12 new wastewater treatment plants** to be completed with co-financing from IDB;
- **National Wastewater Revolving Funds** worth \$5m and \$3m respectively established in Belize and Guyana;



Achievements of the GEF CReW cont.

- *National Policies, Laws and Regulations improved;*
- *Awareness on importance of improving Wastewater Management for National development raised;*
- *More than 600 people trained, including public service operators, laboratory technicians, government officials, media, etc.;*
- *Jamaica, Costa Rica & Honduras ratified Land-Based Sources of Marine Pollution Protocol (LBS protocol).*



Objectives of the CReW+



Implementation



Transformation



Sustainability

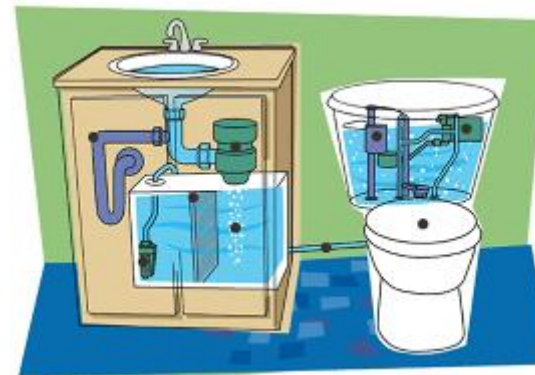


Tailor-made &
Sustainable Financing
Options

Greater emphasis on
small-scale interventions
with simple and
decentralized technology
(rural and peri-urban)



Conservation of
water resources



Component 1:

Institutional, policy, legislative and regulatory reforms for **Integrated Water and Wastewater Management (IWWM)**.

*CRew+ will implement innovative technical **small-scale solutions** in the Wider Caribbean Region using an integrated water and wastewater management approach building on sustainable financing mechanisms piloted through the Caribbean Regional Fund for Wastewater Management.*

Component 2:

Sustainable and tailor-made **financing options** for urban, peri-urban and rural IWWM.

Component 3:

Provision of innovative small-scale, local, rural, peri-urban and **community-based solutions** for IWWM.

Component 4:

Knowledge Management and Advocacy on the importance of IWWM in order to achieve the **Sustainable Development Goals**.



Component 1:

Institutional, policy, legislative and regulatory reforms for **Integrated Water and Wastewater Management (IWWM)**.



Outcome 1.1 Consolidated, improved and reformed institutional, policy and legislative frameworks for IWWM in at least **9 countries**.

Outcome 1.2 Enhanced regional and national coordination, info. exchange, science-based decisions, and reporting on relevant SDGs and MEAs, resulting from the use of national and regional platforms/databases for IWWM and regional institutions in at **least 6 participating countries**.

Outcome 1.3 Improved knowledge and skills to enable the monitoring for national reform processes for IWWM, and for reporting on relevant SDGs and MEAs.



Component 2:

Sustainable and tailor-made **financing options** for urban, peri-urban and rural IWWM.



Outcome 2.1 Improved understanding of different financing options and greater readiness for wastewater management financing at small-scale local, community and national levels in **all countries**.

Outcome 2.2 Increased and sustainable financing for Integrated watershed management including protecting surface and groundwater water sources in at least **3 watersheds/hotspots**.

Outcome 2.3 Improved knowledge and skills for successful design, establishment and management of appropriate financial mechanisms in **selected countries**.



Component 3:

Provision of innovative small-scale, local, rural, peri-urban and **community-based solutions** for IWWM



Outcome 3.1 Improved wastewater treatment, including reuse, in rural and peri-urban hotspots using low tech and IWWM solutions.

Outcome 3.2 Improved life cycle management, circular economy and efficiency in water use-consumption promoting source protection and water reuse in the joint management of surface and groundwater resources in **3 critical watersheds/hot spots.**

Outcome 3.3 Improved knowledge and skills within targeted communities to enable implementation of innovative low-cost integrated water and wastewater management solutions.



Component 4:

Knowledge Management and Advocacy on the importance of IWWM to achieve the **Sustainable Development Goals**



Outcome 4.1 Improved awareness and understanding of the advantages of implementing integrated approaches within targeted communities to enable implementation of low-tech and integrated water and wastewater management solutions.

Outcomes 4.2 Improved access to an information exchange mechanism, including knowledge of experiences and lessons learnt, as well as improved information sharing capability with GEF and the wider, local and national communities amongst **all 18 participating countries**.



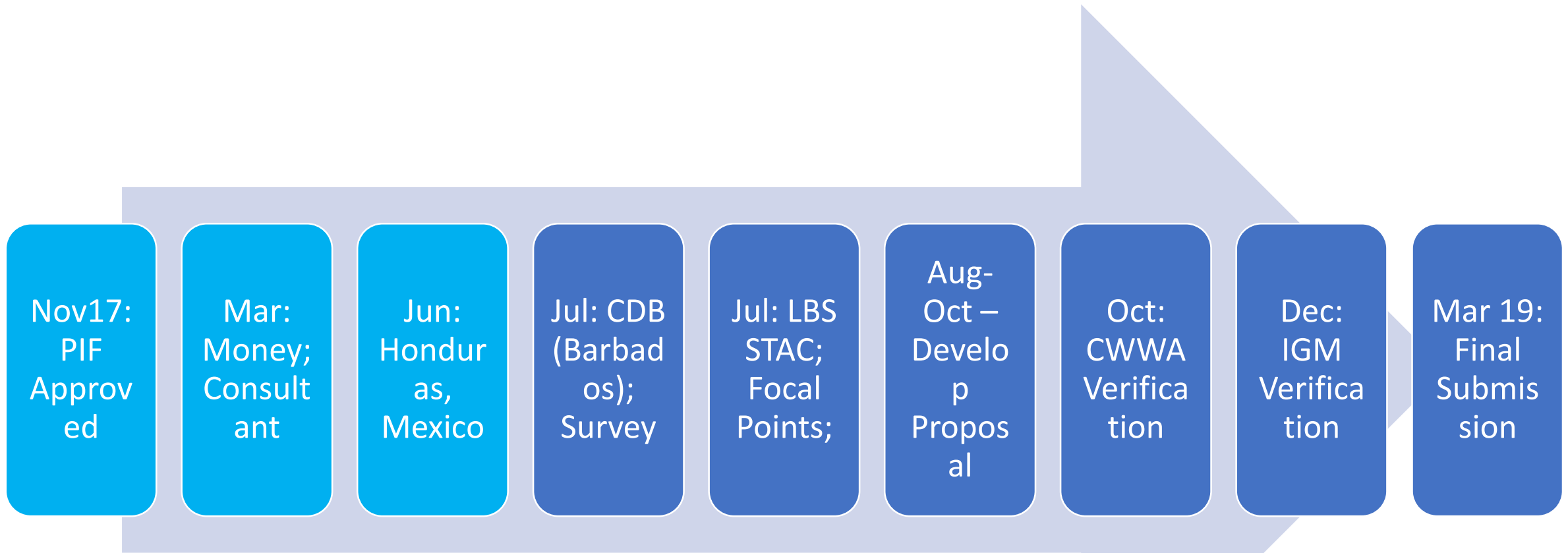


Preparation of the Project Document and its corresponding annexes (in progress).

Consultations with national and regional stakeholders to gather baseline information, understand country priorities, identify intervention sites and secure endorsement and co-financing letters (in progress).

Complete the design of various project activities at national and regional scale, the results framework, costed outline, workplan, monitoring and evaluation plans for validation (October 2018).

Submission of the CEO Endorsement document and its corresponding annexes to the GEF Secretariat for Approval (Mar 2019).



Country	Poor attitudes and low awareness of wastewater management	Poor practices	Low levels of enforcement	Improved legislative & policy frameworks	Low levels of capacity	Old infrastructure & technologies
Antigua and Barbuda						
Aruba						
Bahamas						
Barbados						
Belize						
Colombia						
Cuba						
Dominican Republic						
Grenada						
Guatemala						
Guyana						
Haiti						
Jamaica						
Panama						
St. Lucia						
St. Vincent & the Grenadines						
Suriname						
Trinidad and Tobago						
Venezuela						

Focus of Survey

- Institutions, Policies, Laws & Regulations
- LBS Protocol ratification & implementation
- Data bases & Information Platforms
- Financing Mechanisms for Water & Wastewater Management
- Incentives for Watershed Management
- Decentralized Wastewater solutions
- Partnerships with private sector
- Knowledge & Awareness
- Co-financing

- Water & Wastewater Management Projects (ongoing, planned)
- Detailed Project Concepts for Wastewater investments
- Barriers to improving wastewater management
- Opportunities to improve wastewater management
- Wastewater Reuse – What is needed?
- Training Priorities – What? How? For Whom?
- Possible Partner Agencies

Thank you
Merci Beaucoup
Muchas Gracias



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