

Gender Mainstreaming in Water and Wastewater Climate Change Adaptation Projects: A Case Study for the Caribbean

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Outline



- 1 Gender and Climate Change
- 2 International Financing for Climate Change Projects
- 3 Climate Resilient & Adaptive Water Infrastructure Projects
- 4 Gender Analysis
- 5 Gender Mainstreaming the Project Cycle
- 6 Questions

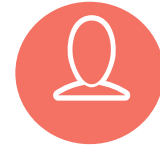
Gender and Climate Change



Climate change increases human and resource vulnerability



Men and women perceive climate risks differently



Climate impacts are not gender neutral

Gender plays a crucial role in understanding the causes of climate change, aiming to mitigate it, and working towards successful adaptation to inevitable climate change.

International Financing for Climate Change Projects

GREEN CLIMATE FUND CRITERIA

Integration of gender-based
perspectives throughout the
project life cycle is smart
economics



01

Project Concept Note



02

Pre-Feasibility Study



03

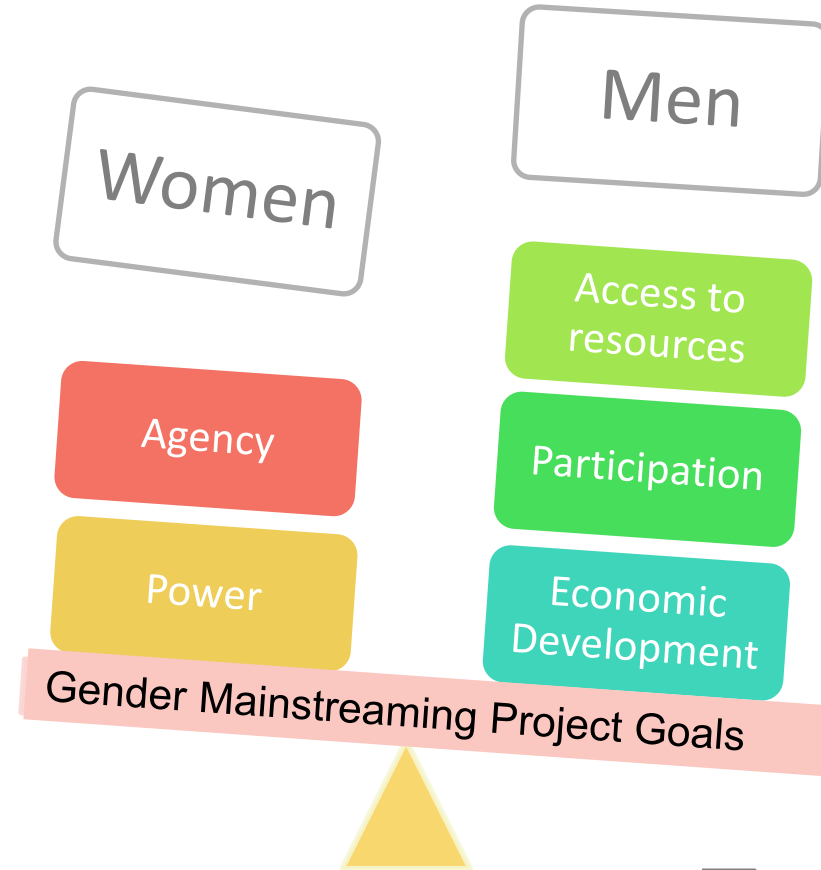
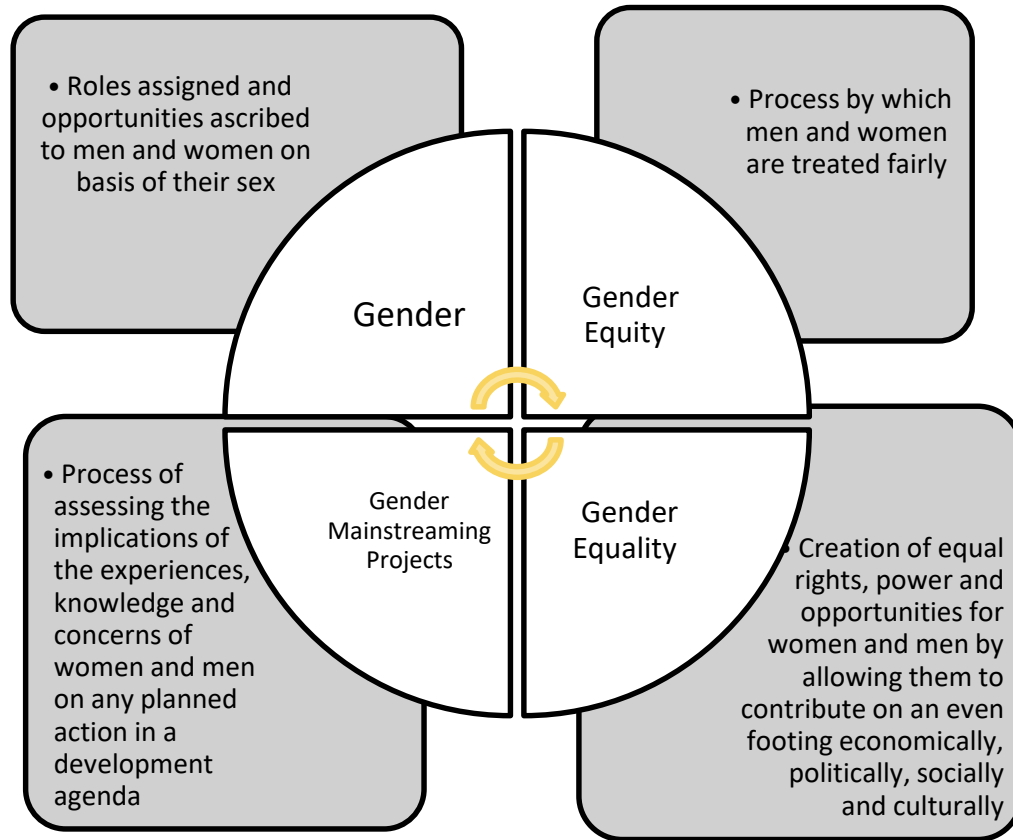
Environmental and Social
Impact Assessment



04

Gender Analysis

Definition & Relationship of Terms



Literature Gap – Gender Mainstreaming



RENEWABLE
ENERGY PROJECTS



WATER & WASTEWATER
INFRASTRUCTURE
PROJECTS



DEVELOPING WORLD



SMALL ISLAND
DEVELOPING STATES



SMALL SCALE WATER
& SANITATION
PROJECTS

Climate Resilient & Adaptive Water Infrastructure Projects

Current Challenges

Drier Climate & Population Growth

Degradation of natural barriers – mangroves and coral reefs

Pumping water uphill energy prohibitive

Water losses along pipe distribution network



Climate Resilient & Adaptive Water Infrastructure Projects



Resource Loss and Recovery Opportunities

**Non-
Revenue
Water
Loss**

**High Energy
Consumption**

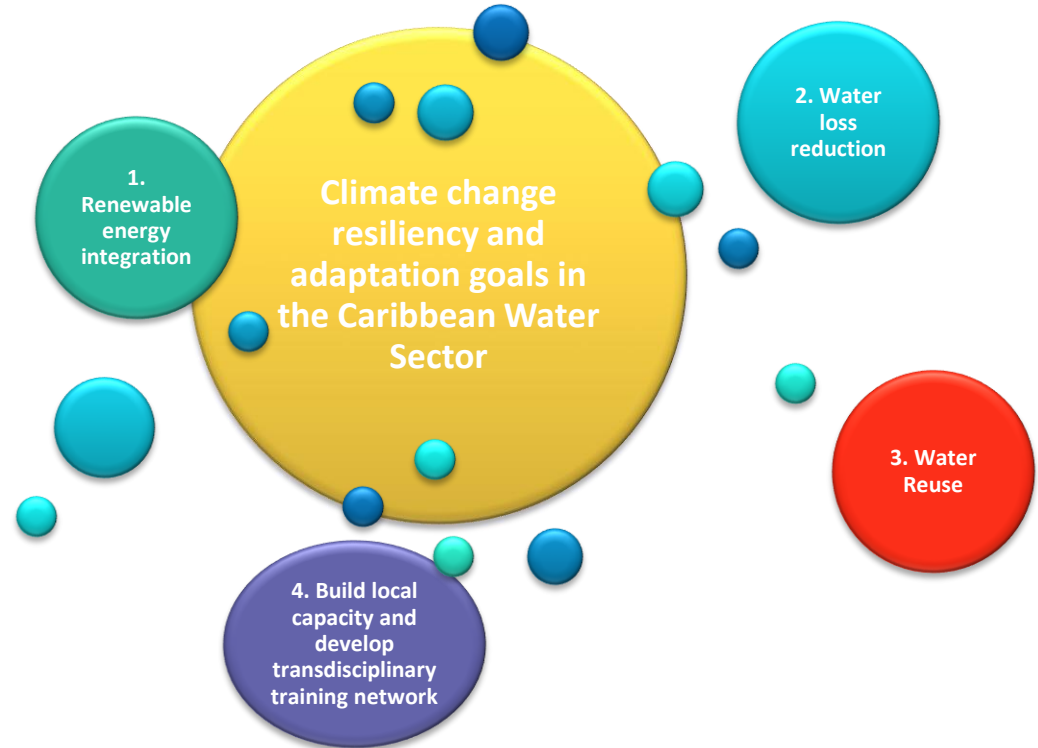
**Limited
Wastewater
Reuse**

**Nutrient
Recovery**

Climate Resilient & Adaptive Water Infrastructure Projects

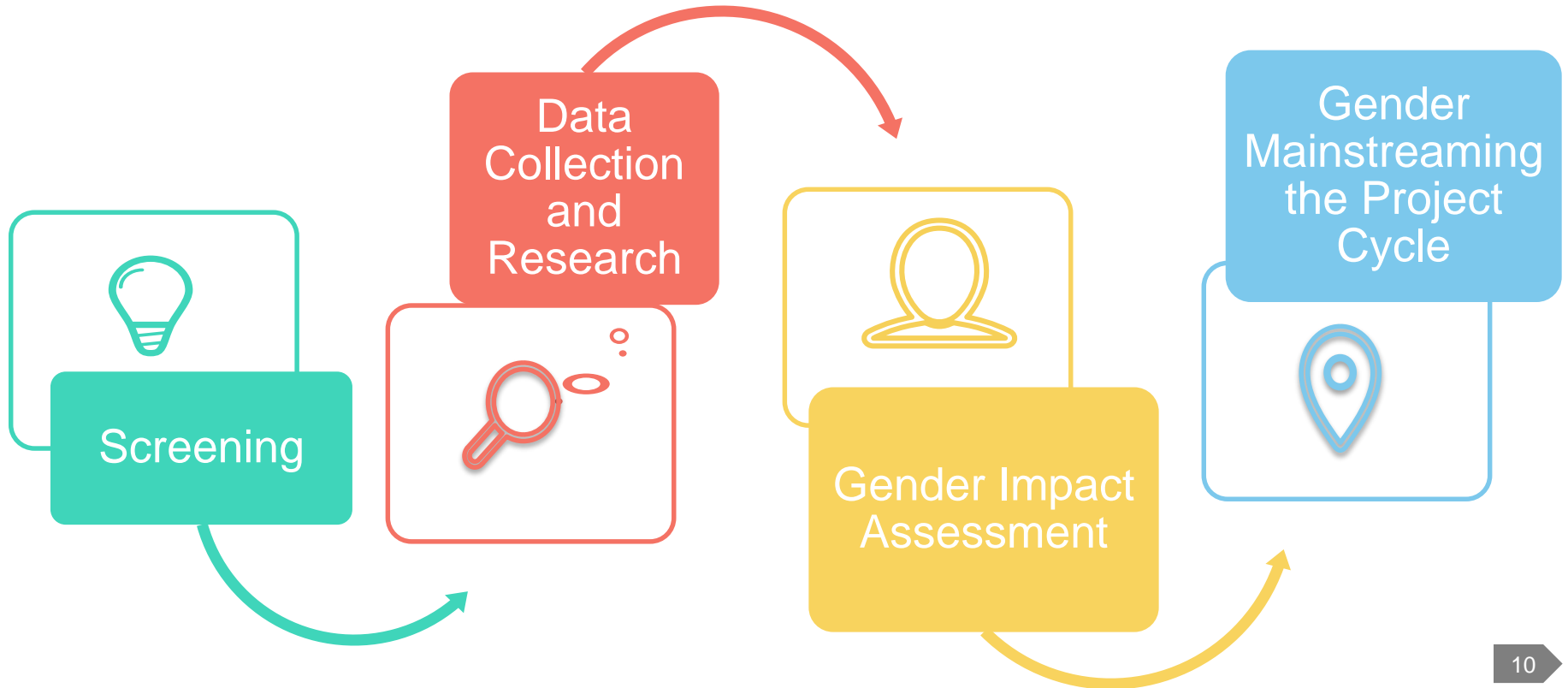
Anticipated Project Outcomes

- Mitigate greenhouse gas emissions
- Support global climate change strategies
- Build regional capacity
- Share lessons learned with CARICOM countries



Gender Analysis Step by Step

4 Step Gender Analysis



Project Screening

Step 01

Categorization of gender dimension of project goals to identify areas for in-depth analysis

Mapping of key internal/institutional and external project stakeholders

Project Gender Dimensions

- ☐ Political
- ☐ Legal
- ☐ Socio-economic
- ☐ Socio-cultural
- ☐ Physical

Data Collection & Research

Step 02

Collection of evidence of gender differences in stakeholder interaction with existing and planned water sector infrastructure and services

Review of existing national and water sector policies, strategies, and action plans for integration of gender considerations

Methodologies



Literature Review



Surveys, Focus Groups, Interviews



Mine Social Media



Gender Impact Assessment

Step 03

**Analysis of data to
determine gendered
needs from water
sector infrastructure
and services**

**Determination of impacts
(main and ancillary), risk
perception, and equality of
distribution of project
benefits**

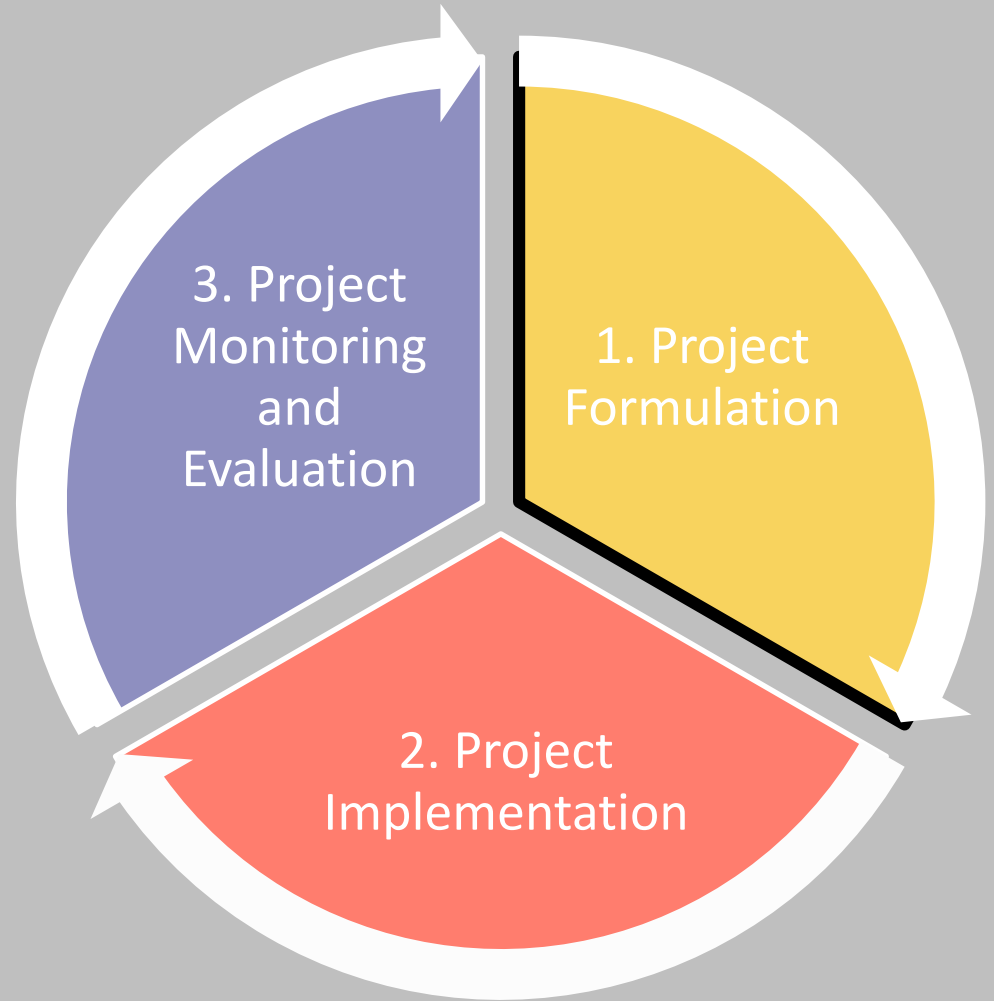
5 Fundamental Questions Answered



Gender Mainstreaming the Project Cycle

Step 04

- ☐ Gender-Responsive Budget
- ☐ Balance stakeholder views
- ☐ Set gender outcomes, outputs and indicators
- ☐ Develop appropriate communication guidelines

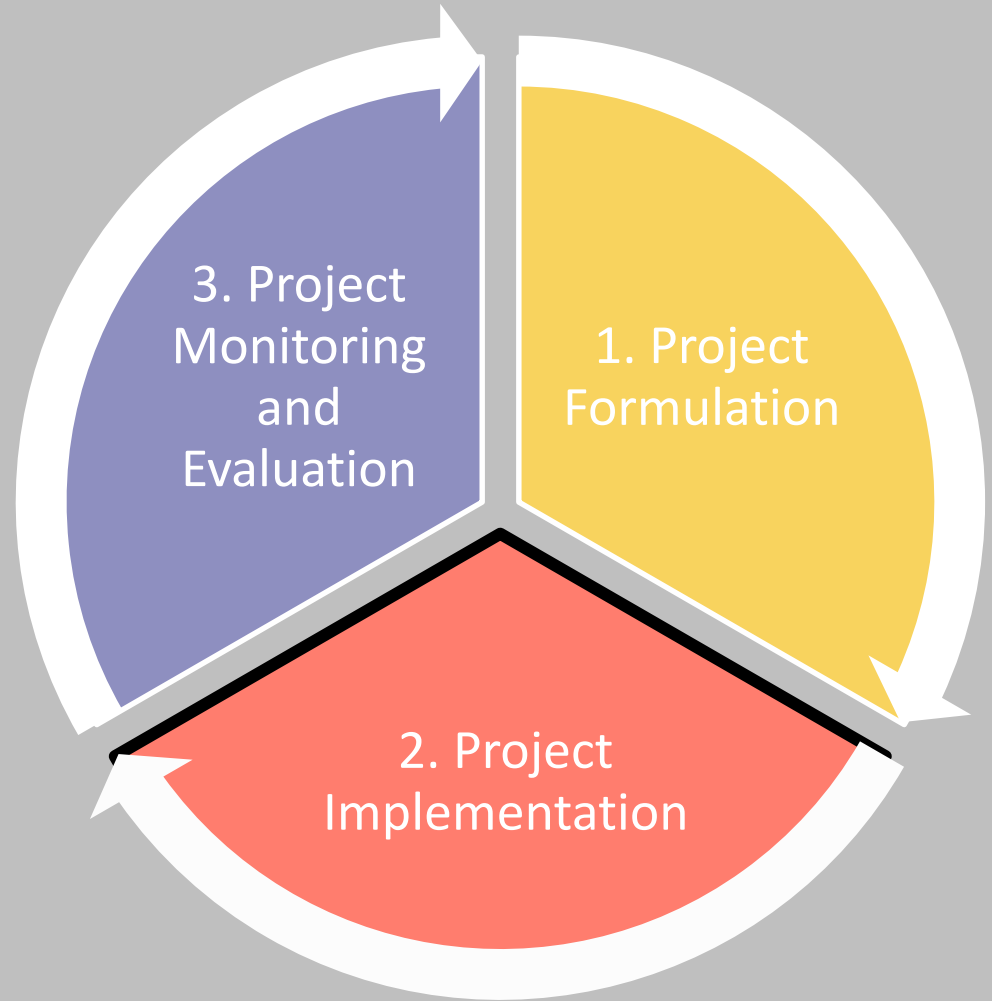


Gender

Mainstreaming the Project Cycle

Step 04

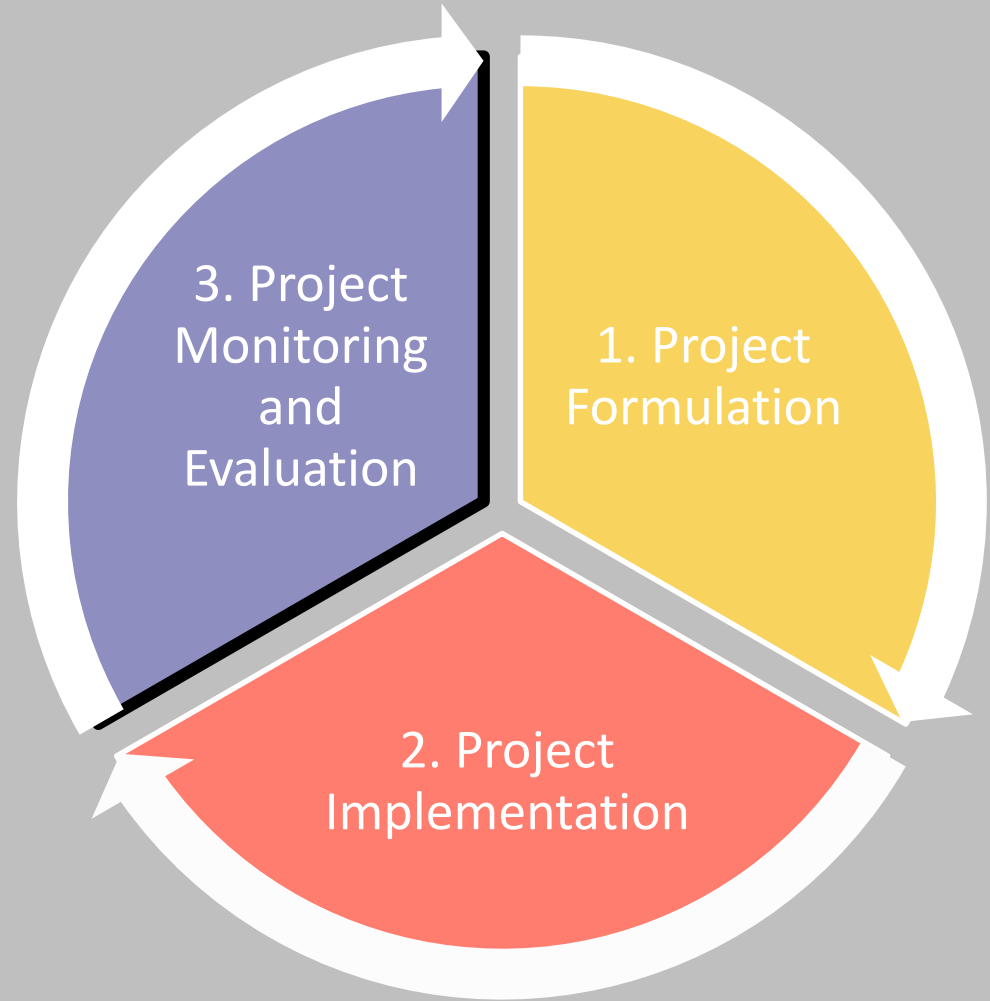
- ❑ Increase participation of underrepresented gender in decision-making
- ❑ Intervene to counter gender-differentiated patterns labour division
- ❑ Consider and utilise the capacities and skills of women and men



Gender Mainstreaming the Project Cycle

Step 04

- ☐ Review gender indicators
- ☐ Track the production of sex-disaggregated data



Summary



WOMEN AND MEN PERCEIVE CLIMATE RISKS DIFFERENTLY



RESOURCE RECOVERY AS A GOAL FOR WATER SECTOR



INCORPORATING GENDER PERSPECTIVES IS SMART ECONOMICS



GENDER ANALYSIS



GENDER MAINSTREAMING THE PROJECT CYCLE

THANK YOU! Questions?



Reclaim



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