Sustainable Water Integrated Management (SWIM) -Support Mechanism



Project funded by the European Union

# Water is too precious to waste M&E System Application to monitor & evaluate the Participatory Irrigation Management (PIM) and Irrigation Management Transfer (IMT) Process Introduction

Activity implemented in collaboration with CIHEAM/IAM Bari



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**M&E SYSTEM APPLICATION TO MONITOR & EVALUATE PIM AND IMT PROCESS** 

The EU-funded SWIM-SM project promotes best practices of Water Users' Associations (WUAs) in two pilot countries, Jordan and Tunisia.



The regional monitoring and evaluation (M&E) system will be implemented to enable national, regional and local authorities in the two pilot countries to examine and explore the applicability of the M&E system for WUAs

The overall objective of the M&E system is to monitor and evaluate the PIM/IMT process in order to ensure successful implementation of the

PIM/IMT and efficient performance of the WUAs



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What is a a Program of Monitoring & Evaluation?

### **Monitoring:**

... is the systematic and routine collection of information from projects and programmes for four main purposes:

>To learn from experiences to improve practices and activities in the future;
>To have internal and external accountability of the resources used and the results obtained;
>To take informed decisions on the future of the initiative;
>To promote empowerment of beneficiaries of the initiative.

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What is a a Program of Monitoring & Evaluation?

### **Evaluation:**

...is assessing, as systematically and objectively as possible, a completed project or programme (or a phase of an ongoing project or programme that has been completed). •Evaluations appraise data and information that inform strategic

decisions, thus improving the project or programme in the future •Evaluations should help to draw conclusions about five main aspects of the intervention:

> relevance effectiveness efficiency impact sustainability

Information gathered in relation to these aspects during the monitoring process provides the basis for the evaluative analysis.

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### What is the purpose....?

- Improve program implementation
  - Data on program progress and implementation
  - Improve program management and decision making

### Inform future programming

- Inform stakeholders
  - Accountability (donors, beneficiaries)
  - Advocacy

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### Who needs, uses M&E Information?

To Improve program implementation...

Managers

To Inform and improve future programs DonorsGovernments

Technocrats

Donors
 Governments
 Communities
 Beneficiaries

Inform stakeholders

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# Who conducts M&E....?

Program implementer Stakeholders Beneficiary M&E Technical skills



Participatory process

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# **M&E** Questions

### Monitoring questions:

- What is being done?
- > By whom?
- Target population?
- ▹ When?
- How much?
- How often?
- > Additional outputs?
- Resources used? (Staff, funds, materials, etc.)



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## **M&E** Questions

### **Evaluation Questions?**

>Is the content of the intervention or the activity being delivered as planned?

Does the content of the intervention or the activity reflect the requisite standards?

>Have the intervention achieved the expected results?



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What do we need to answer these questions...? INDICATORS and VARIABLE ...to take measurements.

**Type and Level of Each Indicator** Type Input Data (Logic-Numerical-Qualitative ) (Monitoring) Output / Outcome (Evaluation)

Level

National level – Regional level – Local level

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# How Is a Good Indicator?

Valid: Measures the effect it is supposed to measure

**Reliable:** Gives same result if measured in the same way

**Precise:** Is operationally defined so people are clear about what they are measuring

**Timely:** Can be measured at an interval that is appropriate to the level of change expected

**Comparable:** Can be compared across different target groups or project approaches

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# The proposed system

The proposed system consists of four modules as per the objectives listed below: Module A: assesses the degree of political commitment towards PIM/IMT; Module B: assesses the performance in the implementation of PIM/IMT; Module C: assesses institutional, financial and technical performance of WUAs; Module D: assesses the impact of WUAs establishment.

Each module consists of a set of outcomes and outputs for the specific PIM/IMT. For each outcome, a set of outputs is proposed, together with the indicators which correspond to the main elements that are proposed to be monitored and evaluated

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# How to carry out M&E...? Key Features

- 1. Program Framework: Systematic approach of the elements of the program and the path that shows what the program expects to achieve
- 2. Identify key elements to monitor and evaluate.
- 3. Determine and describe the measures to be used for monitoring and evaluation
- 4. Develop M&E Framework and action plans, including data collection and analysis, reporting and dissemination of findings.