



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**

2.1 Info Data and interconnectivity with the M&E application

This activity is implemented in collaboration with CIHEAM IAM Bari



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

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

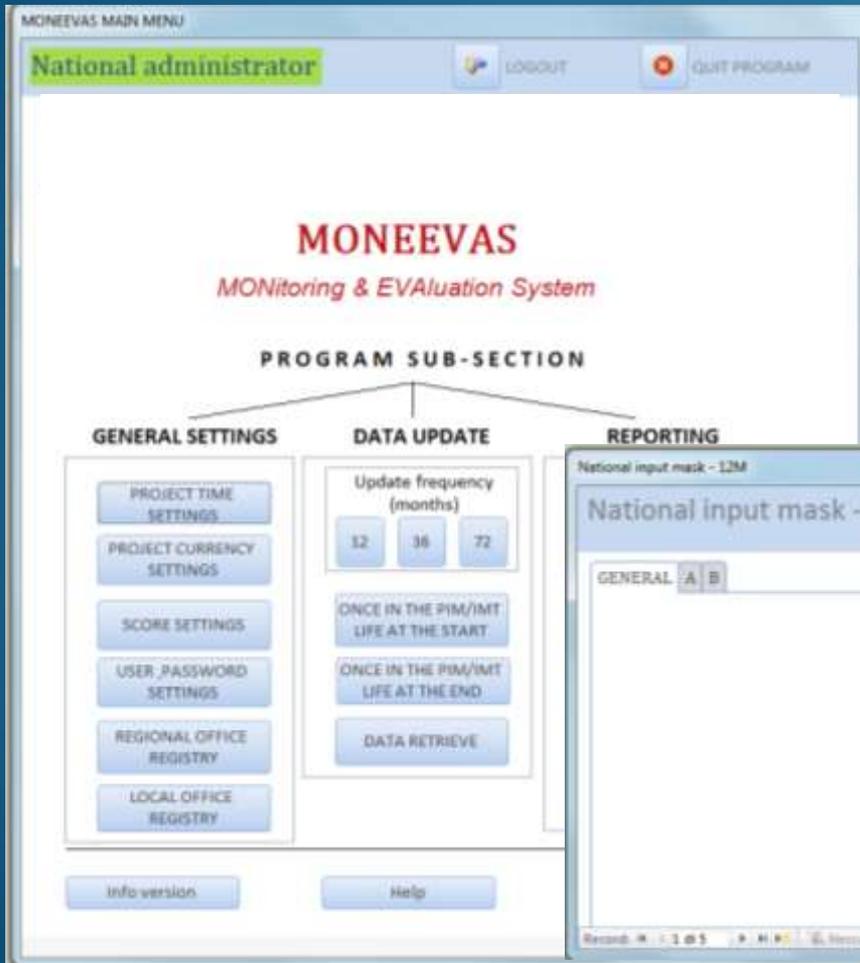
Output/Outcome Module	Subject of Request	Level of Aggregation	Type of Aggregation	Level of Applicability	Reviser	Type of Input	Frequency	Graphics & Report	Code	Acronyms for numerical indicators	Extended definition	Short definition (report)	Output (report)	Outcome (report)
A.1														
A	N			N		IL	12		A01010		Evidence of a government statement declaring the PIM/IMT program a national priority. "A government statement about PIM/IMT is a formal document where the objectives and justification of the programme are described but also other information regarding the scope and the policies to be implemented"	Evidence of a government statement declaring the PIM/IMT program a national priority	A government statement declaring the PIM/IMT program a national priority is available	The implementation of the PIM/IMT program is supported politically
A.2														
A	N			NR		IL	36		A02010N		A coordination mechanism has been established "A Coordination Mechanism refers to any institutional set up (i.e. steering committee, working group, special commission, task force, etc.) where the concerned governmental stakeholders share information and propose actions regarding the PIM/IMT process. The steering committee may consist of for example the irrigation agency, the Ministry of Finance, the implicated Donors if needed, and the Cooperative Ministry, or any Ministry responsible for representing the WUA, etc."	A coordination mechanism has been established		
	R	N	C	NR		IL	36		A02010R		A coordination mechanism has been established "A Coordination Mechanism refers to any institutional set up (i.e. steering committee, working group, special commission, task force, etc.) where the concerned governmental stakeholders share information and propose actions regarding the PIM/IMT process. The steering committee may consist of for example the irrigation agency, the Ministry of Finance, the implicated Donors if needed, and the Cooperative Ministry, or any Ministry responsible for representing the WUA, etc."	A coordination mechanism has been established		
A	N			NR		IC	12		A02020N		Degree of effectiveness of coordination among the institutions participating in PIM/IMT program. "Coordination is effective when all participating institutions carry out their responsibilities as agreed in the Coordination Mechanism."	Degree of effectiveness of coordination among the institutions participating in PIM/IMT program	A coordination mechanism is in place	The PIM/IMT program has been institutionalized for the planning and implementation phases
	R	N	C	NR		IC	12		A02020R		Degree of effectiveness of coordination among the institutions participating in PIM/IMT program. "Coordination is effective when all participating institutions carry out their responsibilities as agreed in the Coordination Mechanism."	Degree of effectiveness of coordination among the institutions participating in PIM/IMT program		
A	N			NR		IL	36		A02030N		Roles and responsibilities of the actors involved are clearly defined with respect to PIM/IMT. "Clear roles and responsibilities of the actors refer to clear documentation of the roles and responsibilities of all the members of the Coordination Mechanisms who also know their responsibilities and actions to be taken"	Roles and responsibilities of the actors involved are clearly defined with respect to PIM/IMT		
	R	N	C	NR		IL	36		A02030R		Roles and responsibilities of the actors involved are clearly defined with respect to PIM/IMT. "Clear roles and responsibilities of the actors refer to clear documentation of the roles and responsibilities of all the members of the Coordination Mechanisms who also know their responsibilities and actions to be taken"	Roles and responsibilities of the actors involved are clearly defined with respect to PIM/IMT		
A.3														

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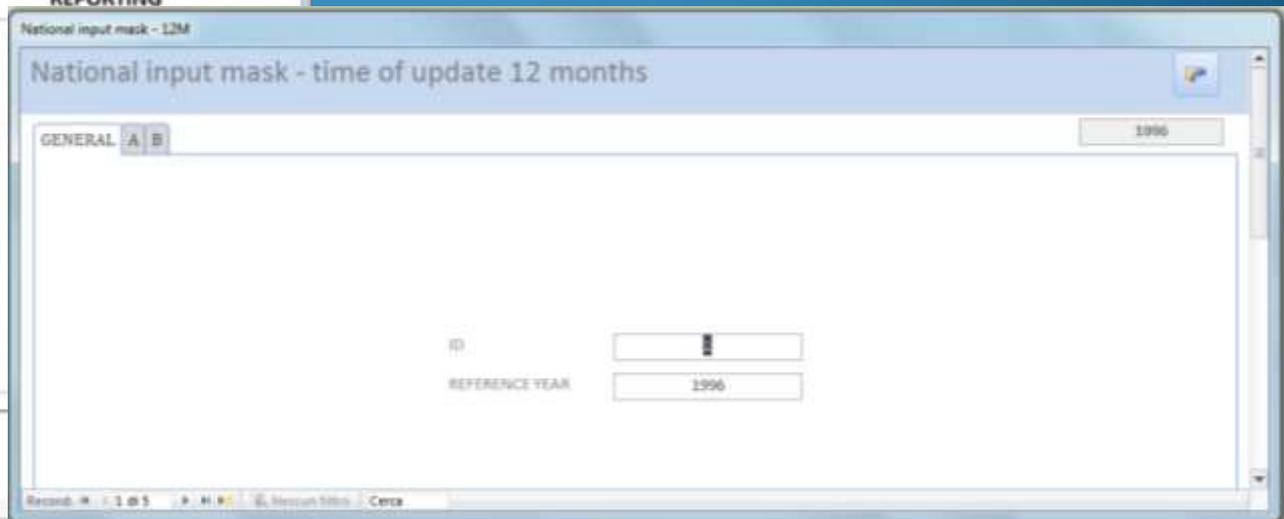
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M&E SYSTEM APPLICATION TO MONITOR & EVALUATE PIM AND IMT PROCESS

The system is clearly divided into two parts that can be handled separately



Part 1 concerns modules A and B. Both modules are envisaged to be owned by the relevant irrigation agency which is responsible for the implementation of the PIM/IMT process in the country, and the irrigation agency's representations (offices) at the local and regional level.



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Data interconnectivity

Part 2 concerns modules C and D: Modules C & D are particularly relevant to the Water Users Associations. The system allow the aggregation of the indicators for all the WUAs at the local, regional and national level.

For each Part (1 and 2), the system produces a set of tables grouping the indicators within each module according to the 4 established categories: “Logical (y/n)”, “Information data”, “Qualitative” and “Numerical”

Category	Module	Subject of Request	Level of Aggregation	Type of Aggregation	Level of Applicability	Entity	Type of Input	Frequency	Graphics & Report	Code	Acronym for numerical indicators	Unit	Formula	Pre-Conditional requirement	Score (First 3 Years)	Score (First 5 Years)	Score (First 10 Years)	Score (After 10 Years)	Score (After 15 Years)	Score (After 20 Years)			
U	N	S	NR	CA	12					AB0012R	03-03	A	2	R	ABCumulative	currency	AB001P+AB002P						
A	U		NR	CA	12					M03030F	03-03	M	0	R	AB to Area R	\$/ha	AB001P*AB002P	>=500	>=200 A <=500	<200	>=500	>=200 A <=500	<200
U	N	A	NR	CA	12					M03030R	03-03	M	0	R	AB to Area R	\$/ha	AB001P*AB002P						
A	U		NR	CA	12					M03031R	03-03	M	1	R	AB to Area R	DN\$/ha	AB001P*AB002P	>=75 A <=125	>=60 A <75	<40 A >125	>=75 A <=125	>=40 A <75	<40 A >125
U	N	A	NR	CA	12					M03031R	03-03	M	1	R	AB to Area R	DN\$/ha	AB001P*AB002P						
A	N		NR	IR	12					AB0041R	03-04	A	1	R	THR1	no. of people							
R	N	S	NR	IR	12					AB0041R	03-04	A	1	R	THR1	no. of people							
A	U		NR	CA	12	GA0302	M03040F	03-04	M	0	R	THR	%	(AB001P+AB002P)/100	>=100	>=90 A <100	<90	>=100	>=90 A <100	<90			
U	N	A	NR	CA	12	GA0302	M03040R	03-04	M	0	R	THR	%	(AB001P+AB002P)/100									
A	N		NR	IR	12					AB0051R	03-05	A	1	R	AFAR1	currency/year							
R	N	S	NR	IR	12					AB0051R	03-05	A	1	R	AFAR1	currency/year							
A	U		NR	CA	12	GA0303	M03050F	03-05	M	0	R	AFAR	%	(AB001P+AB002P)/100	>=100	>=90 A <100	<90	>=100	>=90 A <100	<90			