

M&E System Application To Monitor & Evaluate the Participatory Irrigation Management (PIM) and Irrigation Management Transfer (IMT) Process

2.2 M&E per outcome
This activity is implemented in collaboration with CIHEAM IAM Bari



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

Organization into outputs

The section containing the numerical indicators includes all the variables needed for the calculation of the indicator. This set of tables is used in the field to collect the required data. The tables have internal validation capability in case that responses are not framed within the expected answer.

The system is capable of processing the information collected in the field and producing a complete list of the values of the indicators grouped by outcomes and outputs. For those "Numerical Indicators" or "Information Data" or variables where data may be available for several years the system is able to generate graphs with trends.



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Indicators per output

The system is able to make an evaluation of the results obtained for the indicators according to established criteria.

The evaluations at the level of indicator are aggregated at the level of output and outcome.

The reports illustrate the outputs and results after the appropriate calculation procedures carried out by the information system.



Support Mechanism

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Typology of requested input: Logical, Numerical and calculated

Type of input

The information that we want to acquire can be stored in different way depending on its nature, 4 types of input are considered:

<u>IL</u>: for logic input, normally an answer to a specific question (Yes or No);

<u>IN</u>: for numeric input (No. of people, a money value, areal measure, etc.)

IQ: for qualitative-coded input (normally a valuation question precompiled)

CA: for calculation, the field with this specificities, self determinates its value through the use of a formula

	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
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	Α	N			N		IL	12		A01010	
	Α	N			NR		IL	36		A02010N	
		R	N	С	NR		н	36		A02010R	
	Α	N			NR		Ŋ	12		A02020N	
		R	N	С	NR		ā	12		A02020R	
	Α	N			NR		IL	36		A02030N	
		R	N	С	NR		IL	36		A02030R	
	Α	N			N		IL	36		A03010	
	Α	N			NR		IN	12		A03021N	AB1n
n		R	N	s	NR		IN	12		A03021R	AB1r

Project funded by the European Union

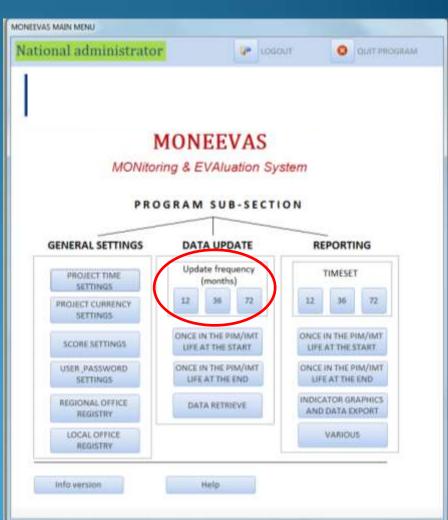
Support Mechanism

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Frequency of monitoring and codification

The unit of frequency is in months, but the monitoring frequencies are every 12, every 36, every 72 months and once in the PIM/IMT lifetime. You can also enter historical data through the input forms, thanks to which the database will be populated.

Simply select the desired frequency option, and the masks data entry will appear, organized according to the coding sequences and included in the database system structure



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Frequency of monitoring and codification

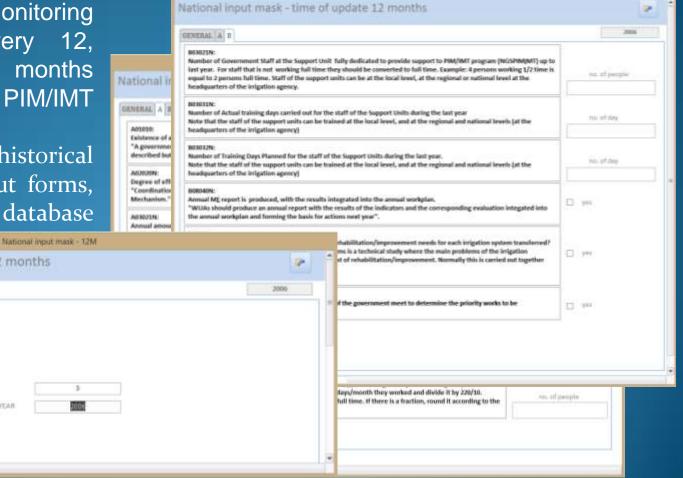
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You can also enter historical data through the input forms, thanks to which the database

REFERENCE YEAR

National input mask - time of update 12 months

GENERAL A B



National input mask - 12M

Support Mechanism

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Reporting per level

For every hierarchical level you can get the report to display the data, indicators, results and scores: this greatly facilitates the interaction with the system, regional and national level, and makes possible an estimate of the expected results.

The ability to export data, makes also possible to create charts and reports in external programs



Currency setting and conversion

Data of collection

Currency description:

Currency setting and conversion

(Nuovo)

1/01/2014 12:00:00

CURRENCY NAME

ID CODE

Project funded by the European Union

Support Mechanism

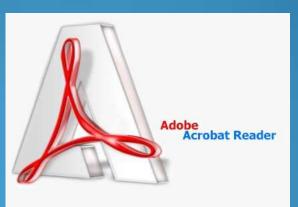
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Justification of software selection

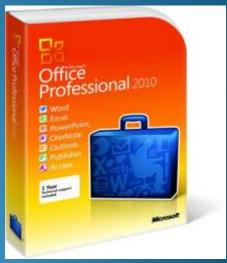
The first reason for the choice was the time available for development, making it impossible to consider solutions based on other application platforms, such as "open source"

The second reason is the availability of a platform for distribution to regional and national level that enables all operators of all levels to work without having any software license: it is advisable to purchase a Microsoft Office Professional 2010 Suite at the national level, for any changes to the structure after the release phase

The last and most important reason is the possibility to use any kind of computer at the local level, provided they are able to run the software Adobe Acrobat Reader 9 or later versions







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Regional office registry									
Regional office r	egistry	*							
REGIONAL OFFICE UNIQUE CODE: 4									
Name of Irrigation Agency responsible for the PIM/IMT program:									
South Directorate ^									
DETAILED INFORMATION									
OFFICIAL ADDRESS INFORMATION									
CITY		ZIPCODE							
STREET		CIVIC NUMBER							
President name									
Referent name									
Referent mail									
Referent phone									
	MODIFY VALUE								
Record: I4	∏ Nessun filtro								

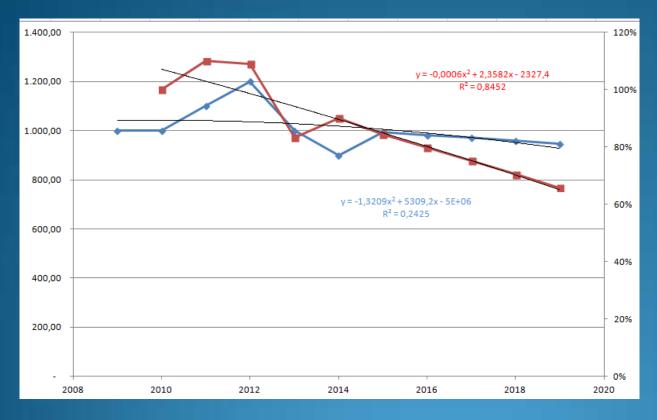
Input Data Mask at Regional and National Level

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Outcome	Output	fedicator	Graphics	Score cytter (point	-	Total	Макжен	Evaluation	Comments
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		OUTPUT A3.2					2		
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Creating Reports at Regional and National Level

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Creating Graphics at Regional and National Level