



**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

1.2 System prerequisites

Activity implemented in collaboration with CIHEAM/IAM Bari



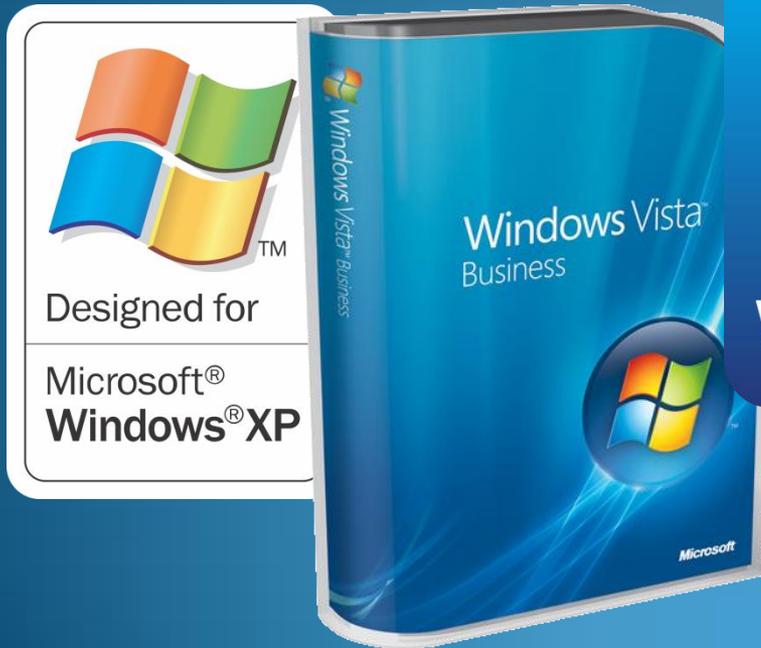
**CIHEAM
IAM BARI**

Prerequisites per level and per platform

The system requirements for the different levels, both in terms of hardware and software are summarized in the following table:

LOCAL LEVEL	REGIONAL LEVEL	NATIONAL LEVEL
<p>To fill out the simple PDF form, the requirements are a Personal Computer running Windows or Mac or Linux Operating System, with the only feature to be able to run Adobe Acrobat Reader 9 or later versions.</p> 	<p>The system requirements to use the selected database management software, are as follows:</p> <ul style="list-style-type: none"> • 1 gigahertz (Ghz) or faster x86- or x64-bit processor with SSE2 instruction set • Required operating system: Windows 8, Windows 7, Windows Server 2008 R2 or Windows Server 2012 • Required memory: 1 GB of RAM (32 bit); 2 GB of RAM (64 bit) • 3 GB of available hard-disk space • Graphics hardware acceleration requires a DirectX 10 graphics card and 1024 x 576 resolution • Required .NET version: 3.5, 4.0 o 4.5 • Microsoft Access Runtime 2010 	<p>The system requirements to use the selected database management software, are as follows:</p> <ul style="list-style-type: none"> • 1 gigahertz (Ghz) or faster x86- or x64-bit processor with SSE2 instruction set • Required operating system: Windows 8, Windows 7, Windows Server 2008 R2 or Windows Server 2012 • Required memory: 1 GB of RAM (32 bit); 2 GB of RAM (64 bit) • 3 GB of available hard-disk space • Graphics hardware acceleration requires a DirectX 10 graphics card and 1024 x 576 resolution • Required .NET version: 3.5, 4.0 o 4.5 • Microsoft Access Runtime 2010

The advantage of this system is to have very low requirements at the local level, and to be able to avoid buying any software license at regional and national level, with very low system requirements, probably already present in the offices.



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

