

**Novel Integrated Strategies For Worldwide
Mycotoxin Reduction in Food and Feed
Chains**

FP7-KBBE-2007-2A

RAFBCA
Risk Assessment
of Fungal Biological
Control Agents
FP5

FUCOMYR
Fusarium Resistant
and Toxin
Free Wheat
FP5

**2E-BCAs
in Crops**
Enhancement of
Biocontrol Agents
FP6

**WINE-OCHRA
-RISK**
Ochratoxin risk
Assessment and
Management
FP5

RAMFIC
Fusarium Risk
Assessment
Models
FP5

**DETOX-
FUNGI**
Toxigenic fungi
detection
FP5

GOODFOOD
Quality
monitoring in
the food chain
FP6

**MYCOTOX
INCO-DEV**
Mycotoxin Control
in Latin American
South cone
FP5

CONFIDENCE
Inexpensive detection
of Contaminants
in the food chain
FP7

MYCOSENSE
Novel kit for
rapid Mycotoxin
Detection in food
FP5

OTAPREV
Ochratoxin
Prevention
in Wheat
FP6

**OCHRATOXIN A
RISK
ASSESSMENT**
FP5

BIOCOP
Screening for
contaminants
in food
FP6

**SAFE ORGANIC
VEGETABLES**
The Carrot *Alternaria*
Toxin Model
FP5

**CONTROL
MYCOTOX
FOOD**
Mycotoxin prevention
in cereals
FP5

Pre-harvest

Horizontal technologies

Post-harvest



**Novel Integrated Strategies for
Worldwide Mycotoxin Reduction
in Food and Feed Chains**



Dissemination

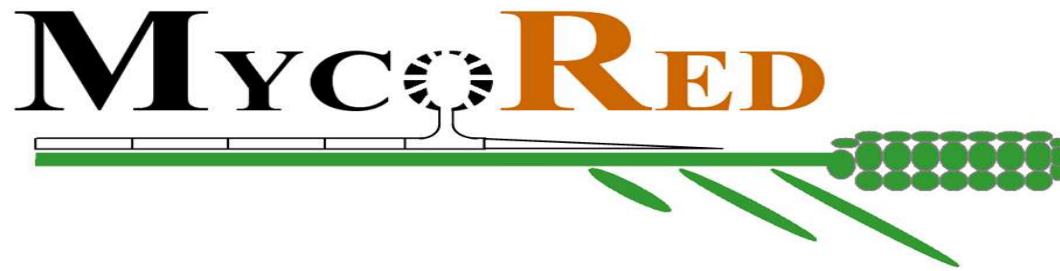
MYCOGLOBE
Integration research
on mycotoxins
and toxigenic fungi
FP6

MONIQA
Harmonizing
methods in
the food chain
FP6

COST 835
Network on mycotoxin
and toxigenic fungi
FP5

EMAN
European Mycotoxin
Awareness Network
FP5

MYCONET
EU Network for
identification emerging
mycotoxin in wheat chain
FP6



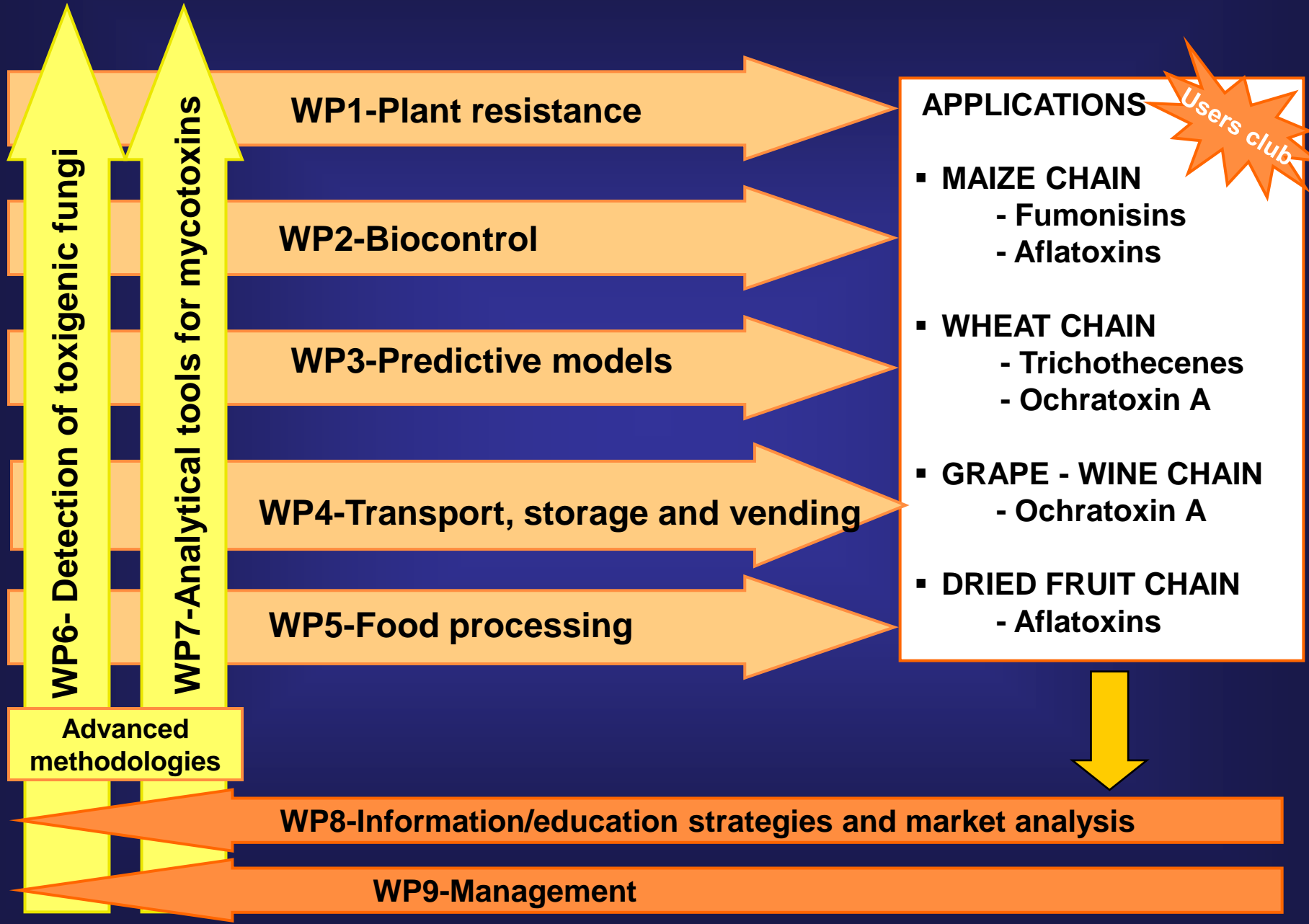
Novel Integrated Strategies For Worldwide Mycotoxin Reduction in Food and Feed Chains

EU FP7-KBBE-2007-2A

The overall objectives are:

- to develop novel solution driven methodologies and handling procedures to reduce both pre- and post-harvest contamination in selected feed and food chains
- to generate and disseminate information and education strategies to reduce mycotoxin risks at a global level.

High risk areas will receive major attention by cooperation with international agriculture and food organizations and by applying the results of all technical workpackages of the project.



WP6- Detection of toxigenic fungi

WP7- Analytical tools for mycotoxins

Advanced methodologies

WP1-Plant resistance

WP2-Biocontrol

WP3-Predictive models

WP4-Transport, storage and vending

WP5-Food processing

APPLICATIONS

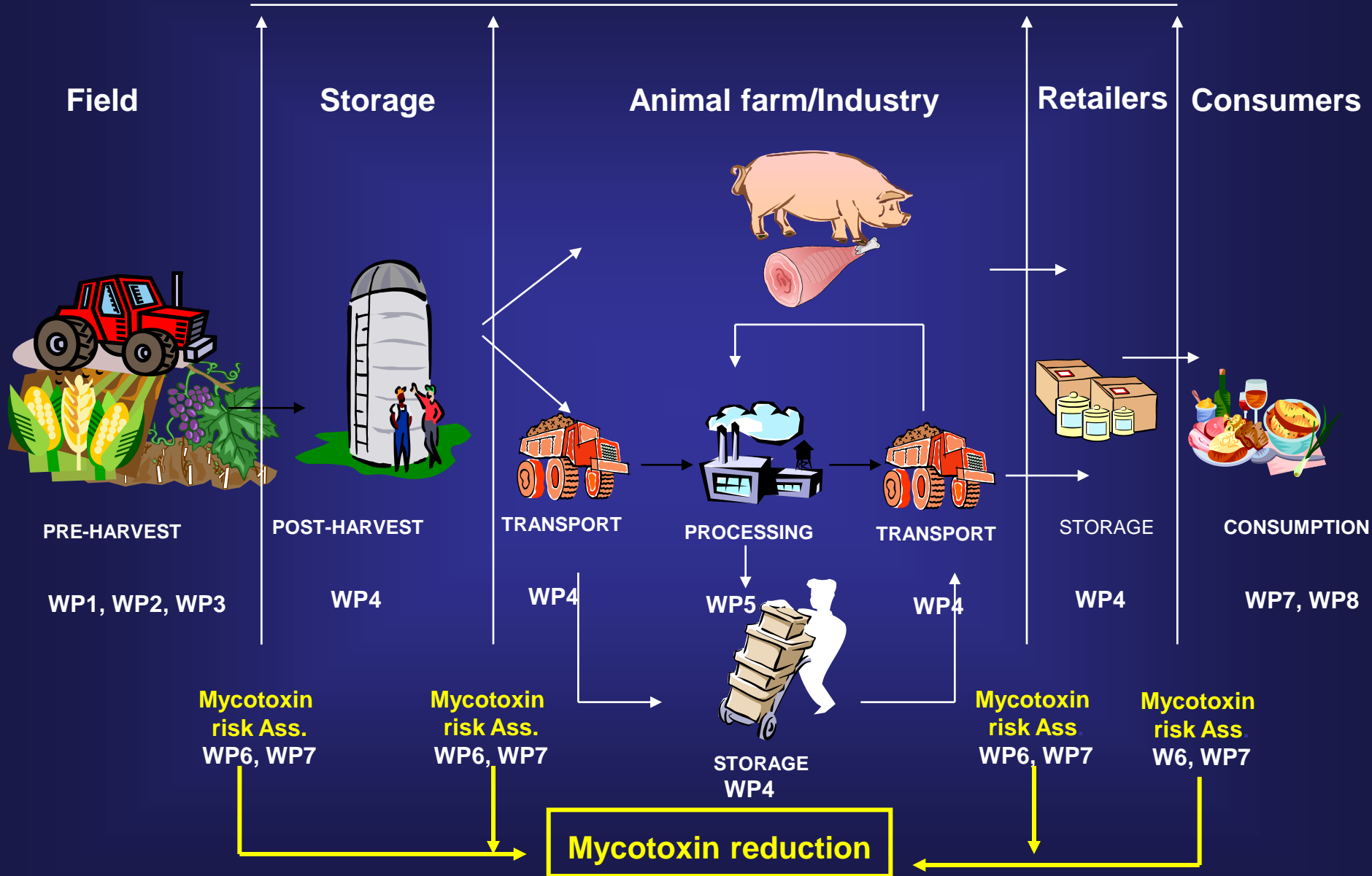
- **MAIZE CHAIN**
 - Fumonisin
 - Aflatoxin
- **WHEAT CHAIN**
 - Trichothecenes
 - Ochratoxin A
- **GRAPE - WINE CHAIN**
 - Ochratoxin A
- **DRIED FRUIT CHAIN**
 - Aflatoxin



WP8-Information/education strategies and market analysis

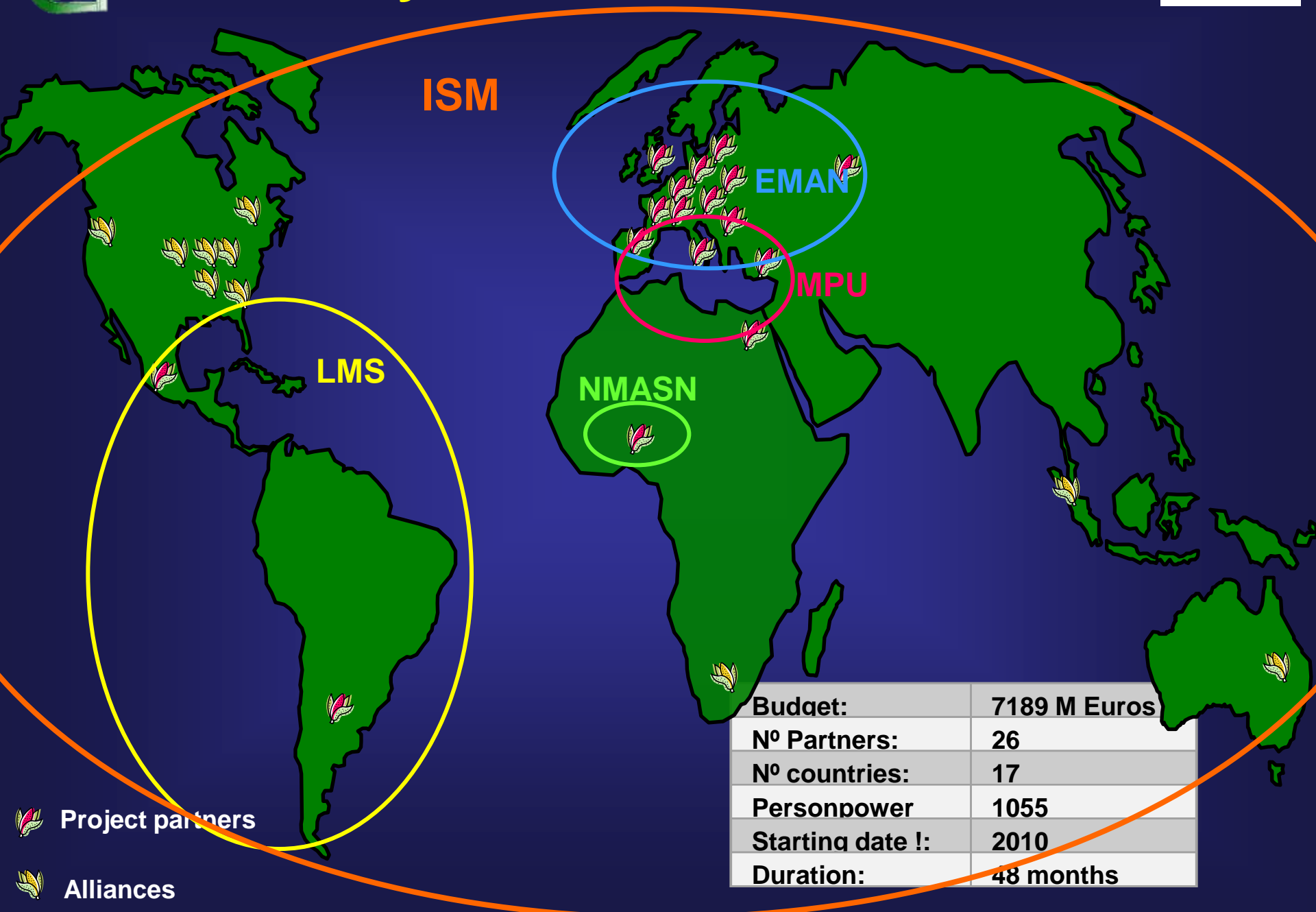
WP9-Management

Information & Education-WP8





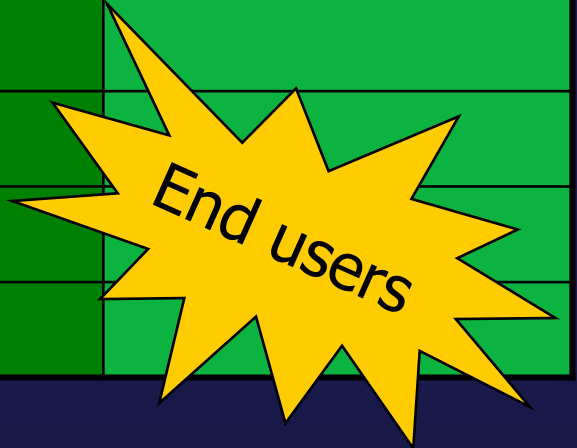
MycoRed Consortium





MycoRed Consortium

Research Centers	Universities	International Organizations	Companies
CNR (IT)	CRANFIELD U. (UK)	IITA (NG)	Romer (AT)
MRI (DE)	IFA-BOKU (AT)	CIMMYT (MX)	BF (AT)
PRI (NL)	DTU (DK)		MAT (IT)
CRC (HU)	UCSC (IT)		INC (ES)
INRA (FR)	UNRC (AR)		FEFANA (BE)
RIVM (NL)	UdL (ES)		
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INBI (RU)	DSA (IT)		
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**Thanks for your
attention!**

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