



# **ANR ARP PARME**

**co-construction of research priorities  
in agriculture, environment and societies  
in the Mediterranean area**

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**AGROPOLIS**  
INTERNATIONAL

**MONTPELLIER - FRANCE**

**MISTRALS International Workshop, Malta, March, 30<sup>th</sup> - April, 1<sup>st</sup>, 2011**

# PARME

## Which partnerships and which research for the Mediterranean area?



- **Launched by the French National Research Agency (ANR) with the objective to set up priorities for future calls**
- **Coordinated by AGROPOLIS INTERNATIONAL and its president, Bernard Hubert**
- **January 2010 => June 2011**

# PARME Steering committee



## 8 French research institutes:

Agreenium (INRA, Cirad,  
Mpt Sup'Agro)  
BRGM  
Cemagref  
Ifremer  
INSERM  
IRD  
PRES UMSF  
Université de Corse

## 6 Other organizations:

ARIMnet  
CIHEAM  
GID  
Futuribles  
Plan Bleu  
Réseau innovation Euromed

# **PARME: Which partnerships and which research for the Mediterranean area?**



- **4 wide fields**
  - **Land uses and natural resources**
  - **Agriculture, food and health**
  - **Energy**
  - **Culture and societies**
  
- **3 questions addressed**
  - **What are the challenges for the future (2030-2050)?**
  - **What are the most important related research questions?**
  - **Which organizations and partnerships to achieve these goals?**

# PARME methodology: a foresight and transdisciplinary approach

**Foresight working group**



**Synthesis of 80 foresights studies in the last 10 years => identification of:**

- Long term trends
- Breaking points
- Levers for change

**Transdisciplinary working group**



**Main problems to tackle in each field**

**Thematic working groups**



**Main research questions and partnerships in each field**

**Agriculture, food and health**

**Energy demand**

**Land uses and natural resources**

**Culture and societies**

**=> More than 100 experts in total  
A quarter from South and East Mediterranean countries**

# **PARME is building on closely related initiatives: SICMED « kick-off meeting »**



**Amman, Jordan, May 2009**

- **SICMED: towards a better understanding of the Mediterranean anthropo-ecosystems and their evolutions using an integrative approach (biophysical – biotechnical – social)**
- **46 participants from 10 countries (16 from France, 30 from 9 South and East Mediterranean countries)**
- **The 3 SICMED coordinators + 5 participants involved in PARME**

# « Mediterranean farming system » SICMED / FI4IAR / ICARDA workshop



Montpellier, France, March 2010

- **Sustainable management of Mediterranean farming systems as producers of water, soil and landscape at the local level**
- **54 scientists from 6 countries + ICARDA (20 from South and East Mediterranean)**
- **13 involved in PARME**

# **ARIM-net: a European project for the coordination of agricultural research in the Mediterranean region**



- 12 countries (6 EU members + 6 Mediterranean partner countries) and 2 associated international organisations (CIHEAM and ICARDA)**
- Mobilisation of the Mediterranean agricultural research community to identify together and share research priorities**
- Conference of stakeholders (Palma de Mallorca, October 2010): 78 participants - 5 involved in PARME**



# **Mistrals international workshop, here, today**



**16 participants are involved  
in PARME working groups**

# PARME agenda



- **Foresight working group: January-March 2010**
- **Transdisciplinary working group**
  - **1<sup>st</sup> meeting: April 30<sup>th</sup> 2010**
  - **2<sup>nd</sup> meeting: July 9<sup>th</sup> 2010**
  - **3<sup>rd</sup> meeting: October 8<sup>th</sup> 2010**
  - **4<sup>th</sup> meeting: April 29<sup>th</sup> 2011**
- **4 Thematic working groups**
  - **1<sup>st</sup> meeting: January-February 2011**
  - **2<sup>nd</sup> meeting: March 2011**
- **Final report: end of June 2011**

# PARME outputs

## Culture and societies

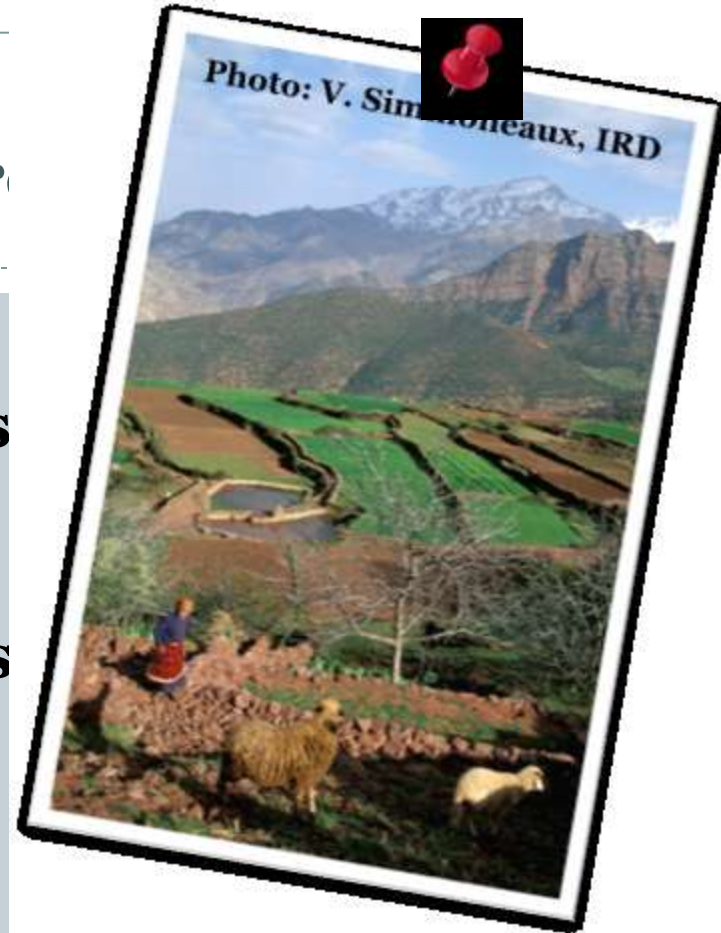


- **Demographic changes and new family schemes**
- **Migrations (S/N and S/S) and new forms of mobility**
- **Values, social representations and religions**

# PARME outputs

## Land uses and natural resources

- Evolution of water resources, uses and management
- Future of forests, agro-ecosystems, rangelands and hydrosystems  
Management at the landscape level
- Territorial dynamics, changes in urban/rural relationships
- Specific impacts on coastal areas



# PARME outputs

## Agriculture, food and health



- **Farming systems and agricultural practices**
- **Food trading, processing and marketing**
- **Nutritional transition and consequences on health**

# PARME outputs

## Energy



- **Relevant scale and mix for energy security**
- **Energy/water trade-off**
- **Changes in patterns of energy demand**

A large school of sardines swimming in clear blue water. The fish are densely packed and moving in a coordinated pattern, creating a shimmering effect in the sunlight filtering through the water.

**and soon...**

**an ANR ARP on marine issues  
in the Mediterranean sea**

**Photo: Laurent Ballesta**