

Year of CfP: 2009

Project No 0901-016

Project title: Food Security in Mediterranean Areas in 2030: qualitative and quantitative issues (SAMAQQ 2030)

Unit managing the project: MOISA, Markets, Organisation, Institutions and Operators' strategies [CIRAD, INRA, IRD, Montpellier SupAgro, Ciheam-IAMM]

Project leader: Martine Padilla [padilla(a)iamm.fr]

Countries involved in the project: Egypt, Morocco, Tunisia, Turkey, Lebanon, Spain

Sub-thematic axes: IPB-2 (Integrative Plant Biology 2: *Plant pests and diseases, integrated crop protection, population ecology*), STDI-2 (Socio-Technical Dynamics of Innovation 2: *Agrifood innovations, food and non-food use of plant crops*), STDI-3 (Socio-Technical Dynamics of Innovation 3: *Innovation processes, social management of innovations*)

Objectives:

A lot of scientific studies are available on the Mediterranean area, including foresight analysis; they deal notably with food production, environment quality and evolution, anthropic pressures (FAO, Blue Plan, IUCN, GFCM...), but very limited literature is available on the link between the possible evolutions of the main expected trends and the priorities for research and education. Currently the main foresight analysis, such as MEA (2006) IAASTD (2008), Agrimonde (2009) and even Mediterra (2008) precisely identify the key issues related with mega-trends but they do not detail recommendations for the frontier research fields to be open or supported. Pluridisciplinarity in science is always magnified but no consistent partnerships are identified or even suggested.

The Scientific and Technical Committee of Agropolis International brings together representatives of the main partners of this institution. This committee has the capacity to launch studies on issues which had been considered by the majority of members as key problems to be explored or analysed with a specific task force. The final goal is to give to the regional scientific community involved in agriculture and fisheries a better view of the priorities for R&D and academic programmes in the global field of agriculture, environment, feed and biodiversity.

Objectives: to build upon existing foresight studies with the view:

- To adapt the studies to the specificity of the Mediterranean area
- To complete the studies in mobilizing wider expertise (e.g.: expected climatic impact on agricultural production)
- To select recommendations in terms of new research fields and skills, notably in academic and education programmes, projects to develop in the coming years and strategic alliances to set up with that view
- To explore economic partnerships supported by technology innovation

This study will integrate the ideas of various experts from several different areas including some from the south-eastern Mediterranean area, with the aim of producing through a common foresight analysis several recommendations to be shared and put to use in practical applications.

Total Agropolis Fondation funding: €29,640 (travel expenses, publication costs)

Funding category(ies): Agropolis Fondation small grants (support for small exploratory, risky and innovative projects, « proof of concept », new frontier research...)

Project duration: 12 months

Keywords: food security – Mediterranean area – foresight studies