

**Planned activities for WP2 “Identifying
of most vulnerable regional issues
through climate change of CRA-ISA -
Month 3-14**

Domenico Ventrella

- The work will be carried out on national and regional basis. It will be based on studies and results from previous studies concerning the Mediterranean area, knowledge of Expert, adviser and farming organizations will be involved as much as possible
- The meeting will be carried out in the head offices of CRA-ISA, Applicants and/or Experts as indicated in the annexed list

- National meetings will be carried out with main objective to exchange and collect information and data related to climate change for the most vulnerable issues.
- On other important task will be the interpretation of results from previous studies related to crop yield, product quality and damages during the past years as influenced by weather extremes such as drought, phenology dynamic during the past years.

The principal goals will be

description of the most representative agroecosystems regarding their main limitations, observed trends, socio-economic conditions

selection of most vulnerable regional issues through climate change and related potential problems. The pilot assessment will be carried out in order to analyse the vulnerabilities of cropping systems at national level regarding main limitations, observed trends and socio-economic conditions

The most widespread cropping systems will be previously chosen as representative for the three principal Italian macro-region: North, Centre and South (Islands included).

Erbaceous and/or tree crops will be selected in function of their economic importance and cultivated area.

WP2: Vulnerability analysis

Action	Subjects
Individuation of pilot area and representative cropping systems	A, F, E, AdTeam
Collecting and generating climatic data (Stochastic downscaling:LARS-WG)	A, AdTeam
Using of crop models and/or phenological models/regressions	AdTeam

A: applicants; E: Expert; F: Farmers; AdTeam: Adagio Team

The candidate crops to be analyzed will be:

- for **Northern Italy**: mais, sugar beet (winter or spring sowing?), apple and pear tree
- for **Central Italy**: sunflower and sorghum (how many irrigations to have sustainable yield?)
- for **Southern Italy**: winter wheat and sugar beet (supplemental irrigations?), tomato vs winter vegetables, citrus tree and vineyard.

The foreseen deliverables will be:

- Description of most vulnerable national and regional issues through climate change including results from pilot assessments
- List and description of the related agroecosystems regarding main limitations, observed trends, socio-economic conditions.

Provisional list of **Italian Applicants** to be contacted and invited to participate to ADAGIO projects

	Region
Agenzia lucana di sviluppo e di innovazione in agricoltura (ALSIA)	Basilicata
Agenzia Regionale per i Servizi di Sviluppo Agricolo (ARSSA) Abruzzo	Abruzzo
Agenzia Regionale Umbra per lo Sviluppo e l'Innovazione in Agricoltura (ARUSIA)	Umbria
Canale Emiliano Romagnolo	Emilia Romagna
Consorzio per la Bonifica della Capitanata	Puglia
Servizio informativo agrometeorologico siciliano	Sicilia

Provisional list of **Italian Experts** to be contacted and invited to participate to ADAGIO projects

Adagio team	Ventrella Domenico	CRA-Istituto Sperimentale Agronomico - Bari
	Mastrorilli Marcello	
	Losavio Nicola	
	Rinaldi Michele	
	Maiorana Michele	
	De Giorgio Donato	
External experts	Bindi Marco	Università di Firenze Dipartimento di Scienze Agronomiche e Gestione del Territorio Agroforestale
	Perniola Michele	Dipartimento di Produzioni Vegetali dell'Università della Basilicata
	Lovelli Stella	
	Santamaria Pietro	Dipartimento di Scienze delle Produzioni Vegetali dell'Università di Bari
	Di Paolo Elvio	Consorzio per la Divulgazione e la Sperimentazione delle Tecniche Irrigue
	Lionello Piero	Facoltà di Scienze Matematiche, Fisiche e Naturali - Università degli Studi di Lecce

Provisional list of **National Farmer associations**
to be contacted and invited to participate to ADAGIO
projects

As feedback purpose not principal subjects (as last WP5)

Coldiretti	Roma
Confagricoltura	Roma
Confederazione Italiana Agricoltori (CIA)	Roma
Others?? Private ??	