

## Adaptation of Mediterranean woodlands to climate change effects

### Objectives of the Project

- Find out and highlight concrete adaptation practices to climate change towards stand die-back, erosion, forest fires, loss of biodiversity
- More precisely about adaptive silviculture, restoration of degraded areas
- Involve different stakeholders and improve governance for adaptation
- Enhance transnational cooperation and networks
- Promote and disseminate results
- Foster standardization processes within the Med Basin

### Activities

- Experimentations on pilot sites
- Capitalization of past experiences
- Silvicultural practices fostering (genetic, specific...) diversity
- Ecological engineering
- Reforestation using adapted materials
- Information and training
- Involvement of various stakeholders (governance)
- Initiation of a multipartners platform about adaptation for exchanges, observation and transfer
- Large communication actions (websites, database, press release, reports, magazine, newsletter)
- Exchanges and capitalization through field seminars, peer group and international experts
- Elaboration of recommendations to conciliate Med forest management and climate change (bottom-up approach) for territorial policies and post-2013 EU regulations.



**Partnership**

ADPM – Mértola – Alentejo – Portugal	FM – Marselha – Provence/Alpes – France
CTFC – Barcelona – Catalonia – Spain	Umbria Region – Umbria – Italy
ONF – France	PNV – Napoli – Campania – Italy (CF)
AIFM – Marselha – Provence/Alpes – France	Region Nord-Égée – Greece

### Produits/Results

- Validated good practices and recommendations
- Formulation of adapted local policies about sustainable forest management and climate change adaptation
- A shared voice from the Mediterranean natural areas for next EU regulations formulation and feed-back the MED programme

### FOR CLIMADAPT in PORTUGAL

Developed by Associação de Defesa do Património de Mértola

#### Diagnosis

- Diagnosis and observation of the territory of Vale do Guadiana Natural Park to evaluate the management of natural resources.
- Monitoring of fauna and flora in Monte do Vento (birds, mammals and insects) and comparison with existing information before the forestry project.
- Survey on the perception of the impact of climate change and its relation to the management of natural resources.

#### Adaptive Silviculture

- Evaluation of techniques and species used in reforestation project developed in Monte do Vento, and comparison with a conventional forestry project.

#### Technical of ecological restoration and reforestation of damage areas

- Course of ecological restoration techniques with international trainers.
- Monitoring of an ecological restoration project focuses on control and reduction of torrential erosion rates.

#### Awareness, training and governance for social adaptation

- Realization of two Workshops to make know the example of restoration projects applied in Monte do Vento, and permit reflections on its success and impact.
- Realization of two workshops focuses in agriculture activity and climate change scenarios in order to assess the best agriculture practices towards sustainable development.
- Local promotion of pilot activities by bringing the community to the pilot sites and making some announcements of the project ongoing in local media, by elaborate a book, leaflets and a game for children's.

### Pilot site in Monte do Vento

### Mértola/Baixo Alentejo/Portugal



### National Cooperation



### Funding



### Partnership

