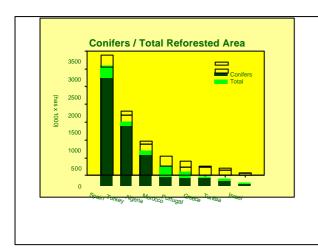






Background, problems and needs

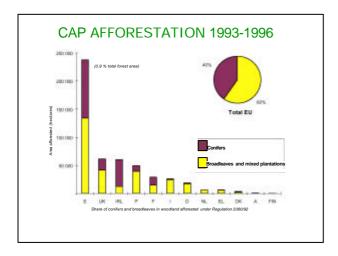


TRADITIONAL OBJECTIVES

- Hydrology regulation
- Sand dune fixation
- Improving forest productivity
- Improving rural economies

NEW OBJECTIVES

- · Ecological values
- Biodiversity
- Combating desertification
- Climate change
- · Fire prevention
- · Recreational and cultural use



- Huge number of mitigation/restoration experiences in the Mediterranean
- · Little availability grey literature
- · Little evaluation
- Collaboration of stakeholders at the various management levels required

TERMS OF REFERENCE AND PRIORITIES RELATED TO RESTORATION RAP - Annex IV

EXCHANGE OF DATA & INFORMATION

- Poor communication limits a widespread use of the best available technology
- ⇒ Need of exchanges through NAPs (using national languages)

TERMS OF REFERENCE AND PRIORITIES RELATED TO RESTORATION RAP - Annex IV

MOST SENSITIVE AREAS

 Learning from past reforestation actions in these areas





TERMS OF REFERENCE AND PRIORITIES RELATED TO RESTORATION RAP - Annex IV

REACTION OBJECTIVES

Facilitate access to <u>high quality information</u> establishing a database on land restoration to combat desertification:

•Inventorying well-documented restoration projects in the northern Mediterranean

 Selecting the most appropriate methodology to evaluate the results of restoration projects

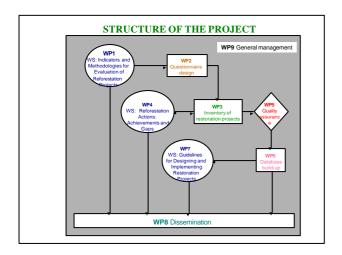


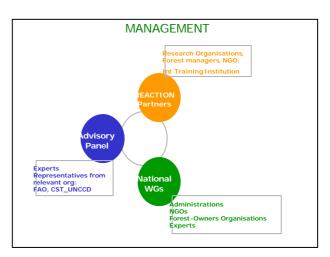
ACTIVITIES

- •INVENTORYING OF RESTORATION PROJECTS (*)
- •QUESTIONNAIRE
- •EVALUATION (*)
- **•QUALITY ASSURANCE**
- DATA BASE
- DISSEMINATION: GUIDELINES (*)

(*) WORKSHOPS







ADVISORY PANEL

David Tongway, CSIRO, Australia Michel Malagnoux, Secrétaire Silva Mediterranea, FAO, Rome John Parrota, IUFRO, USA Massimo Candelori, CST-UNCCD

National Working Group

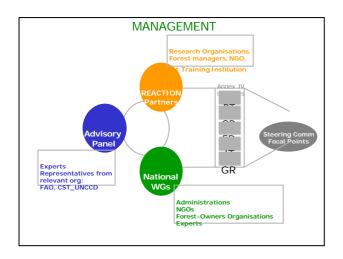
SPAIN:

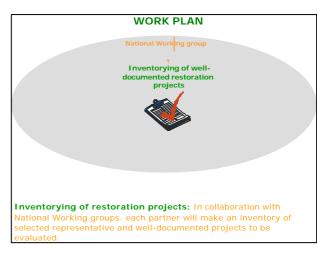
Management: 4 Management: 2 Research: 3 Research: 1

GREECE: PORTUGAL:
Management: 4 Management: 4

Research: 3
Others: 1
Research: 3
Others: 1

FRANCE: Management: 5 Research: 7





WORKSHOP ON METHODOLOGIES AND INDICATORS FOR THE EVALUATION OF RESTORATION PROJECTS

OBJECTIVES: Review and selection of a common analytical framework, indicators and methodologies for the evaluation of reforestation projects.



INVENTORY OF RESTORATION PROJECTS

SPAIN

Consultation to the Spanish working group Reviewing the National catalogue on reforestation projects

Preliminary set of restoration projects for evaluation: 4 in Andalucia, 4 in Murcia and 1 in Valencia Region

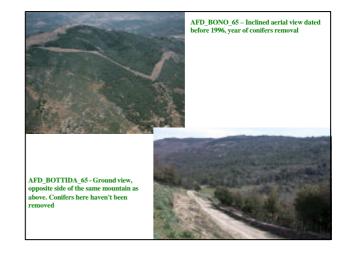




ITALY:

Interviewing many of the elder forestry officers Consultation to the main forest administration institutions

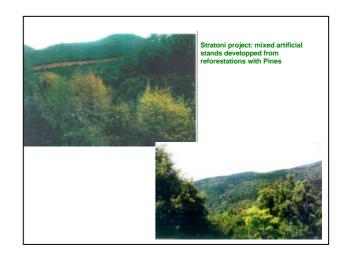
Pre-selection of 20 projects distributed across Sardinia.



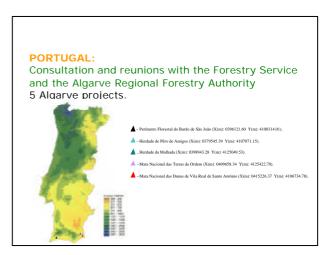
GREECE:

Two national seminars were organised 4 projects seem to satisfy the agreed criteria to be included in the restoration database:

Kedrinos Lofos, Thessaloniki (the peri-urban forest) Taxiarchis, central Chalkidiki Stratoni, northeastern Chalkidiki Dadia, Thrace









FRANCE:

Preliminary selection of possible sites in Mediterranean France. Discussion with the site managers and park officials as well as with various people from the French Forestry Authority. Selected set intends to include 15 projects.

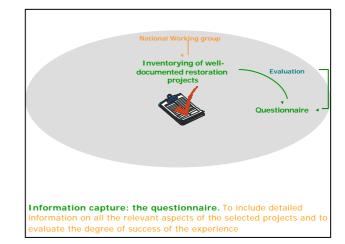




Brusquet bassin before the start of the RTM (Restoration Mountain Terrain) project (1877) and more than a century after reforestation (1995) (photos from D. Vallauri)



Restoring Mt.Sainte Victoire after the wildfire of 1989 (painting by Paul Cézanne, photo from D. Vallauri)



Questionnaire

DESIGN REQUIREMENTS:

- To describe the ecological and technical characteristics of the restoration projects and their results
- · Suitable for the widest range of restoration projects
- Transferable to a computer support
- · Open to further modifications and updates
- Easy to fill in and understand

Determining factors

- · Great variability of ecological conditions and technologies.
- Great amount of information; different degree of detail.
- · Qualitative and quantitative data.
- · Lack of standardised evaluation methodologies.

Questionnaire

Contents

- Simplicity and brevity
- As far as possible self-explanatory
- · Standardised categories
- Brief descriptions and comments for singularities

Quality assurance

- Minimum information required
- Standards
- Guidelines

Questionnaire

Structure

Modules:

- \rightarrow Description of the project
- →Site environmen
- →Evaluation

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Questionnaire

Structure

Modules:

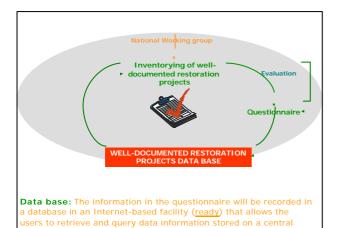
- \rightarrow Description of the project
- Site environment
- →Technology applied
- \rightarrow Evaluation

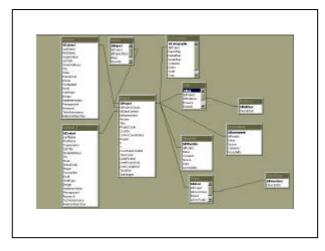
Format

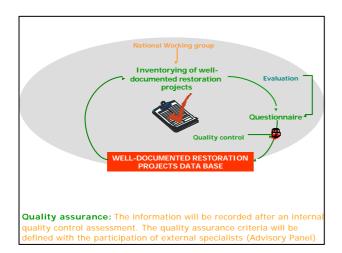
- · Preliminary capture of the information: hardcopy
- Translate to electronic files → common structure
- Easy to fill in, friendly: check list, pop-up menus, etc.

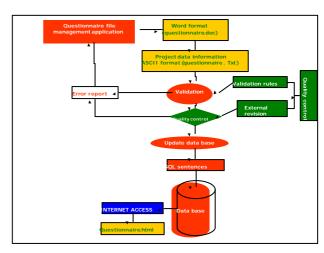
Evaluation

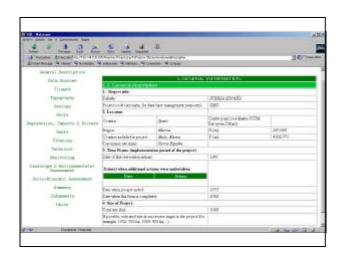
- $\rightarrow \ \, \text{Objectives}$
- → Technology applied
- → Structure & Biodiversity
- → Functions & Processes
- → Landscape & environmental assessment
- → Socio-economic assessment

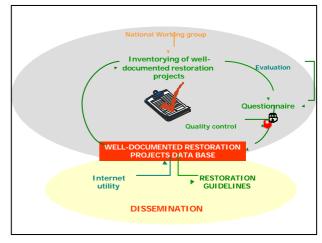












* DATA BASE IMPLEMENTATION * INTERNET ACCESS * RESTORATION GUIDELINES (2005) * RESTORATION ADVANCED COURSE (2005) * RESTORATION ADVANCED COURSE (2005) * Restoration projects to combat desertification in the Northern Mediterranean: Thessaloniki, Greece, 23-25 September 2004 * Guidelines for restoration actions in the northern Mediterranean: Lisbon, late 2005



