



**FORESTERRA**

Enhancing Forest RESEARCH in the MediTERRanean  
through improved coordination and integration



# EXPLORING MUTUAL OPENING OF FOREST RESEARCH INFRASTRUCTURES IN MEDITERRANEAN REGION

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## Task 4.3 Mutual opening of facilities and sharing data

1. To increase the efficiency and coherence of Euro-Mediterranean forest research by **facilitating access to research facilities, experimental sites and databases**, by promoting **mutual opening** of national research infrastructures
2. To identify the concrete **research infrastructures of common strategic interest** for exploring **possible agreements and protocols** for their mutual opening, and to compile the **necessary documents** for ensuring a **common understanding** and elaborating **joint rules for common activities**
3. *To contribute to joining the **European Research Area with the Mediterranean Partner Countries** by initiating long term networking and possibly strong coordination and by developing of **transnational joint research units** across several countries based on existing forest research institutions.*

## What is, for us, an infrastructure ?

- **Experimental site.**

An experimental site is located **in the field**. Natural conditions are **measured but not controlled** and therefore, **natural or artificial events can impact**.

- **Research facility.**

A facility is usually located **in a laboratory** or **in a specific building** where it is possible **to fix and control**, partially or completely, **the experimental conditions**.

- **Database.**

A database refers to **knowledge-containing resources** such as collections, archives, structured scientific information or thematic data infrastructures used to conduct research in the forest field. It can be **single-sited** (a single resource at a single location), **distributed** (a network of distributed resources) or **virtual** (the service is being provided electronically).

## INFORMATION ABOUT THE PERSON FILLING THE FORM

### EXPERIMENTAL SITE

<b>Name of the site</b>	<i>Short name and complete name (Original language and English translation), URL address</i>
<b>Location of the site</b>	<i>Country, Postal address, UTM coordinates: Latitude/Longitude</i>
<b>Start date</b>	<i>Year since the experimental site has been operative</i>
<b>Characteristics of the forest ecosystem where it is located</b>	<i>Most relevant features: Vegetation, Soil characteristics, Mean annual temperature, Mean annual rainfall, Altitude, slope, aspect</i>
<b>Keywords</b>	<i>3-5 keywords to describe the experimental site and its objectives</i>
<b>Scientific characteristics</b>	<i>Scientific objectives, Interest for users, Particularities in comparison to others sites, Research projects in the frame of which the experimental site is used (include web site address)</i>
<b>Technical characteristics</b>	<i>Detailed description (including instrumentation), Measured parameters, If there is any file, map or images relevant about this infrastructure, please attach them (indicating here the name of the file).</i>

### PERSONNELS IN CHARGE OF THE INFRASTRUCTURE

#### ADMINISTRATIVE INFORMATION

<b>Availability for participating in mutual measurements</b>	<i>Yes or No</i>
	<i>If yes, Name and e-mail address of the contact person</i>
	<i>Conditions or Policy of use</i>
<b>Availability for accessing the data collected</b>	<i>Yes or No</i>
	<i>If yes, Name and e-mail address of the contact person</i>
	<i>Conditions or Policy of use</i>
<b>Institution that manages the site</b>	<i>Name (Original language and English translation)</i>
	<i>URL address</i>
<b>Institution that manages the data</b>	<i>Name (Original language and English translation)</i>
	<i>URL address</i>
<b>Is the site participating in a national or international Network?</b>	<i>Name (Original language and English translation)</i>
	<i>URL address</i>
<b>Is the site open for transnational collaboration?</b>	<i>Conditions:</i>



## INFORMATION ABOUT THE PERSON FILLING THE FORM

### FACILITY

<b>Name of the facility</b>	<i>Short name and complete name (Original language and English translation), URL address</i>
<b>Location of the facility</b>	<i>Country, Postal address, UTM coordinates: Latitude/Longitude</i>
<b>Start date</b>	<i>Year since the facility has been operative</i>
<b>Type of facility</b>	<i>Short description Example: Elemental analyser coupled with isotopic ratio mass spectrometer</i>
<b>Keywords</b>	<i>3-5 keywords to describe the facility and its objectives</i>
<b>Scientific characteristics</b>	<i>Scientific objectives, Interest for users, Particularities in comparison to similar facilities, Research projects in the frame of which the facility is used (include web site address)</i>
<b>Technical characteristics</b>	<i>Detailed description of instrumentation, Measured parameters, If there is any file, map or images relevant about this infrastructure, please attach it (indicating here the name of the file).</i>

### PERSONNELS IN CHARGE OF THE FACILITY

### ADMINISTRATIVE INFORMATION

<b>Availability for participating in mutual measurements</b>	<i>Yes or No</i>
	<i>If yes, Name and e-mail address of the contact person Conditions or Policy of use</i>
<b>Availability for accessing the data collected</b>	<i>Yes or No</i>
	<i>If yes, Name and e-mail address of the contact person Conditions or Policy of use</i>
<b>Institution that manages the facility</b>	<i>Name (Original language and English translation)</i>
	<i>URL address</i>
<b>Structure or institution which manages the data</b>	<i>Name (Original language and English translation)</i>
	<i>URL address</i>
<b>Is the facility participating in a national or international Network?</b>	<i>Name (Original language and English translation)</i>
	<i>URL address</i>
<b>Is the facility open for transnational collaboration?</b>	<i>Conditions:</i>

## INFORMATION ABOUT THE PERSON FILLING THE FORM

### DATABASE

<b>Name of the database</b>	<i>Short name and complete name (Original language and English translation)</i> <i>URL address</i>
<b>Scientific information</b>	<i>Scientific domain(s), Objectives, Characteristics of the stored data</i>
<b>Keywords</b>	<i>3-5 keywords to describe the database and its objectives</i>
<b>Technical information</b>	<i>Language in which the field names are expressed (English by default)</i> <i>Status:</i> <i>1. Active (can be completed)</i> <i>2. Completed</i> <i>3. Inactive</i> <i>4. other...</i>

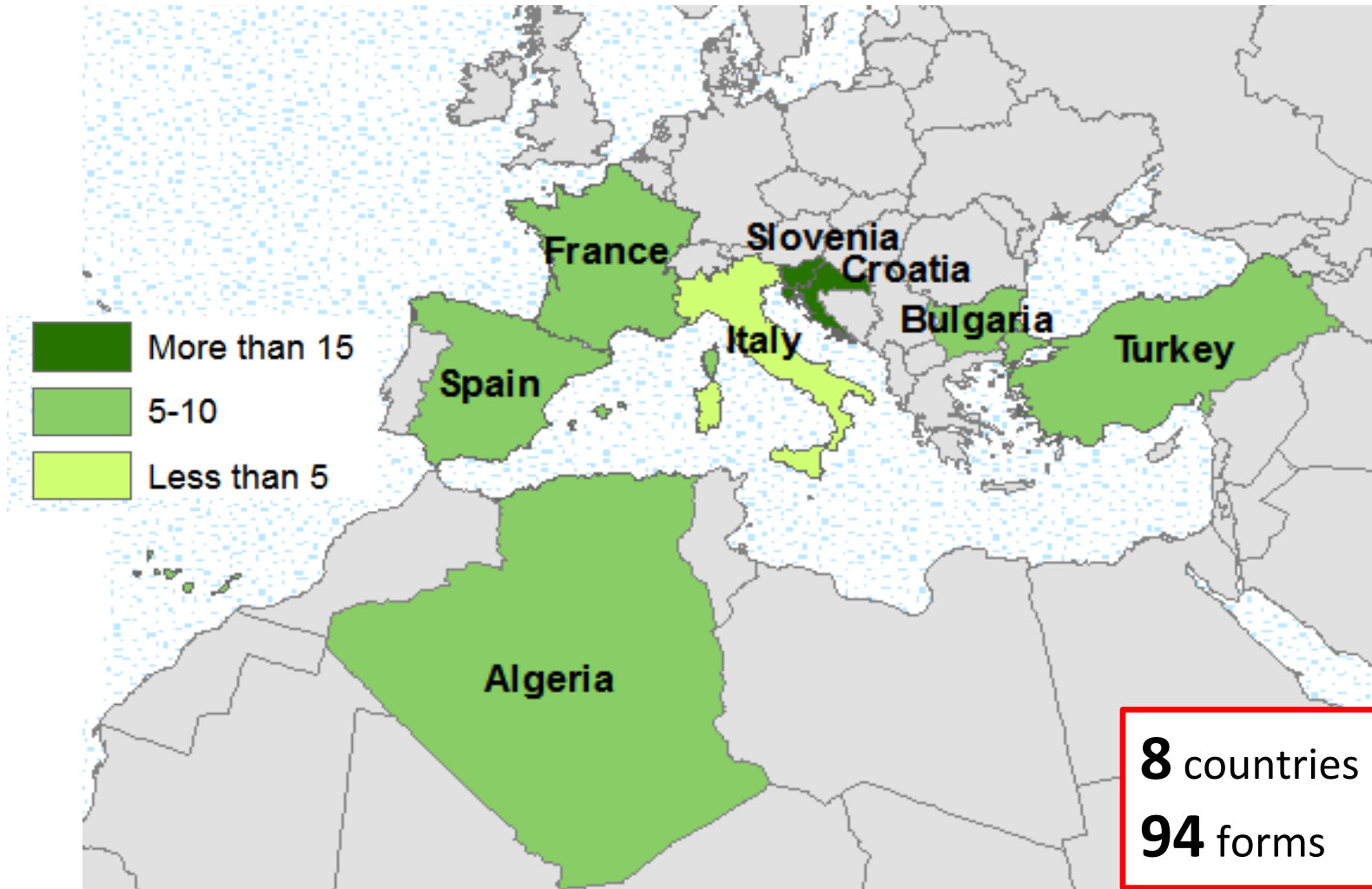
### SCIENTISTS AND/OR TECHNICIANS IN CHARGE

<b>Principal investigator</b>	<i>Name and e-mail address</i>
<b>One additional line per person</b>	<i>Name and e-mail address</i>

### ADMINISTRATIVE INFORMATION FOR SHARING DATA

<b>Is there any policy for sharing data?</b> (Either to contribute to the database or to extract data and results from the database)	<i>Please, describe the terms or attach the sharing policy document.</i>
<b>Is there any specific policy for transnational access?</b>	<i>Yes or No</i> <i>If yes, Name and e-mail address of the contact person</i>
	<i>Conditions</i>

## Number of forms about forest research infrastructures received



**Algeria:** INRF

**Bulgaria:** BFRI

**Croatia:** CFRI; IAC

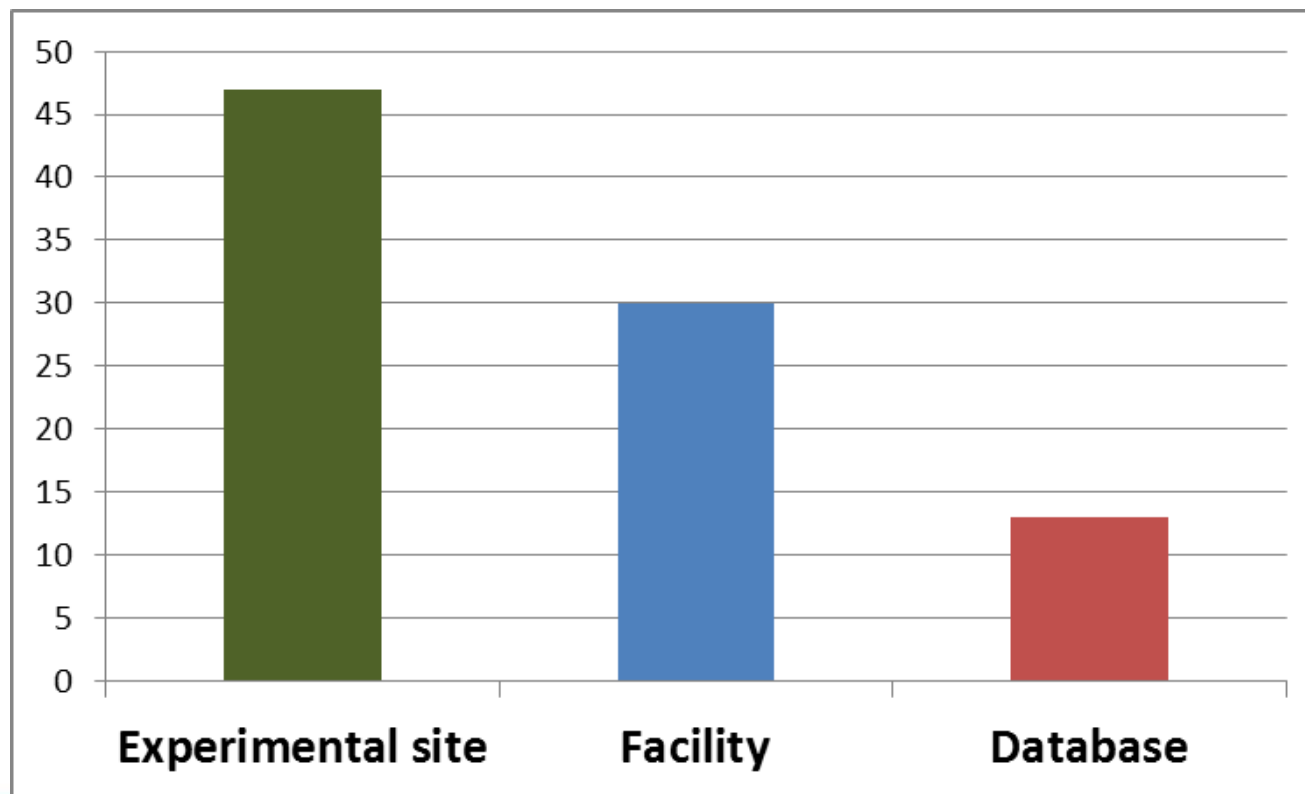
**France:** IRSTEA, INRA, IMBE-Aix-Marseille Univ.

**Italy:** CRA

**Slovenia:** SFI

**Spain:** CSIC – IRNAS, INIA-CIFOR

**Turkey:** SAFRI ; Western Black Sea Forestry Inst.





## What information do we plan to extract from the forms?

- **Geographical** and **thematic** mapping of the existing infrastructures in the Euro-Mediterranean areas and in the countries under Mediterranean Climate
- For the same thematic approach, **diversities and complementarities** of **studied ecosystems** by experimental sites
- In the same forest ecosystem, **diversity and complementarities of thematic approaches**, at **different spatial** (individual to landscape) **and temporal scales** (diachronic versus synchronic) on experimental sites
- In the same scientific domain or in the same technical domain, **diversities and complementarities of facilities**, at **different spatial scales** depending of the size of the facility, **diversities and complementarities** of methodological approaches

## What is the added value? a win-win approach!

- To promote **information exchange** about existing forest research infrastructures
- To **exchange knowledge and know-how** by exchanging students and searchers, but also technicians and engineers
- To allow access to infrastructures which are **unattainable** or **unaffordable individually**
- To carry out **researches** following same **approaches** or **methodologies** in different forest ecosystems and at other **spatial-temporal scales**



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**THANK YOU FOR YOUR CONTRIBUTIONS**

<http://foresterra.eu/marseille2013/sesion4forms.html>