



Appendix 1. Main form (page 1 of 3)



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PDF Acrobat 5.0

### Questionnaire – National inventories

#### Main form: General information

Choose one of the following three categories that best match your facility. Then, fill in the rest of the main form (Appendix 1) and the equivalent sub form (Appendix 2-4). Explanations and definitions for the questionnaire can be found in Appendix 5.

**1.1. The facility is best described as:**

- A.  A research park – several research, monitoring and other activities clustered together within an area larger than a single forest stand.
- B.  A network – Plots, sites or other facilities that are connected to each other through an inventory, a research project, a monitoring programme etc, with regional or national coverage.
- C.  An individual site – A single isolated experiment, study site, monitoring plot, reference area etc.

1.2. General description of the facility: \_\_\_\_\_

**FORMALITIES**

1.3. Name of the facility: \_\_\_\_\_

1.4. Country: \_\_\_\_\_

1.5. Lifespan  
(start – end/ongoing): \_\_\_\_\_

1.6. Responsible  
organisation: \_\_\_\_\_

*1.7. Contact person*

1.7a. Name: \_\_\_\_\_

1.7b. Address: \_\_\_\_\_

1.7c. Tel: \_\_\_\_\_

1.7d. Fax: \_\_\_\_\_

1.7e. E-mail: \_\_\_\_\_

1.8. URL of the facility: \_\_\_\_\_

**RESEARCH OBJECTIVES**

1.9. Main objective: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Appendix 1. Main form (page 2 of 3)

The research addresses the following of

1.10. ENFORS Main fields of interest (see Mårell *et al.* [*In press*] for further details):

- |  |   |
|--|---|
| <input type="checkbox"/> Multi-functionality of forests      | <input type="checkbox"/> Land-use and the role of forests |
| <input type="checkbox"/> Long-term trends in the environment | <input type="checkbox"/> Stochastic disturbances          |

1.11. ENFORS Priority research areas (see Mårell *et al.* [*In press*] for further details):

- |   |   |
|---|---|
| <input type="checkbox"/> Biogeochemical cycling | <input type="checkbox"/> Landscape and ecosystem dynamics |
| <input type="checkbox"/> Biodiversity           | <input type="checkbox"/> Socio-economics                  |

**COLLABORATION/NETWORKS**

1.12. List or describe the collaboration with other research institutes and networks:

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**DOCUMENTATION**

**Overall mark**

1.13. The overall quality of the available documentation is:

- Low                       Medium                       High

**Availability and accessibility of different types of information**

	<i>Existent</i>	<i>Accessibility</i>			<i>Periods</i> (year-year)
	<i>YES/NO</i>	<i>Unrestricted internet access</i>	<i>Personal request</i>	<i>Only for internal use</i>	
<i>Databases</i>					
1.14. Monitoring data	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1.15. Research data	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1.16. Metadata	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<i>Remote sensing</i>					
1.17. Aerial photographs	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1.18. Satellite images	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
<i>Historical records</i>					
1.19. Maps	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1.20. Land-use changes	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
1.21. Socio-economic dynamics	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____



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**Publications**

1.22. Has there been made any research synthesis using the data from the facility (specify reference and language/s): \_\_\_\_\_

1.23. Number of peer-reviewed international publications: \_\_\_\_\_

1.24. Number of other scientific publications/reports: \_\_\_\_\_

1.25. List the five major references: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**COMMENTS/SPECIFICATIONS TO THE CONTENT OF THE MAIN FORM**

(Provide a separate sheet if necessary, where also additional information about the facility can be provided.)

1.26. Comments/Specifications: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*I herewith agree to allow public access, through the use in the ENFORS database, to the above-mentioned information.*

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Tel: \_\_\_\_\_  
E-mail: \_\_\_\_\_



**Questionnaire – National inventories**  
**Sub form: A. Research park**

This sub form shall be filled in when the box for “Research park” has been ticked for the chosen facility on the main form. For more detailed information about individual studies and projects within the “Research park“, please use Appendix 4 as described in the instructions.

**FORMALITIES**

2.1. Name of the facility:

(give the same name as on the main form) \_\_\_\_\_

2.2. Country: \_\_\_\_\_

**LOCALITY/ENVIRONMENTAL CHARACTERISTICS**

2.3. General description of the locality: \_\_\_\_\_

2.4. *Latitude*

*Co-ordinate system  
and map datum*

2.4a. Minimal: \_\_\_\_\_

2.4b. Maximal: \_\_\_\_\_

2.5. *Longitude*

2.5a. Minimal: \_\_\_\_\_

2.5b. Maximal: \_\_\_\_\_

2.6. *Altitude range*

2.6a. Minimal: \_\_\_\_\_

2.6b. Maximal: \_\_\_\_\_

2.7. Area: \_\_\_\_\_

2.8. Main exposure/s:  
(N, NE, E, SE, etc.) \_\_\_\_\_

**2.9. Biogeographical region/s:**

(reference: Council Directive 92/43/EEC)

- Alpine
- Atlantic
- Boreal
- Continental
- Mediterranean

**2.10. Major land cover type/s (CORINE land cover types 3 levels, <http://reports.eea.eu.int/>):**

CEC. 1994. CORINE land cover. Technical guide. Luxembourg, Office for Official Publications of European Communities.

Bossard, M., Feranec, J. and Otahel, J. 2000. CORINE land cover technical guide: Addendum 2000. European Environment Agency, Copenhagen.

1. \_\_\_\_\_ 3. \_\_\_\_\_

2. \_\_\_\_\_ 4. \_\_\_\_\_



Appendix 2. Sub form: A. Research park (page 2 of 3)

2.11. Major habitat type/s (European Community habitat classification, Natura 2000, <http://europa.eu.int/comm/environment/nature/hab-en.htm>):

European Commission DG Environment. 1999. Interpretation manual of European Union habitats (version EUR 15/2). European Commission DG Environment.

1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

ACCESSIBILITY TO AND TYPES OF ACCOMMODATION AND LABORATORIES

2.12. Are the following facilities easily accessible:

Accommodation      Specify type/s: \_\_\_\_\_

Laboratories      Specify type/s: \_\_\_\_\_

ACTIVITIES CARRIED OUT WITHIN THE RESEARCH PARK – TYPES AND SUPPORT

Type of activities

<i>Reference areas</i>	<i>Number</i>	<i>Research is carried out? YES/NO</i>	<i>Monitoring occur? YES/NO</i>
2.13. Reserves/National parks:	_____	_____	_____
2.14. Other reference areas:	_____	_____	_____

<i>Inventories/Monitoring</i>	<i>Number</i>	<i>Specification</i>
2.15. Occasional inventories:	_____	_____
2.16. Regular monitoring:	_____	_____

<i>Experimental and observational studies</i>	<i>Number of</i>		<i>Specification (You can also use Appendix 4 for a detailed description of the individual studies)</i>
	<i>Experimental studies</i>	<i>Observational studies</i>	
2.17. Biodiversity:	_____	_____	_____
2.18. Ecosystem:	_____	_____	_____
2.19. Land-use change:	_____	_____	_____
2.20. Regeneration and stand establishment:	_____	_____	_____
2.21. Stand treatment, growth and yield:	_____	_____	_____
2.22. Watershed:	_____	_____	_____
2.23. Other:	_____	_____	_____



**Spatial and temporal scales addressed**

	<i>Biodiversity</i>	<i>Ecosystem</i>	<i>Land-use change</i>	<i>Regeneration and stand establishment</i>	<i>Stand-treatment, growth and yield</i>	<i>Watershed</i>	<i>Other</i>
<i>Spatial scales</i>							
2.24. Plot:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.25. Stand:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.26. Landscape:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Temporal scales</i>							
2.27. Diurnal/Nocturnal:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.28. Seasonal:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.29. Annual:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.30. For tens of years:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.31. Historical:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Support**

2.32. The research and monitoring activities are supported by:

- A long-term management plan
- Land owners
- Legislation
- Institutional body and governmental support
- Individual research projects and grants

**COMMENTS/SPECIFICATIONS TO THE CONTENT OF THE SUB FORM: RESEARCH PARK**

(Provide a separate sheet if necessary, where also additional information about the facility can be provided.)

2.33. Comments/Specifications: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

*I herewith agree to allow public access, through the use in the ENFORS database, to the above-mentioned information.*

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Tel: \_\_\_\_\_

E-mail: \_\_\_\_\_



### Questionnaire – National inventories Sub form: B. Network

This sub form shall be filled in when the box for “Network” has been ticked for the chosen facility on the main form. For more detailed information about what type of measurements or activities carried out at the basic units (plots etc.) within the “Network“, please use Appendix 4 as described in the instructions or a separate sheet of paper.

#### FORMALITIES

- 3.1. Name of the facility:  
(give the same name as on the main form) \_\_\_\_\_
- 3.2. Country: \_\_\_\_\_

#### NETWORK CHARACTERISTICS – SPATIAL AND TEMPORAL EXTENT

- 3.3. General description of the network design and its spatial extent: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### *Overall spatial extent*

- 3.4. *Latitude* *Co-ordinate system and map datum*  
 3.4a. Minimal: \_\_\_\_\_ 3.4b. Maximal: \_\_\_\_\_
- 3.5. *Longitude*  
 3.5a. Minimal: \_\_\_\_\_ 3.5b. Maximal: \_\_\_\_\_
- 3.6. *Altitude range*  
 3.6a. Minimal: \_\_\_\_\_ 3.6b. Maximal: \_\_\_\_\_

#### *Network design – spatial and temporal characteristics of the basic units*

- 3.7. Total number of basic units: \_\_\_\_\_

#### *Distribution*

- 3.8. Distribution pattern of the basic units:  
 Regular      Grid size: \_\_\_\_\_  
 Irregular



Appendix 3. Sub form: B. Network (page 2 of 4)

3.9. Basic units are distributed:

- Randomly
- Subjectively

*Shape*

3.10. Shape of the basic units:

- Regular
- Irregular

*Size*

3.11. Size of the basic units:

- Constant                      Size class/es: \_\_\_\_\_
- Varying                        Size range: \_\_\_\_\_

*Visits*

3.12. Visits at the basic units are made:

- Only once
- Repeatedly (e.g. permanent plots)

3.13. Return frequency for the general activities of the network:

- Regular                      Interval: \_\_\_\_\_
- Irregular

**ENVIRONMENTAL CHARACTERISTICS**

3.14. The network has a subjective/objective coverage of the following ecosystems – general description: \_\_\_\_\_

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**3.15. Biogeographical region/s:**  
(reference: Council Directive 92/43/EEC)

- Alpine
- Atlantic
- Boreal
- Continental
- Mediterranean



Appendix 3. Sub form: B. Network (page 3 of 4)

3.16. Major land cover type/s (CORINE land cover types 3 levels, http://reports.eea.eu.int/):  
CEC. 1994. CORINE land cover. Technical guide. Luxembourg, Office for Official Publications of European Communities.

Bossard, M., Feranec, J. and Otahel, J. 2000. CORINE land cover technical guide: Addendum 2000. European Environment Agency, Copenhagen.

1. _____	3. _____
2. _____	4. _____

3.17. Major habitat type/s (European Community habitat classification, Natura 2000, http://europa.eu.int/comm/environment/nature/hab-en.htm):

European Commission DG Environment. 1999. Interpretation manual of European Union habitats (version EUR 15/2). European Commission DG Environment.

1. _____	6. _____
2. _____	7. _____
3. _____	8. _____
4. _____	9. _____
5. _____	10. _____

ACTIVITIES CARRIED OUT WITHIN THE NETWORK – TYPES AND SUPPORT

Type of activities

3.18. Describe the type of activities that are carried out within the network (research, monitoring or other): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3.19. Describe the type of measurement/observations that are carried out within the network (research, monitoring or other): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Spatial and temporal scales addressed

3.20. Spatial scales

- Plot
- Stand
- Landscape
- Regional
- National

3.21. Temporal scales

- Diurnal/Nocturnal
- Seasonal
- Annual
- For tens of years
- Historical





### Questionnaire – National inventories Sub form: C. Individual site/study

This sub form shall be filled in either when the box for “Individual site” has been ticked for the chosen facility on the main form, or when you supply additional information about sites/plots/projects/studies within a “Research park” or a “Network”. For further details, see the instructions for national inventories.

#### FORMALITIES

4.1. Name of the facility:

(give the same name as on the main form)

4.1a. Give the reference to another connected facility if the above site, plot, project or study is included in an earlier reported “A. Research park” or “B. Network”.

4.2. Country:

#### LOCALITY/ENVIRONMENTAL CHARACTERISTICS

4.3. General description of the locality:

4.4. Latitude

4.4a. Minimal:

4.4b. Maximal:

*Co-ordinate system  
and map datum*

4.5. Longitude

4.5a. Minimal:

4.5b. Maximal:

4.6. Altitude range

4.6a. Minimal:

4.6b. Maximal:

4.7. Area:

4.8. Main exposure/s:

(N, NE, E, SE, etc.)

#### 4.9. Biogeographical region/s:

(reference: Council Directive 92/43/EEC)

- Alpine
- Atlantic
- Boreal
- Continental
- Mediterranean



Appendix 4. Sub form: C. Individual site/study (page 2 of 3)

4.10. Major land cover type/s (CORINE land cover types 3 levels, http://reports.eea.eu.int/):  
CEC. 1994. CORINE land cover. Technical guide. Luxembourg, Office for Official Publications of European Communities.

Bossard, M., Feranec, J. and Otahel, J. 2000. CORINE land cover technical guide: Addendum 2000. European Environment Agency, Copenhagen.

1. \_\_\_\_\_ 3. \_\_\_\_\_  
2. \_\_\_\_\_ 4. \_\_\_\_\_

4.11. Major habitat type/s (European Community habitat classification, Natura 2000, http://europa.eu.int/comm/environment/nature/hab-en.htm):

European Commission DG Environment. 1999. Interpretation manual of European Union habitats (version EUR 15/2). European Commission DG Environment.

1. \_\_\_\_\_ 6. \_\_\_\_\_  
2. \_\_\_\_\_ 7. \_\_\_\_\_  
3. \_\_\_\_\_ 8. \_\_\_\_\_  
4. \_\_\_\_\_ 9. \_\_\_\_\_  
5. \_\_\_\_\_ 10. \_\_\_\_\_

ACCESSIBILITY TO AND TYPES OF ACCOMMODATION AND LABORATORIES

4.12. Are the following facilities easily accessible:

Accommodation Specify type/s: \_\_\_\_\_  
 Laboratories Specify type/s: \_\_\_\_\_

ACTIVITIES CARRIED OUT WITHIN THE INDIVIDUAL SITE – TYPES AND SUPPORT

Type of activities

4.13. Describe the type of general activities that are carried out within the individual site (research, monitoring or other): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4.14. Describe the type of measurement/observations that are carried out within the individual site: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



***Spatial and temporal scales addressed***

**4.15. Spatial scales**

- Plot
- Stand
- Landscape
- Regional
- National

**4.16. Temporal scales**

- Diurnal/Nocturnal
- Seasonal
- Annual
- For tens of years
- Historical

***Support***

4.17. The research and monitoring activities are supported by:

- A long-term management plan
- Land owners
- Legislation
- Institutional body and governmental support
- Individual research projects and grants

**COMMENTS/SPECIFICATIONS TO THE CONTENT OF THE SUB FORM: INDIVIDUAL SITE**

(Provide a separate sheet if necessary, where also additional information about the facility can be provided.)

4.18. Comments/Specifications: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

***I herewith agree to allow public access, through the use in the ENFORS database, to the above-mentioned information.***

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Tel: \_\_\_\_\_

E-mail: \_\_\_\_\_