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Finnish Forest Research Institute



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Swedish University of  
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FOREST & LANDSCAPE



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DE CATALUNYA

## User Manual – Integration Module

**“Framework contract for the provision of forest data and services in  
support to the European Forest Data Centre”  
Reference: 2007/ S 194-235358 of 09/10/2007**

# Contents

- 1 Introduction.....3**
- 2 Welcome page.....4**
- 3 Submit Plot locations.....5**
- 4 Submit Strata definition.....7**
- 5 Submit forest data.....9**

# 1 Introduction

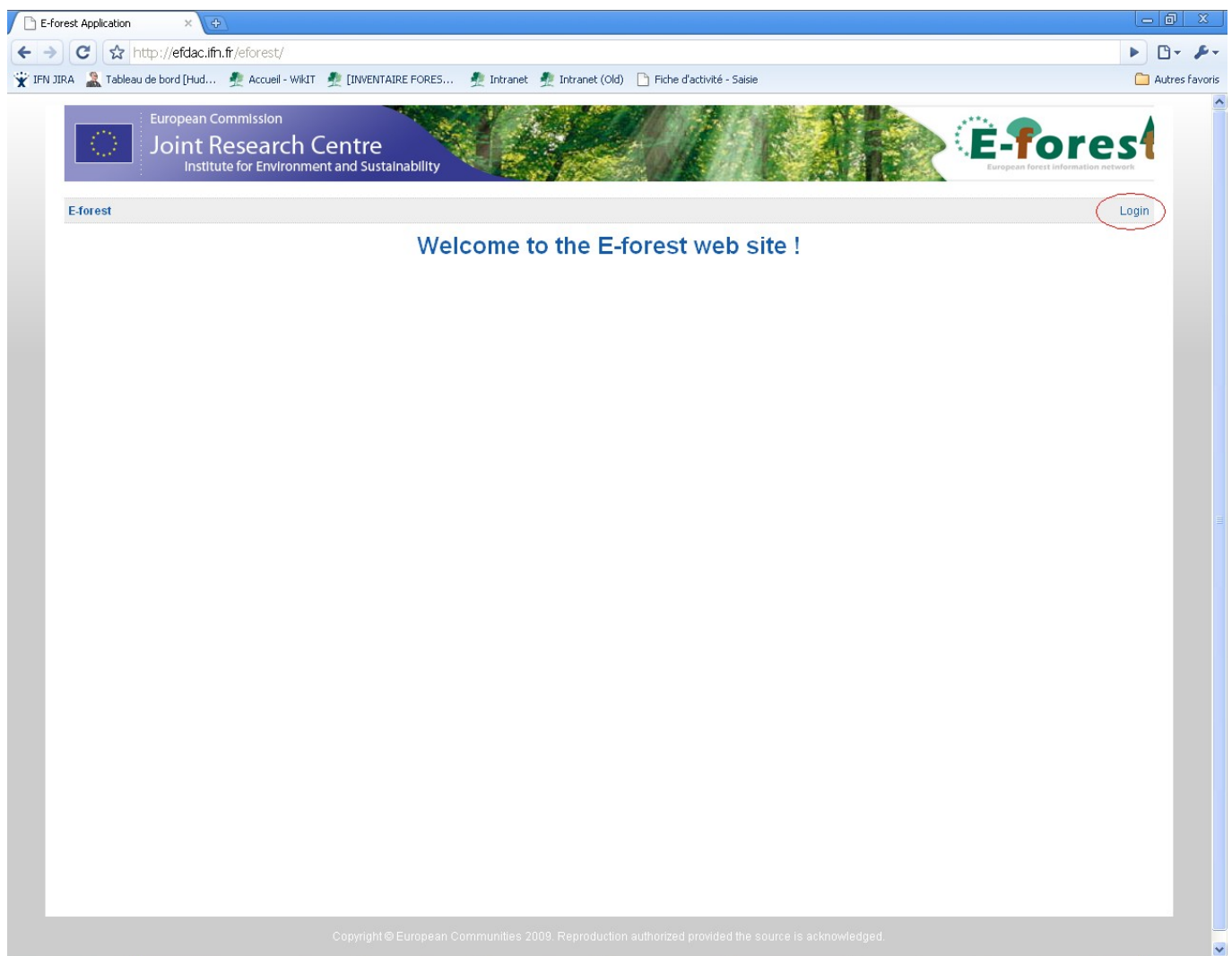
This document describes the use of the integration module of the E-forest web site.

The data integration module allow a given user to submit two type of data :

- Plot locations, which is valid for all the JRC Request and is using a fixed file format
- Data in response to a JRC Request, with a list of variables that can change depending on the request.

In order to connect on the web site, you must go to the following address: <http://efdac.ifn.fr/eforest/> and click on the login link on the upper right corner of the page.

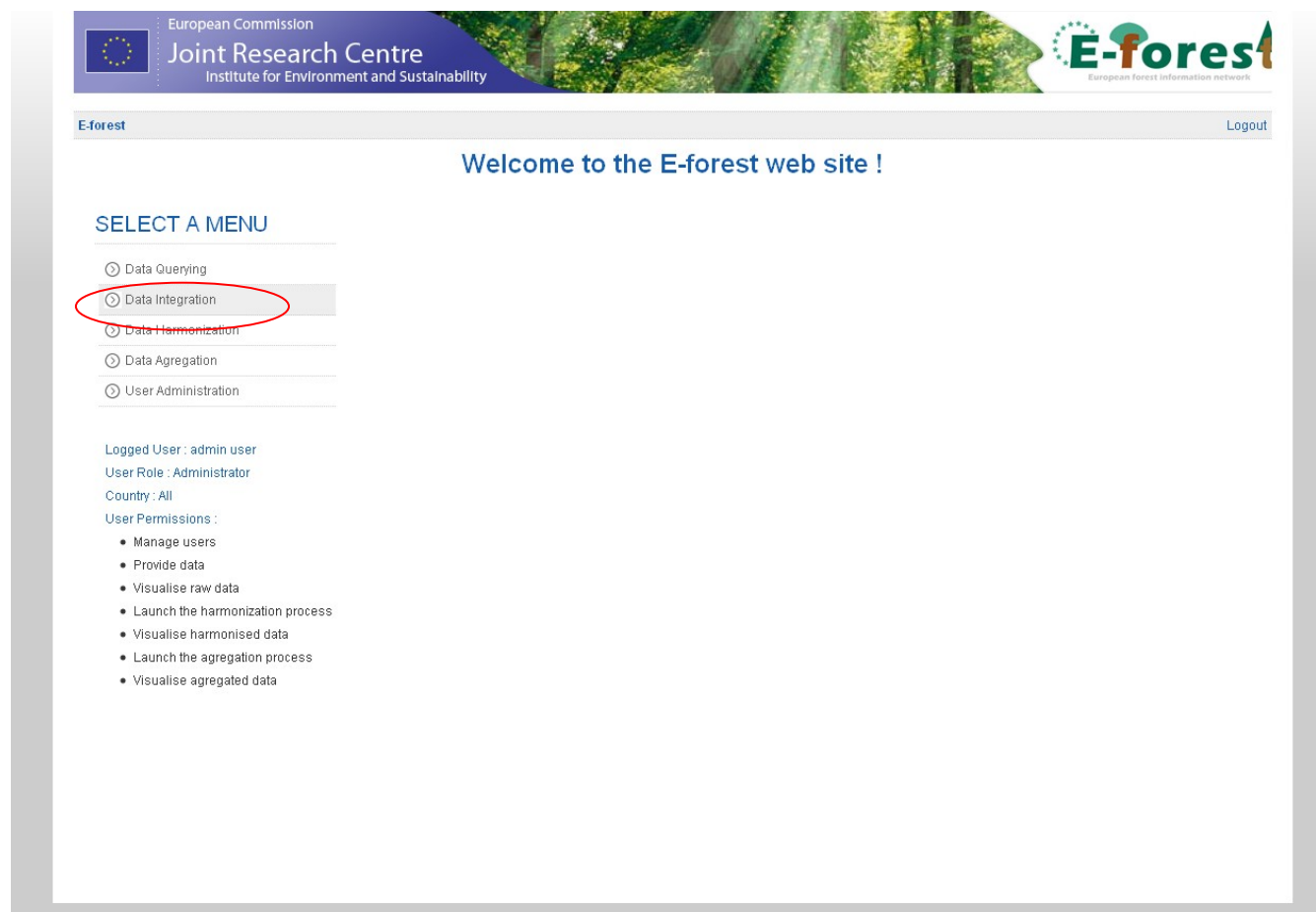
The user login should have been send by mail.



## 2 Welcome page

The welcome page of the web site allows you to access the different modules.

Your user should have access to the Data Integration Module. Click on the link.



The screenshot shows the E-forest web site interface. At the top, there is a header with the European Commission logo, the text "Joint Research Centre Institute for Environment and Sustainability", and the E-forest logo with the tagline "European forest information network". Below the header, a navigation bar contains the "E-forest" logo on the left and a "Logout" link on the right. The main content area features a large blue heading "Welcome to the E-forest web site !". On the left side, there is a section titled "SELECT A MENU" with a list of options: "Data Querying", "Data Integration" (highlighted with a red circle), "Data Harmonization", "Data Agregation", and "User Administration". Below this menu, the user's session information is displayed: "Logged User : admin user", "User Role : Administrator", "Country : All", and "User Permissions :". The permissions list includes: "Manage users", "Provide data", "Visualise raw data", "Launch the harmonization process", "Visualise harmonised data", "Launch the agregation process", and "Visualise aggregated data".

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### Welcome to the E-forest web site !

#### SELECT A MENU

- Data Querying
- Data Integration
- Data Harmonization
- Data Agregation
- User Administration

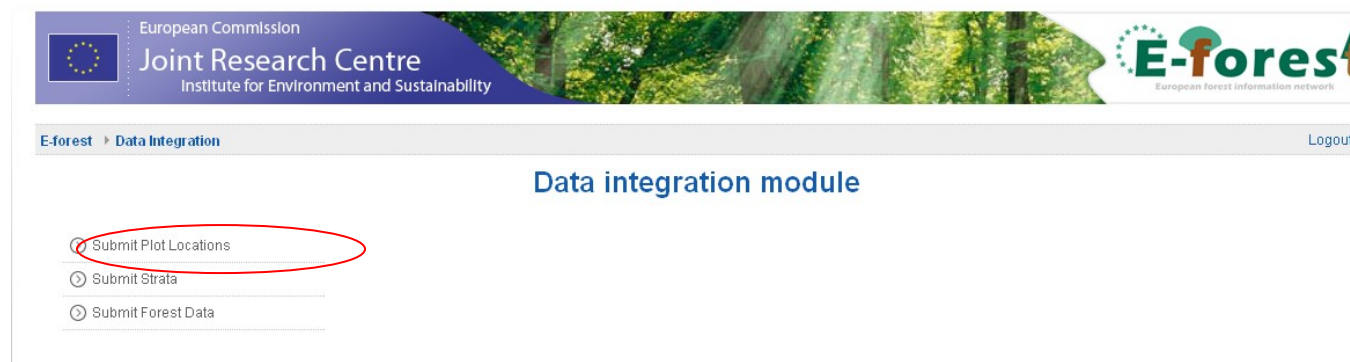
Logged User : admin user  
User Role : Administrator  
Country : All  
User Permissions :

- Manage users
- Provide data
- Visualise raw data
- Launch the harmonization process
- Visualise harmonised data
- Launch the agregation process
- Visualise aggregated data

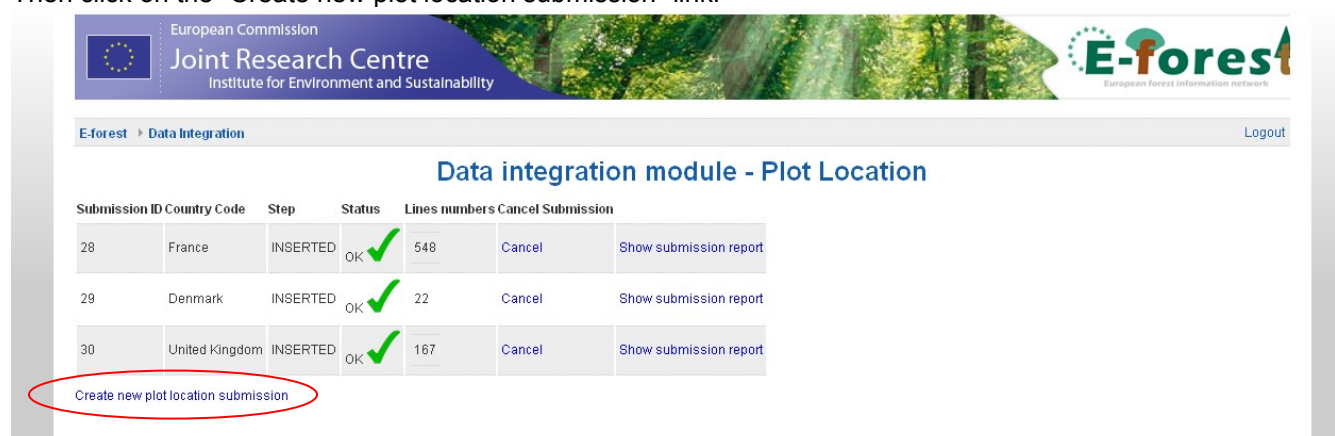
### 3 Submit Plot locations

If it is not already done, the first thing to do is to submit in the system the list of plot locations that will be used for all the JRC request.

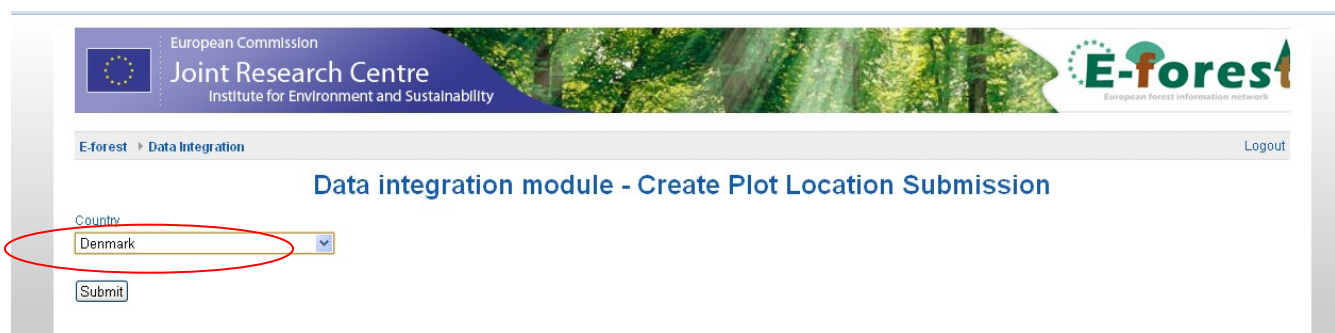
To do this, click on the “Submit Plot Locations” link.




Then click on the “Create new plot location submission” link.



Validate the country






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## Data integration module - Upload Plot Location

Upload plot location file:

Aucun f... choisi

The expected fields are: Plot Code\*, Cluster Code\*, Latitude\*, Longitude\*, Is plot coordinate\*, Comment;

Ouvrir

Regarder dans : Bureau

Mes documents récents

Bureau

Mes documents

Poste de travail

Favoris réseau

Mes documents

Poste de travail

Favoris réseau

FastStone Image Viewer

Google Earth

Mozilla Firefox

OpenOffice.org 3.1

Picasa 3

R 2.9.1

Samsung New PC Studio

SSH Secure File Transfer Client

SSH Secure Shell Client

VLC media player

Wireshark

biosoil.backup

cartoifn.backup

donesol.backup

Eclipse

efdac.backup

Error\_Report\_28.pdf

faicts\_et\_dicts.backup

GIMP 2

Google Chrome

HxD Free Hex Editor

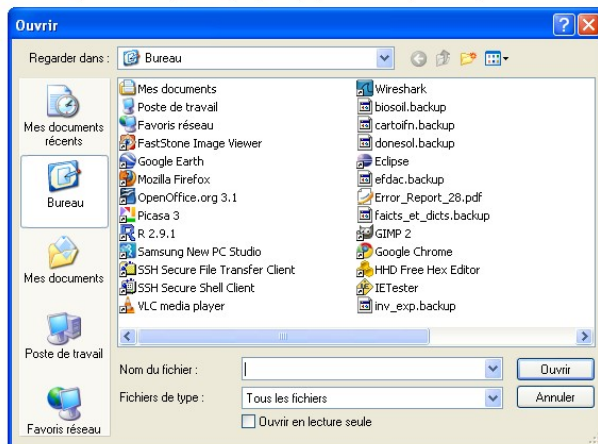
IETester

inv\_exp.backup

Nom du fichier :

Fichiers de type :

☐ Ouvrir en lecture seule



## 4 Submit Strata definition

To do this, click on the “Submit Plot Locations” link.

The screenshot shows the E-forest Data Integration module main page. The header includes the European Commission logo, Joint Research Centre Institute for Environment and Sustainability, and the E-forest logo. The breadcrumb trail is "E-forest > Data Integration". The page title is "Data integration module". On the left sidebar, there are three links: "Submit Plot Locations", "Submit Strata", and "Submit Forest Data". The "Submit Plot Locations" link is circled in red.

Then click on the “Create new strata submission” link.

The screenshot shows the E-forest Data Integration module - Strata page. The header is the same as the previous page. The breadcrumb trail is "E-forest > Data Integration". The page title is "Data integration module - Strata". Below the title is a table with the following data:


Submission ID	Country	Code	Step	Status	Lines numbers	Actions
71	France	INSERTED	OK	✓	2	<a href="#">Cancel</a> <a href="#">Show submission report</a>

Below the table, the link "Create new strata submission" is circled in red.


Validate the country

The screenshot shows the E-forest Data Integration module - Create Strata Submission page. The header is the same as the previous pages. The breadcrumb trail is "E-forest > Data Integration". The page title is "Data integration module - Create Strata Submission". Below the title is a form with a "Country" dropdown menu showing "France" and a "Submit" button. The "Country" dropdown menu is circled in red.

And finally, upload the strata definition file.



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### Data integration module - Upload Strata

Upload strata file:

Parcourir...

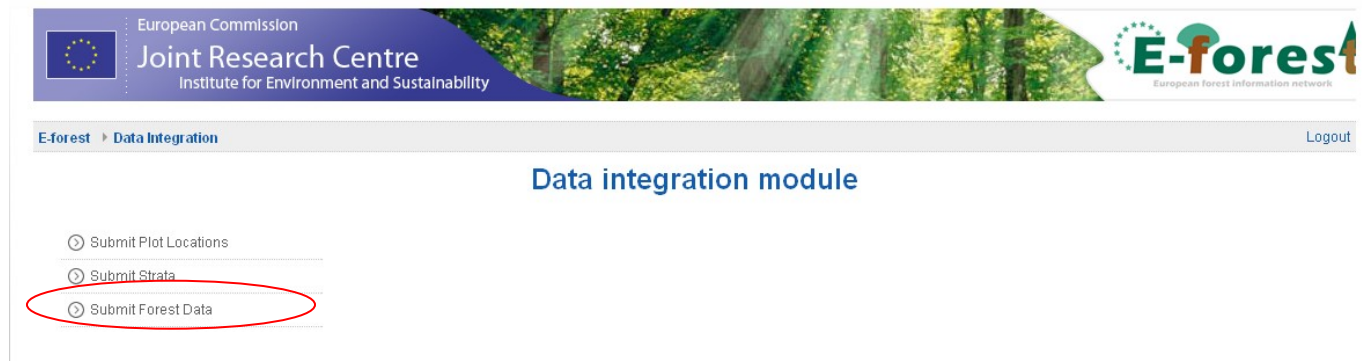
The expected fields are: **Stratum code\***, **Total stratum area\***, **Comment**;

Submit



## 5 Submit forest data

Click on the “Submit Forest data link”



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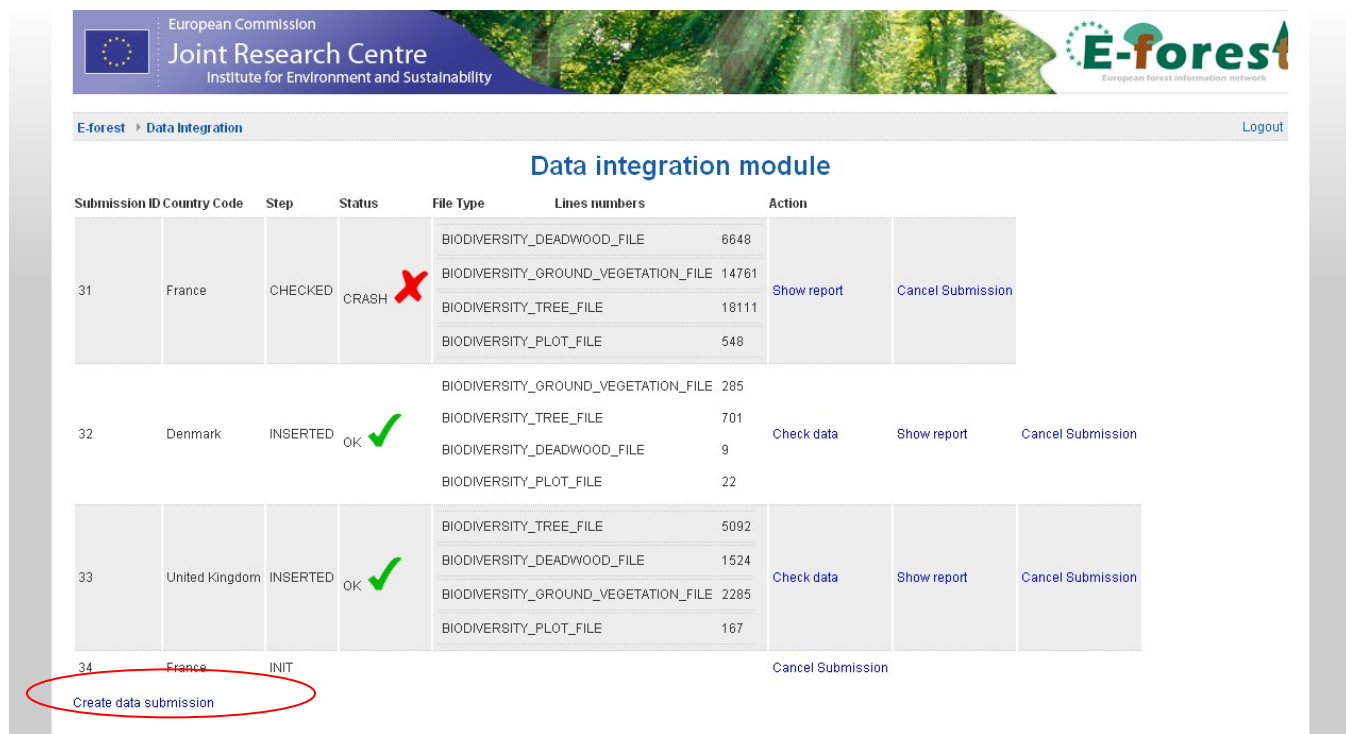
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### Data integration module

- Submit Plot Locations
- Submit Strata
- Submit Forest Data

Click on the “Create data submission” link.






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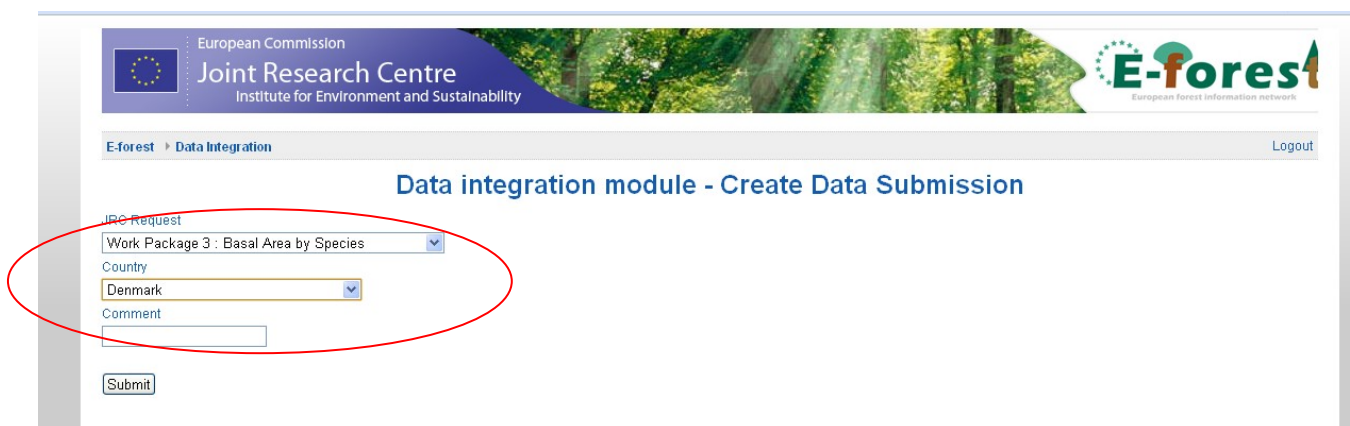
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### Data integration module

Submission ID	Country Code	Step	Status	File Type	Lines numbers	Action
31	France	CHECKED	CRASH 	BIODIVERSITY_DEADWOOD_FILE	6648	<a href="#">Show report</a> <a href="#">Cancel Submission</a>
				BIODIVERSITY_GROUND_VEGETATION_FILE	14761	
				BIODIVERSITY_TREE_FILE	18111	
				BIODIVERSITY_PLOT_FILE	548	
32	Denmark	INSERTED	OK 	BIODIVERSITY_GROUND_VEGETATION_FILE	285	<a href="#">Check data</a> <a href="#">Show report</a> <a href="#">Cancel Submission</a>
				BIODIVERSITY_TREE_FILE	701	
				BIODIVERSITY_DEADWOOD_FILE	9	
33	United Kingdom	INSERTED	OK 	BIODIVERSITY_TREE_FILE	5092	<a href="#">Check data</a> <a href="#">Show report</a> <a href="#">Cancel Submission</a>
				BIODIVERSITY_DEADWOOD_FILE	1524	
				BIODIVERSITY_GROUND_VEGETATION_FILE	2285	
				BIODIVERSITY_PLOT_FILE	167	
34	France	INIT				<a href="#">Cancel Submission</a>

[Create data submission](#)

Select a JRC Request and validate the selection of the country.  
Eventually, add a comment for the submission.



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### Data integration module - Create Data Submission


JRC Request  
Work Package 3 : Basal Area by Species

Country  
Denmark


Comment

Submit

Finally, submit the CSV files that correspond to the selected JRC Request and submit the data.



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### Data integration module - Upload Data

Upload plot file:

Aucun f... choisi


The expected fields are: Plot Code\*, Inventory Date\*, Cycle\*, Beginning Year\*, Ending Year\*, Comment;

Upload species file:


Aucun f... choisi

The expected fields are: Plot Code\*, Cycle\*, Tree species\*, Basal Area\*, Comment;

A report on the submission should be available.






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### Data integration module

Submission ID	Country Code	Step	Status	File Type	Lines numbers	Action		
31	France	CHECKED	CRASH 	BIODIVERSITY_PLOT_FILE	548	<a href="#">Show report</a>	<a href="#">Cancel Submission</a>	
				BIODIVERSITY_TREE_FILE	18111			
				BIODIVERSITY_GROUND_VEGETATION_FILE	14761			
				BIODIVERSITY_DEADWOOD_FILE	6648			
32	Denmark	INSERTED	OK 	BIODIVERSITY_DEADWOOD_FILE	9	<a href="#">Check data</a>	<a href="#">Show report</a>	<a href="#">Cancel Submission</a>
				BIODIVERSITY_GROUND_VEGETATION_FILE	285			
				BIODIVERSITY_TREE_FILE	701			
				BIODIVERSITY_PLOT_FILE	22			
33	United Kingdom	INSERTED	OK 	BIODIVERSITY_PLOT_FILE	167	<a href="#">Check data</a>	<a href="#">Show report</a>	<a href="#">Cancel Submission</a>
				BIODIVERSITY_TREE_FILE	5092			
				BIODIVERSITY_GROUND_VEGETATION_FILE	5285			
				BIODIVERSITY_DEADWOOD_FILE	1524			

Create data submission