

Framework contract Specific Contract 3

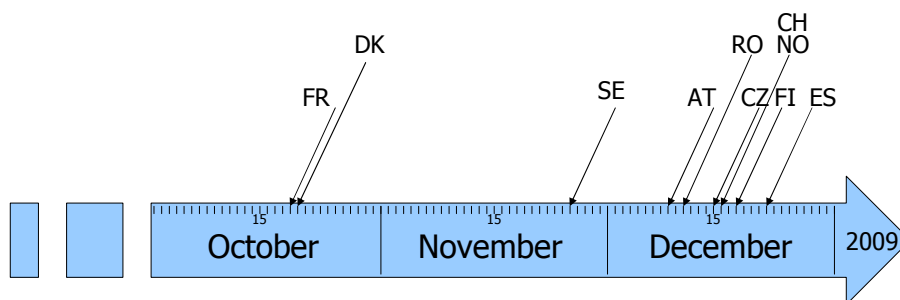
Data provision



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Date of upload



02/03/2010




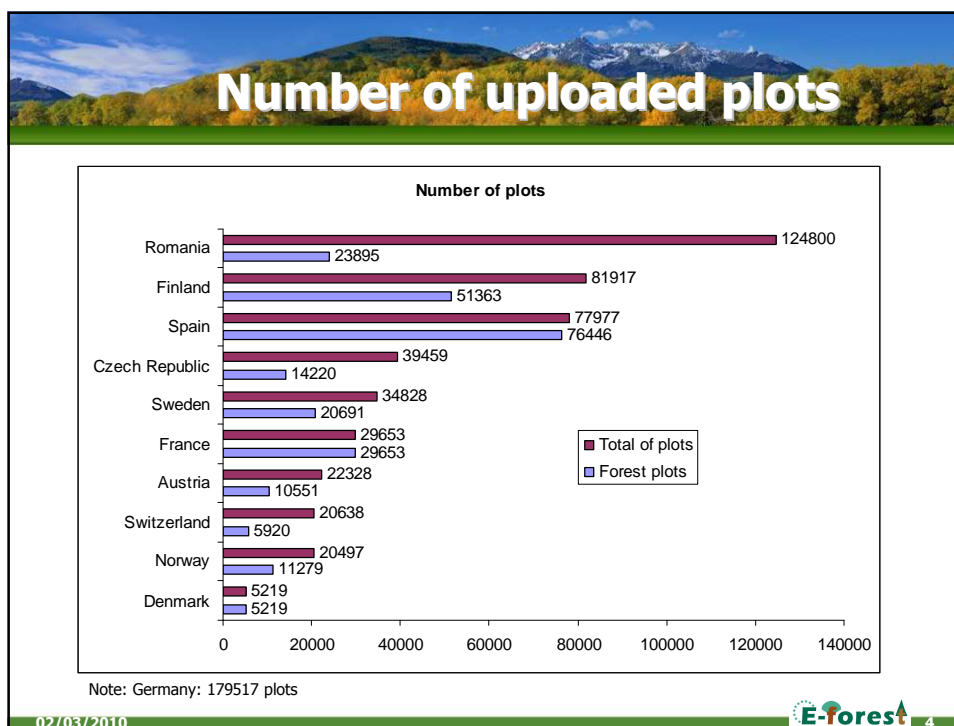
2

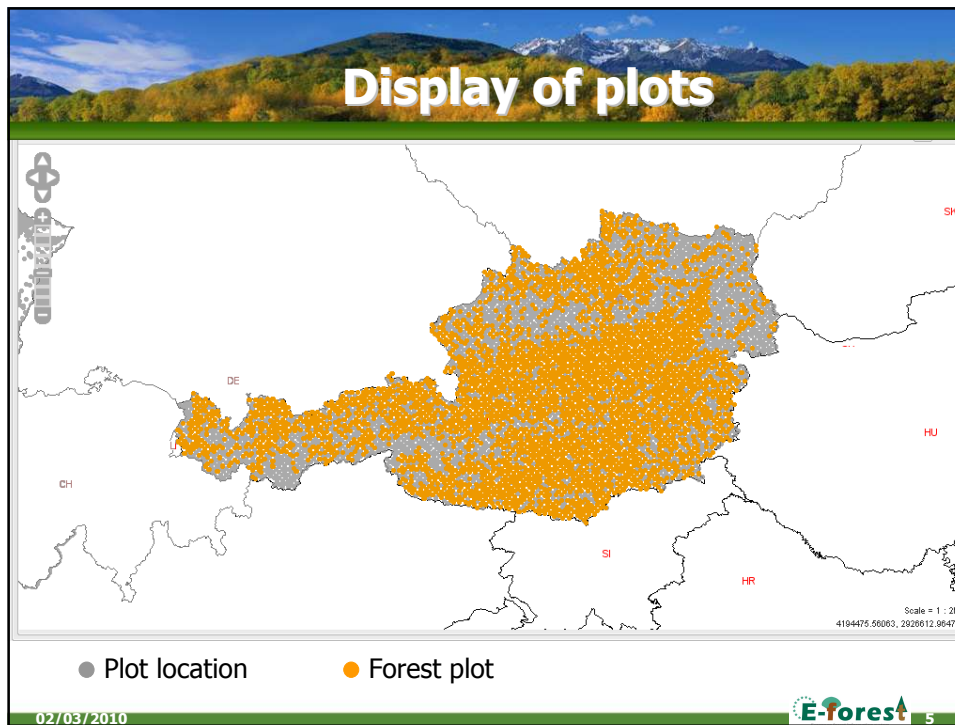
Data summary

Country	Real coordinates?	Subplots?	Clusters?
Austria	No	No	Yes
Czech Republic	No	No	No
Finland	No	No	Yes
France	No	No	Both
Germany	No	No	Yes
Norway	No	No	No
Romania	No	No	Yes
Spain	Yes	No	No
Sweden	No	No	Yes
Switzerland	Yes	No	No

Only Norway and Finland uploaded two different cycles

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Feedback

- Problems linked to the E-forest platform
- Difficulties linked to the tree species list
- Determination of forest/non-forest plots
- Plots outside country boundaries
- Inventory date for non-forest plots
- Query module

Explain the difficulties => compare choices
=> Find an agreement

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French feedback

- Tree species list
 - Problem of no corresponding tree species
- Non-forest plots not uploaded to the platform
- Forest plots with no basal area

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Points to be discussed

Forest plots without basal area

- RO => inventory not finished yet
- ES and DK: all the plots have a basal area
- Other countries: of what corresponds these plots?

	country character var	forest_plot_without_species bigint
1	Austria	1746
2	France	4157
3	Czech Republic	782
4	Sweden	4077
5	Switzerland	233
6	Romania	19163
7	Finland	4334
8	Norway	482

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Points to be discussed

- Specifications on assessed elements:
 - Dead standing trees
 - Windthrown trees
 - Minimum diameter
- Specifications on subplots
- Specifications on strata
- Other points?

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Analysis of uploaded data




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Reference period


Country	Cycle	Reference period	
		beginning	end
Czech Republic	1	2001	2004
Finland	9	1996	2003
Finland	10	2004	2008
Spain	3	1997	2008
Switzerland	3	2004	2006
Sweden	2006	2004	2008
Denmark	2	2004	2008
Norway	1	2004	2008
Austria	6	2000	2002
Romania	1	2008	2012
France	5	2004	2009
Norway	4	2004	2008

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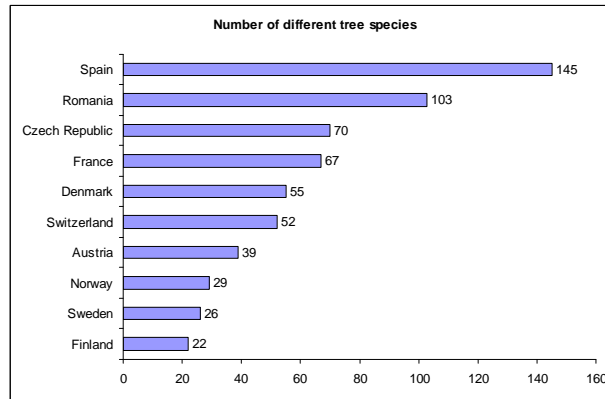


Strata

Country	Cycle	Sum of strata area (km²)	Country area (km²)	Diff in %
Austria	6	83858	83870	0,01
Czech Republic	1	78869	78866	0,00
Denmark	2	6000	43094	86,08
Finland	10	275756	338145	18,45
France	9	28391	338145	91,60
France	5	490	547030	99,91
Norway	1	276517	324220	14,71
Norway	4	151037	324220	53,42
Romania	1	238383	237500	0,37
Spain	3	77970	505580	84,58
Sweden	2006	475231	449964	5,62
Switzerland	3	41284	41285	0,00

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Number of different tree species 1/3

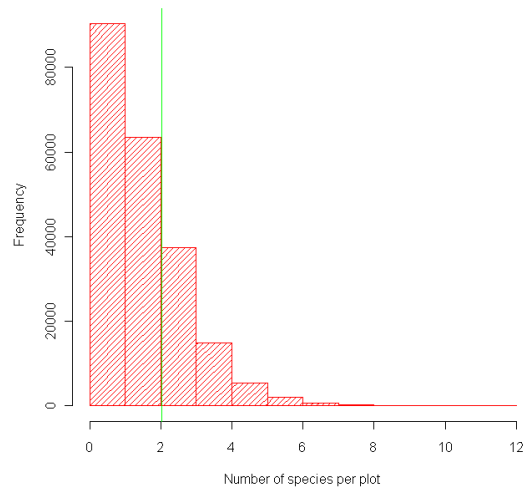


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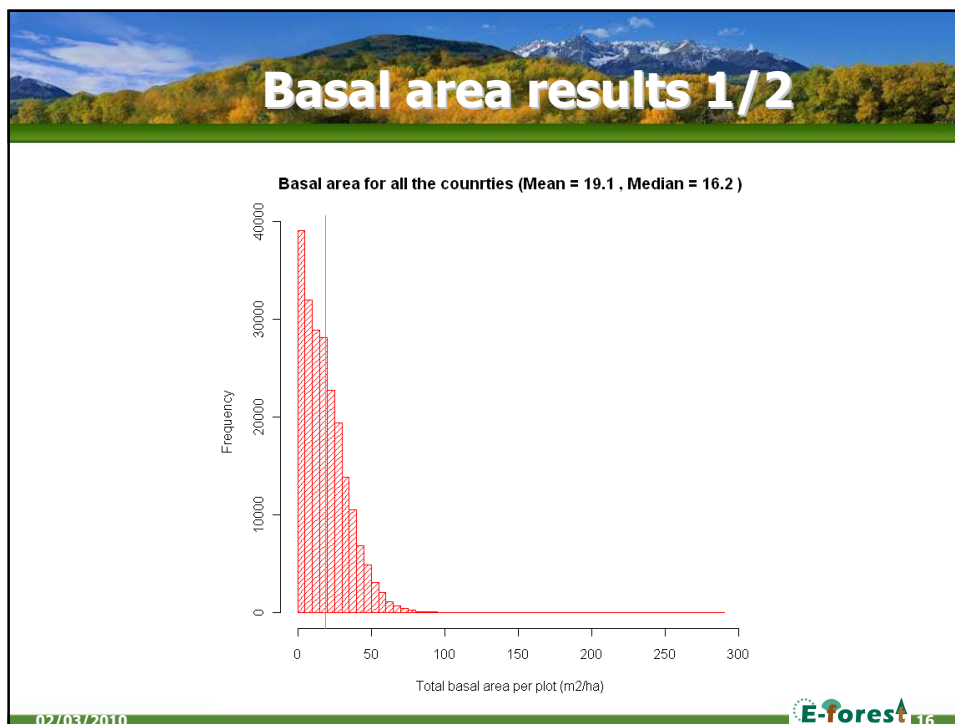
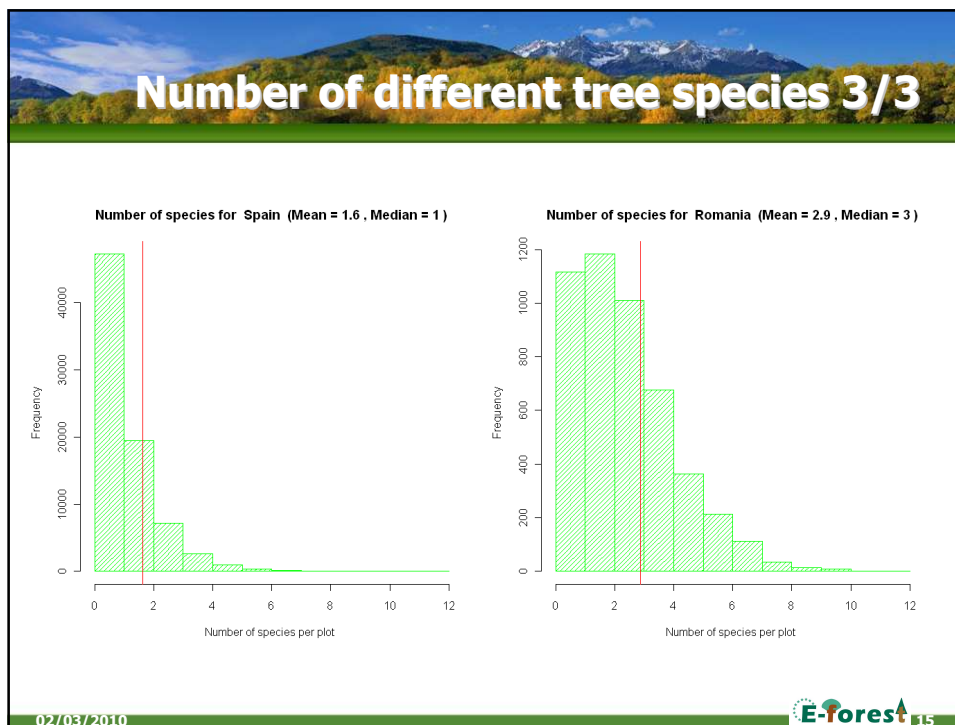
Number of different tree species 2/3

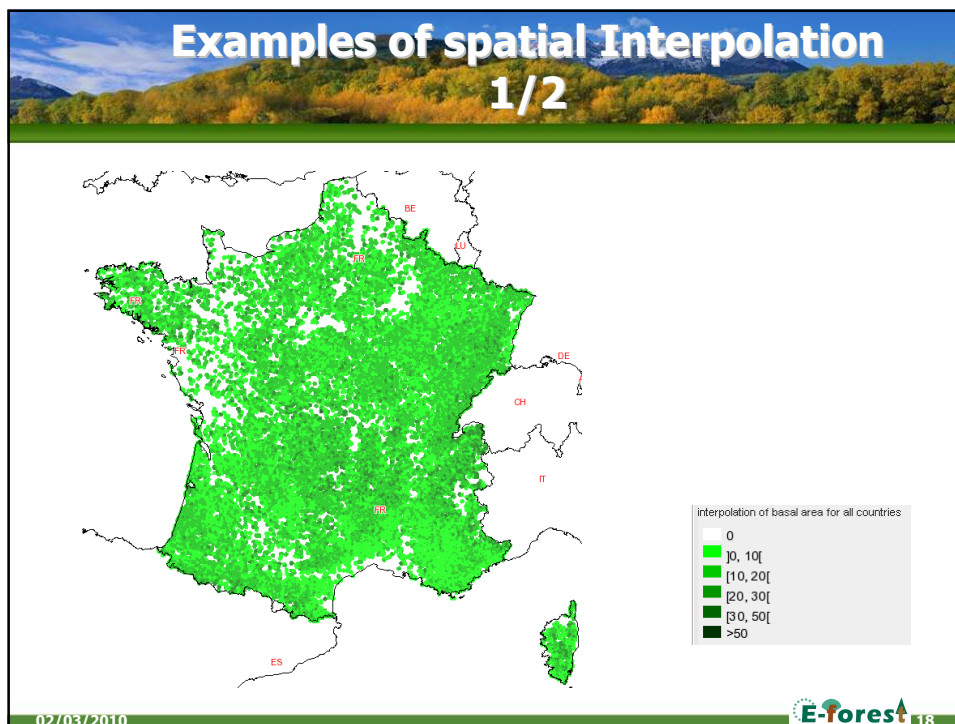
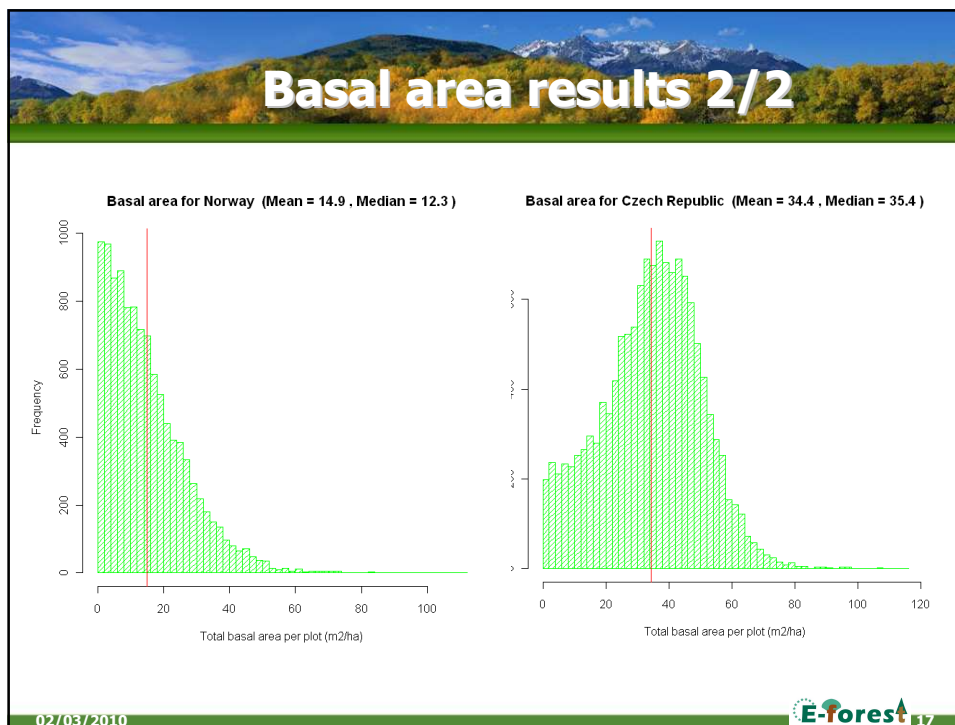
Number of species per plot for all the countries (Mean = 2 , Median = 2)

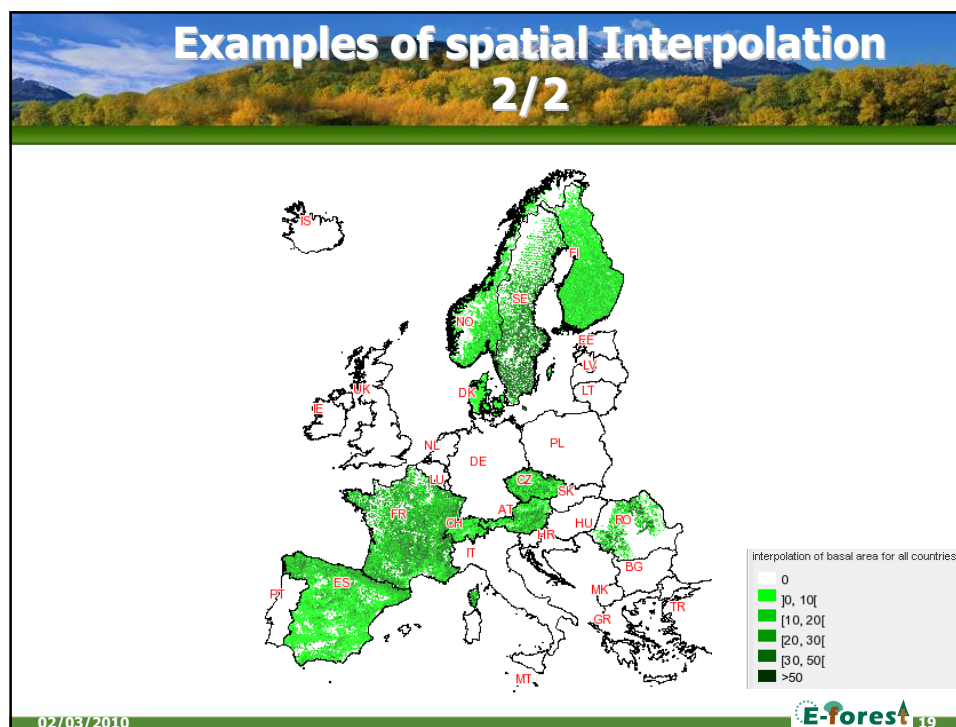


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SC3 deliverables

	Product	Grid levels used	Description	Comments
Map viewer (Static Maps) PNG format	Inventory Plot Distribution (Raster)	INSPIRE Grid 1x1 km	Display forest plots	Split into 2 classes (-1; 1)
	Inventory Plot Distribution (Raster)	INSPIRE Grid 1x1 km	Display forest and non-forest plots	To show the richness of NFI data
	Number of tree Species per plot	INSPIRE Grid 1x1 km	Number of different tree species per grid cell	Classes to be defined
	Tree Species Groups	INSPIRE Grid 1x1 km	Majority of conifers or broadleaves	2 classes: conifers and broadleaves. Sum of basal area for each class ⇨ comparison
	Tree Species Groups	INSPIRE Grid 1x1 km	Majority of conifers or broadleaves for harmonized dbh >=12cm	2 classes: conifers and broadleaves. Sum of basal area for each class ⇨ comparison
	Basal Area	Interpolation grid 2x2 km	Basal area per grid cell for all tree species	Basal area split into 3 or 5 classes
Interactive Tool (Spatial Representations)	Occurrence (presence/absence) of one tree species	INSPIRE Grid 1x1 km	Display all the plots + highlight those with the chosen tree species	Qualitative variables chosen by the user
Interactive Aggregation Tool (Spatial Representations)	Basal Area	INSPIRE Grids 50 x 50 km	Data retrieval on demand for one tree species	The user chooses: - the aggregation grid (5x5 or 10x10 km) - the tree species - the aggregation method

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Validation of the deliverables

- 1) Methodology for producing the deliverable has to be defined in a transparent way by the permanent members of the consortium
- 2) Each country has to have access to the deliverable using the E-forest platform -> access to all the data for all the countries (to be validate)
- 3) Validation of the deliverables during a defined period by each country
- 4) Remarks sent to the generic E-forest email
- 5) Remarks has to be managed by the permanent members of the consortium

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SC3 Timetable

Description	Date
Decision on tree species list	Before January 31
Opening of the platform	January 31
New upload according to the SC3 meeting decisions	Until February 28
Deliverable building	Until April 30
Access of the country to the data for validation	Until May 31
Remarks on data check (to eforest@ifn.fr)	

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Thank you for your attention



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Result validation

	Product	Grid levels used	Description	Comments
Map viewer (Static Maps)	Inventory Plot Distribution (Raster)	INSPIRE Grid 1x1 km	Display only cells containing data	To show the richness of NFI data
	Number of tree Species per plot	INSPIRE Grid 1x1 km	Number of different tree species per grid cell	Classes to be defined
	Tree Species Groups	INSPIRE Grid 1x1 km	Majority of conifers or broadleaves	2 classes: conifers and broadleaves. Sum of basal area for each class ⇒ comparison
	Total Basal Area	INSPIRE Grid 10x10 km	Basal area per grid cell for all tree species	Basal area split into 3 or 5 classes
Interactive Tool (Spatial Representations)	Occurrence (presence/absence) of one tree species	INSPIRE Grid 1x1 km	Display all the plots + highlight those with the chosen tree species	Qualitative variables chosen by the user
Interactive Aggregation Tool (Spatial Representations)	Basal Area	INSPIRE Grids 5x5 km and 10x10 km	Data retrieval on demand for one tree species	The user chooses: - the aggregation grid (5x5 or 10x10 km) - the tree species - the aggregation method

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