Framework contract
Provision of forest data and services

EUROPEAN COMMISSION
DIRECTORATE-GENERAL
Joint Research Centre

E-forest
European forest information system

Specific Contracts
Results of the bargaining between the
JRC and NFI providers of information

INVENTAIRE FORESTIER NATIONAL

Timetable

Description	Date
SC3 notification	August 24th, 2009
1st data upload	December 2009
Vienna meeting	January 12th-13th, 2010
New submission of data	Until February 28th
Meeting and negotiation with the JRC	End of January until last week
SC5 notification and impact on SC3	?
Birmensdorf meeting (SC3, 4, 5, 6 and 7)	March 24th-25th, 2010
Deliverable building	Until April 30th
End of SC2	End of May
SC3 final meeting and report	July 2010? (depending on SC3 amendment)

Specific Contracts

- SC5 negotiation
- Impact on SC3
- Feasibility study on SC6
- Possible SC7 (design based estimation)?
- JRC request change on SC4 (Biomass vs Volume)
- Interpolation/mapping/visualization strategy?
- Spanish Forest Protection Conference (April 6th-7th, 2010) and Green Paper

Deliverables before the Vienna meeting

	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

Deliverables after the Vienna meeting

	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

List of deliverables

Service	Deliverable	Grid levels used	Description	Comments	Deliverable format / webservice
Qualitative variables					
Map viewer (Static Maps)	Inventory Plot Distribution	INSPIRE Grid 1x1 km	Display forest plots		WMS,WFS
	Inventory Plot Distribution	INSPIRE Grid 1x1 km	Display forest and non-forest plots	To show the richness of NFI data	WMS,WFS
	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)	WMS,WFS
	Tree Species Groups	INSPIRE Grid 1x1 km	Majority of conifers or broadleaves for harmonized dbh >=12 cm	2 classes: conifers and broadleaves. Sum of basal area for each class (comparison)	WMS,WFS
Data query builder	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	CSV
Configurable Web Service	Occurrence (presence/absence) of one tree species	INSPIRE Grid 1x1 km	Plots where the tree species is present	WFS service with a tree_species parameter to fill (in accordance with the tree species nomenclature)	WFS&tree_species=

List of deliverables

Service	Deliverable	Grid levels used	Description	Comments	Deliverable format/ webservice
Quantitative variables					
Aggregation Tool	Basal Area	INSPIRE Grid 50x50 km	Data retrieval on demand for one tree species	The user chooses: - the tree species - the aggregation method	CSV
Configurable Web Service	Basal Area	INSPIRE Grid 50x50 km	Basal area where the tree species is present	WFS service with a tree_species parameter to fill (in accordance with the tree species nomenclature)	WFS&tree_species=


Service Contract 3
Methodology for producing the deliverables
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