

# Framework contract

## Provision of forest data and services



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## Service Contract 3

### Methodology for producing the deliverables

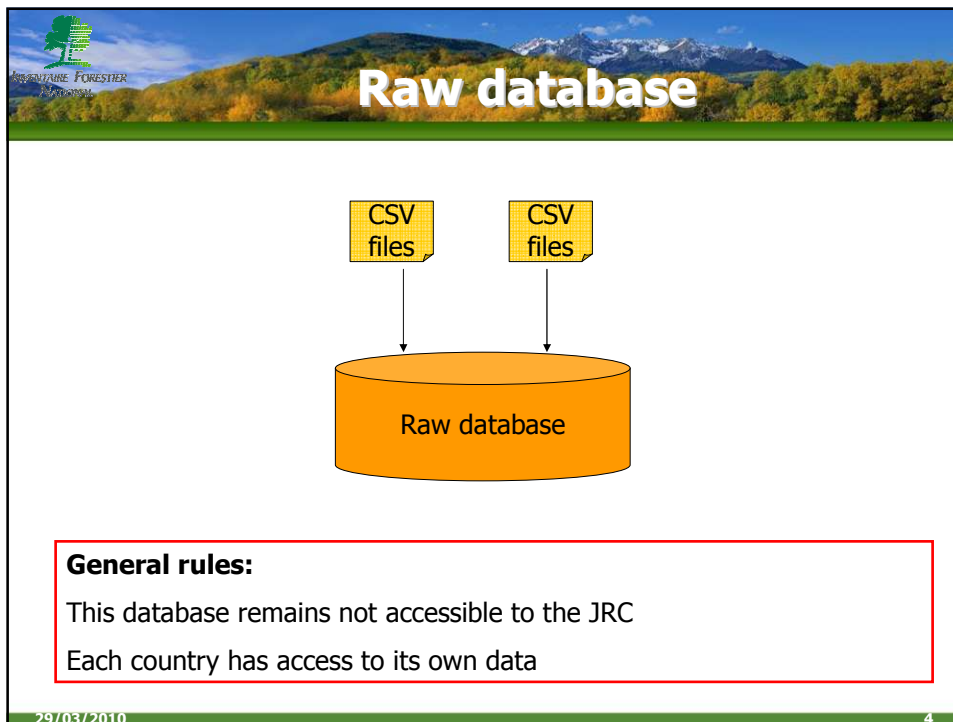


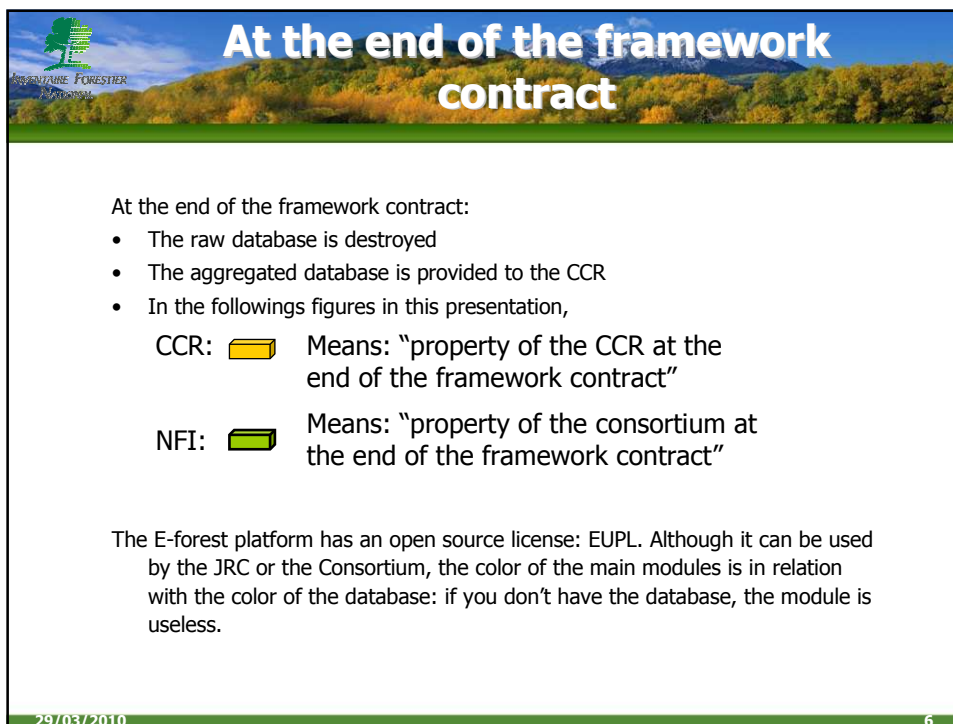
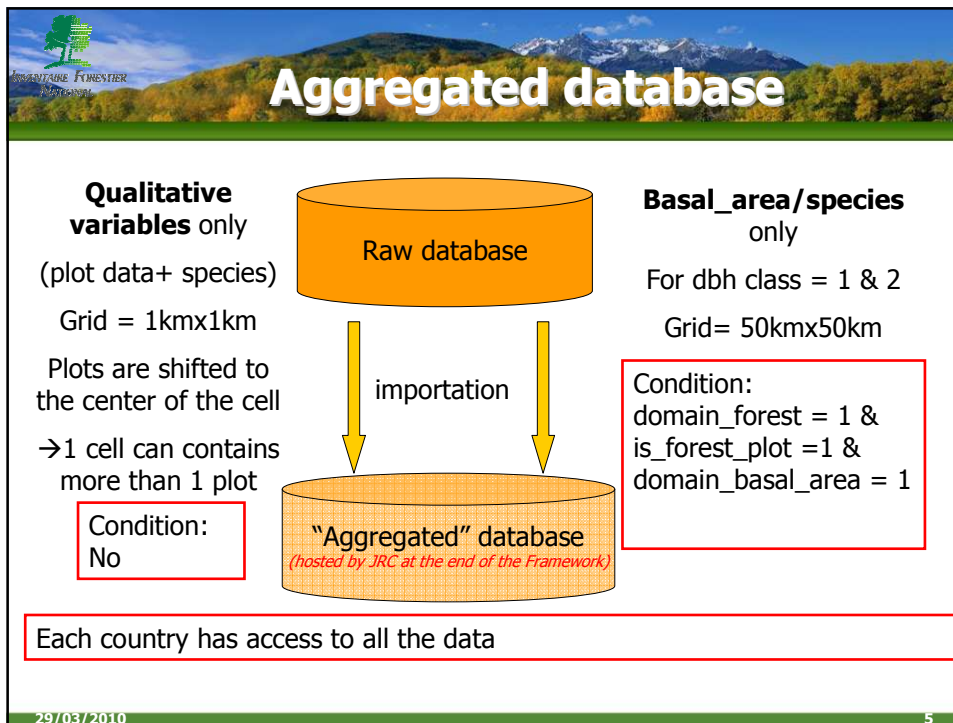
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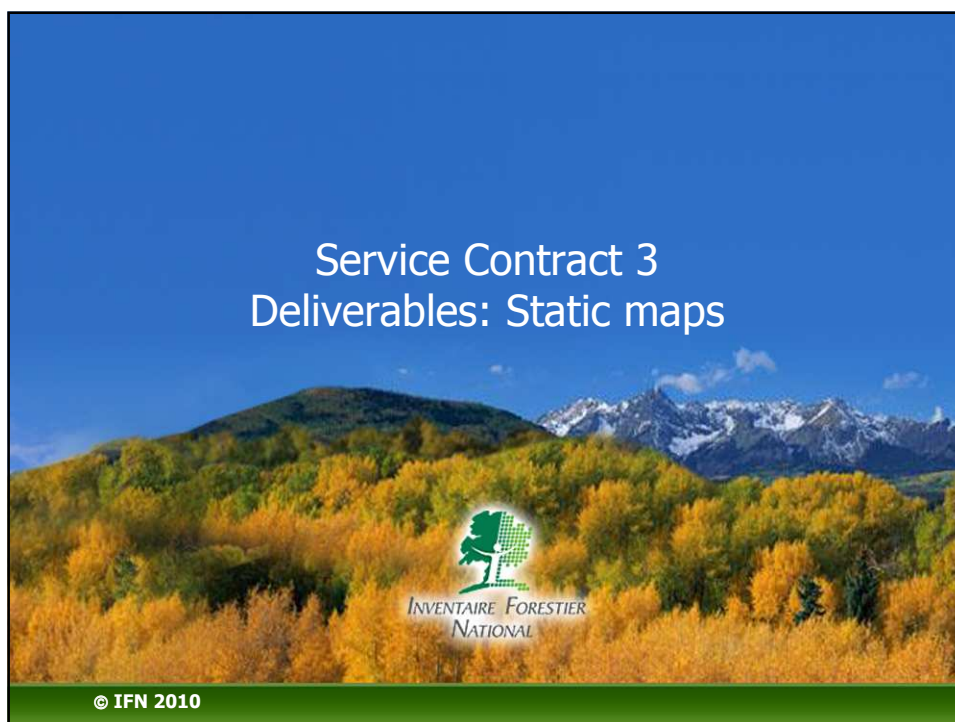
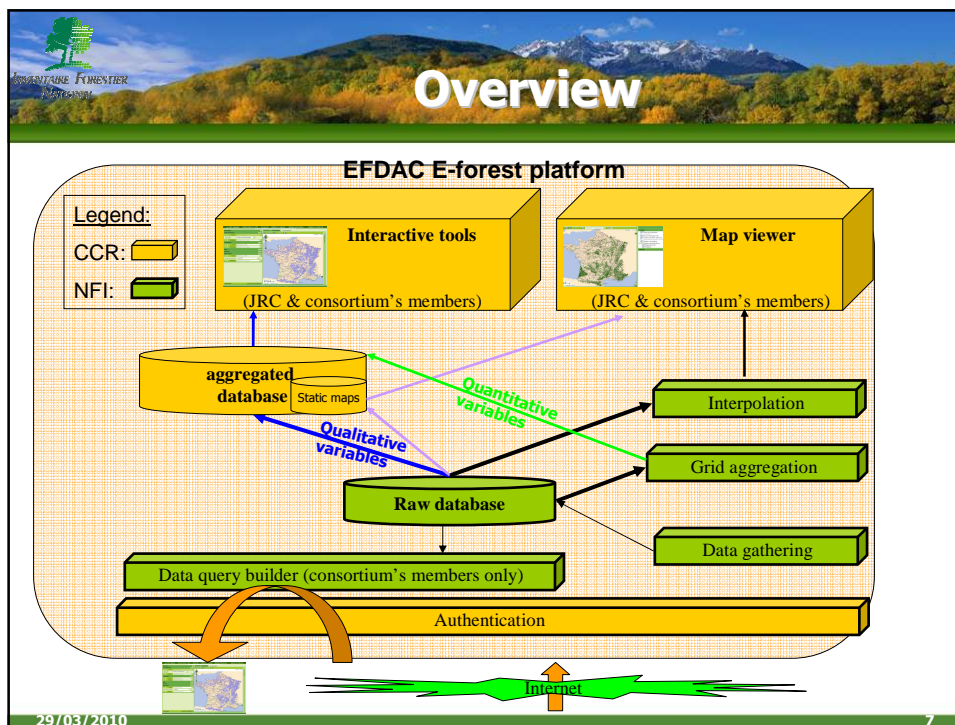
## Service Contract 2 & 3 From Raw database to aggregated database

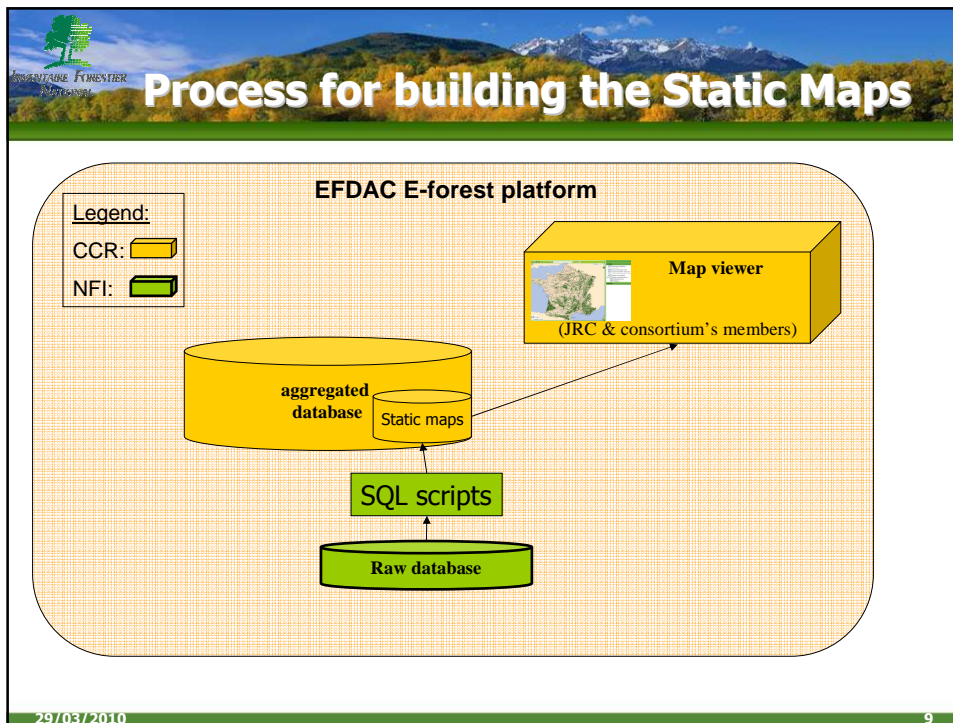


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## General rules

**Inspire Grids:**

Different EC web sites disseminate Inspire Grids. Some countries are missing sometimes and the cell identifiers are not the same.

E-forest use the 1km x 1km Inspire Grids found here:

?? we are looking for a "real" referential with the JRC??

**Plot distribution:**

To avoid misunderstanding or confusion, the representation of the plot distribution is based on the **grid cell** instead of **plots** based on the **centre of the cell**

Grid cell

tree species group  
Plot Locations  
INSPIRE Grid  
10km x 10km  
50km x 50km  
100km x 100km  
Country Boundaries

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# Inventory Plot Distribution

**General Condition for using plot :**

**Forest plot selection:**  
→ Condition: domain\_forest = 1 and is\_forest\_plot=1

**Non forest plot selection:**  
→ Condition: domain\_forest <> 1 or is\_forest\_plot<>1

**First deliverable: forest plot distribution**

- If a cell contains at least **one forest plot**, then the cell is considered as **forest cell**.

**Second deliverable: forest, non forest plot distribution**

- If a cell contains **only forest** plots then the cell is considered as a **forest cell**,
- If a cell contains **only non forest plots** then the cell is considered as a **non forest cell**
- If a cell contains **forest plots and non forest plots**, the cell is considered as a **forest & non forest cell**

(Note: thus, the forest category is some the same between the 2 deliverables !...)

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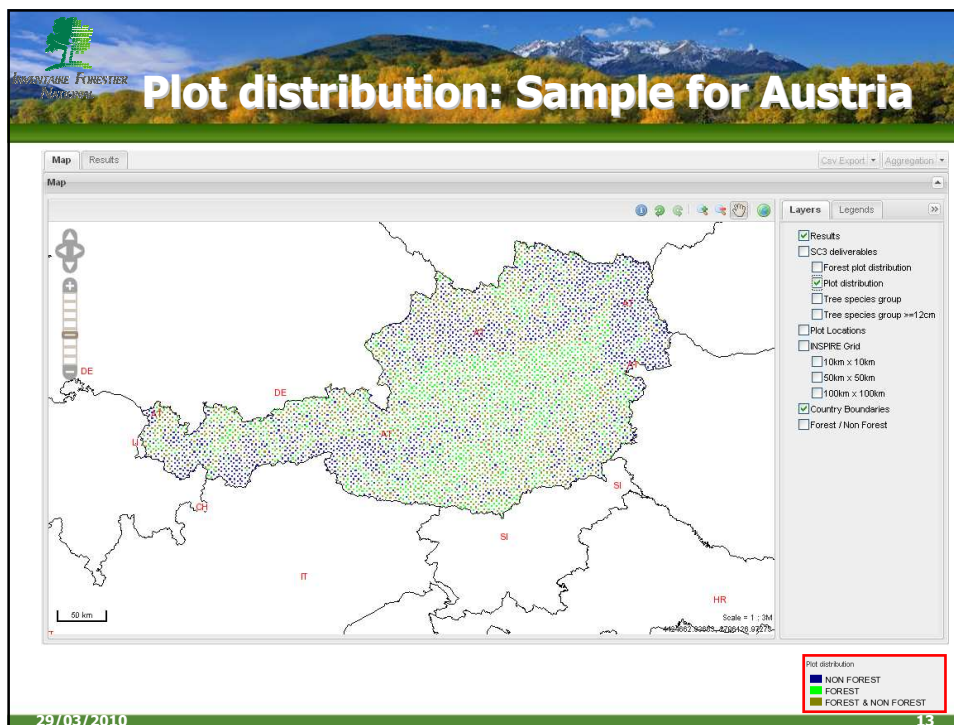
# Forest, non forest plot Distribution

**2 forest plots** → **forest cell**

**forest and non-forest plots** → **forest & non-forest cell**

**2 non-forest plots** → **non-forest cell**

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## Tree Species Groups

**General conditions for Tree Species plots selection:**

To identify if a cell has a majority of conifers or broadleaves, the basal area is used.  
 This operation is carried out only on forest plots.  
 → Condition: domain\_forest = 1 and is\_forest\_plot = 1 and domain\_basal\_area = 1

**Third deliverable: Tree Species group**

For all the plots contained in a cell, if there is no species  
 then the cell is considered as a **not defined** (clear cut for example)  
 else For all the plots contained in a cell, if the sum of (basal\_area\*statistical\_weight) for broadleaves >= the sum of (basal\_area\*statistical\_weight) for conifers  
 then the cell is considered as a **broadleaves**  
 else the cell is considered as **conifers**

Note: The basal area used for this calculation takes into account the two DBH\_CLASS (1 and 2)

**Fourth deliverable: Tree Species group dbh>12cm**

Same rule with a restriction on the basal area dbh class: DBH\_CLASS = 2

