# Minutes of work meeting 16 October 2019 –

# Forest Information System for Europe (FISE)

**Location**: European Environment Agency, Copenhagen

**Timing**: 16.10.2019 9:00 – 12:30

**Participants**:

* DG Environment: Cristina Brăilescu
* JRC: Bernd Eckhardt
* EEA: Annemarie Bastrup-Birk, Sebastien Petit
* Eau de Web: Miruna Bădescu, Tiberiu Ichim, Mihai Măcăneață
* Tracasa: Koldo Goñi Iza, Miguel Villafranca Artieda

## Agenda

1. Review of the work done so far by Eau de Web and Tracasa
2. Input from DG Env/EEA/JRC for the developments

## Minutes

**1) Eau de Web presentation:**

* The work discussed at the meeting 5/9 is being carried out in terms of web design, creating the portal backend in Plone 5 and implementing tiles for data retrieval and visualizations. Demo portal at <https://demo-forests-p5.eea.europa.eu>
* A technical meeting took place on the 15/10 in the EEA, where the technical aspects of the portal implementation and data retrieval from geo-databases have been agreed upon with the EEA team, based on a proof of concept made by Eau de Web
  + All thematic websites will share the same “portal toolkit” and split the costs of making and maintaining the portals. Data will be kept in the [EEA dataservice](http://discodata.eea.europa.eu) and used for various graphical representations in FISE, BISE, WISE, ClimateAdapt and Energy Union
  + Graphs, charts in geodatabases can now be retrieved and displayed via dynamic tiles, used to build factsheets around the portal
* Once we have the approval from DG ENV for the web design, EdW will develop a branding manual, including logo; currently in the process of making the design now “pixel perfect” – align on the right colours
* Next focus will be on the search function – we need to agree on how to develop this further. Idea to separate the NFI from other data into separate tabs and ask users to choose the country first

**2) Tracasa presentation:**

* Advances on the web application and a step back on content. Currently need to solve and validate the basic forest area issue
* Step 1: map creation
  + Concentrate on the forest basic information
  + The content following the concept note from 2019-09-20 will be used
  + For forest area, use the files provided by the JRC, both CLC and HRL
  + Forest cover change is still in progress, not shown during the meeting
* Step 2: web applications development
  + Playing with end user functionalities with test data structure
  + Will work on integration of maps on the EEA services [discomap](http://discomap.eea.europa.eu) and [discodata](http://discodata.eea.europa.eu); use the REST SQL endpoint for all tabular data in both the portal and map viewers
  + Working on improving the data integration solution and visualisations into the portal pages. Integration with ESRI considered as adequate after technical discussions
  + The maps and visualizations will process parameters e.g. Romania map with multiple layers taken directly from the portal – how to zoom in and out, click on a link to display full screen etc.
  + Web applications should follow the standards for web apps included on EEA’s portals (DIS2 governance - Jan Bliki) that also apply to FISE

**3) Discussions on country pages:**

* Definition of the format for the country pages discussed and agreed with the participants (figure from the flipchart below)
* Maps integrated from the EEA service will be provided at country level and NUTS3 level
  + Forest area information
  + Forest area change based on CLC to have the time series as in the MAES
  + Presenting both CLC and HRL Forest layers (relevant for the current discussion at European level on reforestation and afforestation)
* Important to flag the data sources for each country – link to country NFI data on the portal and on the country fact sheet
* Forest patches: draw pie chart per region as % of total area (forest area or country area?)
* Then group the patch classes into three categories:
  + small patches <25ha
  + medium patches 25-10.000 ha
  + large patches >10.000
* Produce a map of small patches – patch classes only on fact sheet. For each group, sum the total area covered and figure out the percentage of total forest area they represent.
* For the map, stick to showing the only small patches percentage, and colour the regions accordingly. No charts on the map itself.

**4) BACK TO PORTAL CONTENT**

* “Knowledge” should refer to research projects and studies e.g. EFI SINCERE, EUFORGEN, LIFE projects
* “Tools”: include JRC Guidos tools, applications developed by JRC and others
* Background maps: Cristina showed interest in displaying companion background layers to the NUTS-based statistics. A button will allow users to switch backgrounds on and off. The layers used will be:
  + For CLC-based statistics, the CLC layer for that year, showing only the 3 forest classes
  + For HRL-based statistics, the HRL layer for that year as-is
  + Add EU28 average and total to the data tables showing in the map
* More text on the factsheets - ABB/EEA task

**5) Other**

Next year Version 2 of FISE prototype will focus on forest biodiversity using existing information at the EEA:

* Art 17
* Protected forest areas (Natura 2000 and CDDA)
* Forests in water protection areas

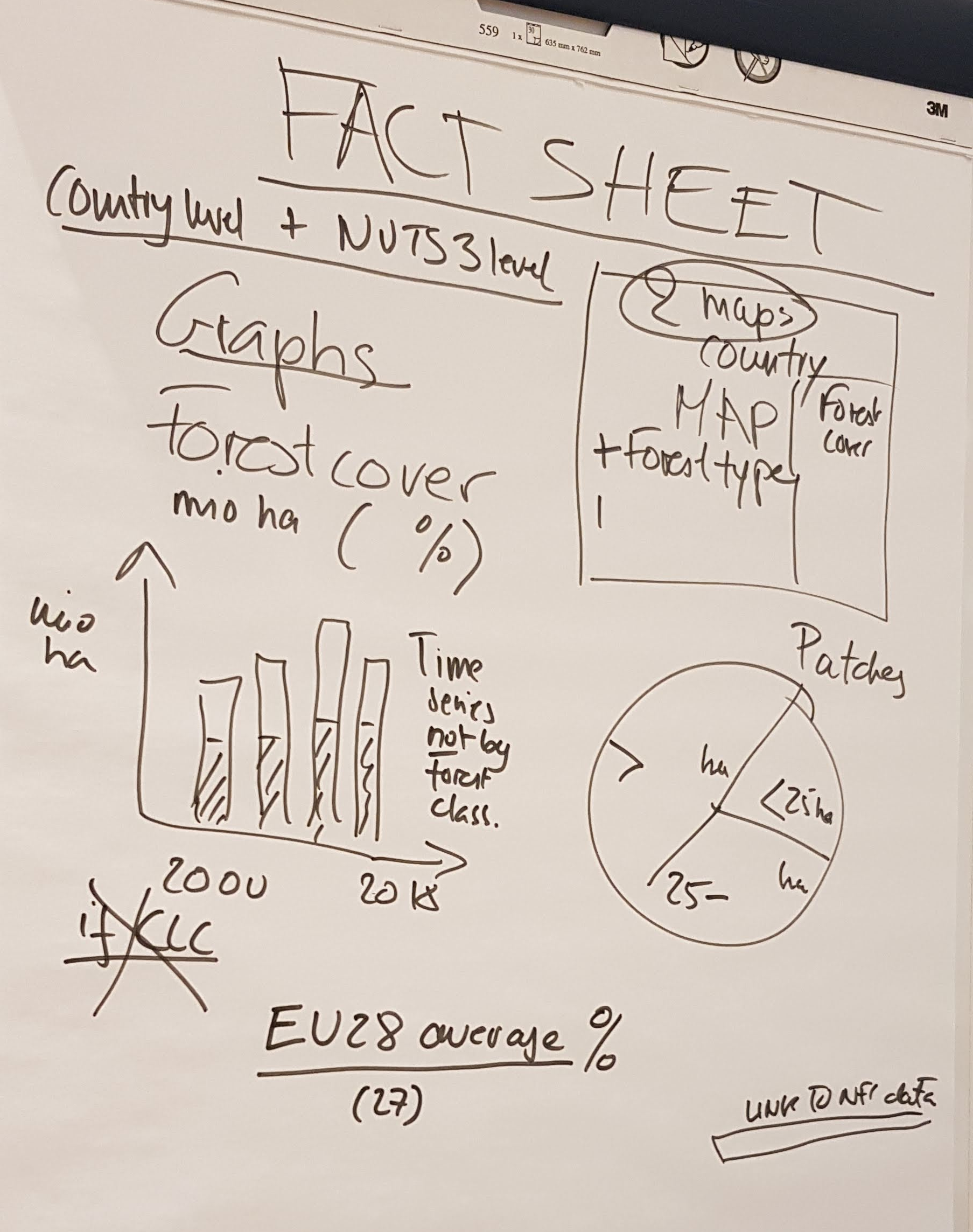


Figure 1 – Country factsheet