



MISSION REPORT

<b>Distribution:</b> CCB, SMT, UNEP UN-REDD	<b>Name of person(s) that undertook mission:</b> Blaise Bodin (BB), Kerstin Brauner (KB)
	<b>Period (including travel days):</b> 12/04/2015 – 18/04/2015
	<b>Projects:</b> 6400 Congo Brazza/ 2650.07.E UN-REDD
	<b>Institution(s) or Meeting(s) and Venue(s):</b> <ul style="list-style-type: none"> <li>• FAO, Rome</li> </ul>
	<b>Main Person(s) contacted:</b> Dabney Matoko, Lil Teddy Diackabana, Carine Milandou (CNIAF) Maria Sanz Sanchez, Marieke Sandker, Anne Branthomme (FAO)
<b>File(s):</b>	<b>Objective(s):</b> <ol style="list-style-type: none"> <li>1. Finalize mapping products on multiple benefits in the Republic of Congo with national participants from the Centre National d’Inventaires et d’Aménagements Forestiers and review methodologies developed during the project</li> <li>2. Agree on format for the maps and report</li> <li>3. Exchange with the national team in charge of the National Forest Inventory on the opportunity to use the data for the mapping of multiple benefits</li> </ol>

**Achievement of objectives:**

1. **Finalize mapping products on multiple benefits in the Republic of Congo with national participants from the Centre National d’Inventaires et d’Aménagements Forestiers and review methodologies developed during the project**
2. **Agree on format for the maps and report**

The training session was opened by Mrs Maria Sanz Sanchez, Head of FAO UN-REDD, who expressed her welcome and offered some recommendations for both national teams on the study of multiple benefits and the national forest inventory.

The agenda for the week was discussed with the participants, with both teams agreeing on a joint meeting format, to review progress through the week and highlight potential for use of the IFN data for mapping purposes.

The session started with a review of progress by CNIAF on the mapping products against the workplan agreed at the last Brazzaville work session. A review of the available data ensued to ascertain the right version of each dataset was then conducted. Several datasets required modifications, with the removal or edition some of the polygons. The resulting verified datasets were compiled in a database with clear instructions for the addition of new data.

Over the following days the following GIS techniques were applied to the mapping products to be finalized.

- Database and adding pathnames + protocol
- Multiple map frames
- Save image as part of the document
- Create a rectangular text box
- How to create value no data (symmetrical difference)
- Difference between merge, union and append
- Extract by mask for the creation of multiple colour ramps on the same raster
- Formatting a set of data items by changing the size and colour

In addition, throughout the week, presentations were held by FAO experts to the group of national experts:

- Marieke Sandker (FAO UN-REDD): presented on the value of mapping and modelling tools for the development of reference levels
- Renato Cumani (FAO, the Natural Resources Management Division): Presentation of GAEZ portal data on agro-ecological potential
- Sally Bunning (FAO, the Natural Resources Management Division): Joint discussion with the NFI team on national land use processes. The relevance of the NFI for this purpose was discussed.

Final drafts of the following maps were produced:

- Définition légale de la forêt
- Potentiel en carbone
- Potentiel pédologique et agricole (d’après ORSTOM 1985) :
- Potentiel du service écosystémique de contrôle de l’érosion des sols
- Potentiel faunique

### 3. Exchange with NFI team

The meetings with the team of NFI highlighted the value of being able to display these results in the form of maps to make them more accessible and allow them be taken into account in decisions at national level. Various data representation proposals were discussed and a representation by point size variation was recommended

CNIAF participants however expressed concern with the fact that the NFI was yet to be nationally validated and that the data should not be used to derive products such as maps prior to this validation.

#### Recommendation(s)/Action(s) to be taken:

**Follow up action:**

Follow-up with the National Coordinator on the status of the validation of the NFI data

**Responsible**

BB

**Time-frame (by)**

Done

<b>Detailed report</b> [ ] incl. [ ] N/A.	<b>Documents</b> [ ] incl. [ ] list [ ] non	<b>Date</b>
---	---	-------------

<b>Classification</b> <input type="checkbox"/> restr. <input type="checkbox"/> unrestr.	<b>Signature(s) staff member(s)</b>	<b>Signature(s) supervisor</b>