SADC-JICA PROJECT FOR FOREST CONSERVATION AND SUSTAINABLE MANAGEMENT OF FOREST RESOURCES IN SOUTHERN AFRICA

USE OF THE RESULTS OF FIS/FFM TRAINING

IN MADAGASCAR

Presented by

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USE OF THE RESULTS OF FIS/FFM TRAINING IN MADAGASCAR

PLAN

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I. Context

The biodiversity of Madagascar: one of the world's hottest hotspots on its way out

- high biodiversity and high degree of endemism,

- but also ongoing loss of the original primary vegetation

⟶ Critical degree of vulnerability of Madagascar's littoral forest, western dry deciduous forest, and evergreen forests of the high plateau

I. Context

Threats to Madagascar forest resources

- Deforestation and habitat destruction

- Agricultural and forest fires

- Erosion and soil degradation

- Overexploitation of living resources including hunting and poaching

- Introduction of alien species

Conservation efforts

- Conservation efforts are low compared to the annual rate of ecosystem loss

- Due to their fragmented nature, these ecosystems urgently require reinforced conservation programs

II. Use of the results of FIS/FFM training

- GIS results help us in decision making because we can have: forest area, forest cover change and forest volume

- The forest maps were digitized and a forestry inventory can be updated constantly

- GIS provides us a way to manage and manipulate our databases

- The individual maps that need current information due to forest harvesting or forest fires can be updated

II. Use of the results of FIS/FFM training

- GIS has improved forest inventory data thus enabling foresters to improve forest conditions, plan adequately for the short and long term,

- Skills and knowledge gained from the training, study tour and participants exchange enable us to better contribute to efforts toward conservation and sustainable management of forest resources

- The results of the training improve our capacity in forest information system and integrated forest fire management

We didn't really have the opportunity to practice the skills because of the:

- Frequent change of decision makers due to Government change: no continuity of the activities (4 Ministers and STAFF during all the project)

- Insufficient means for carrying out activities mainly at regional level
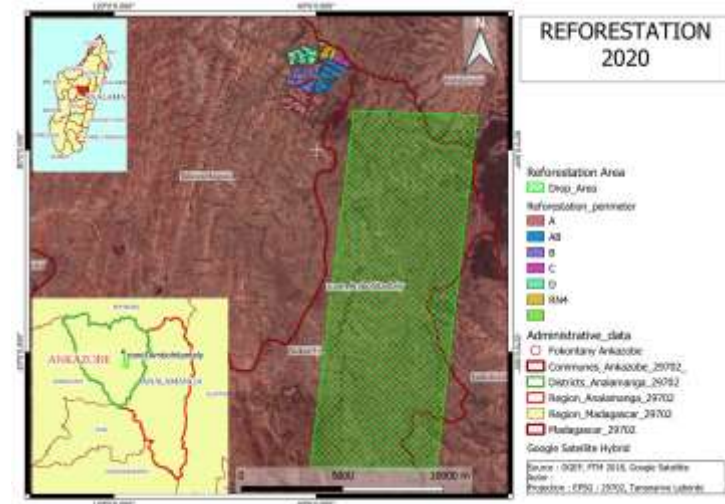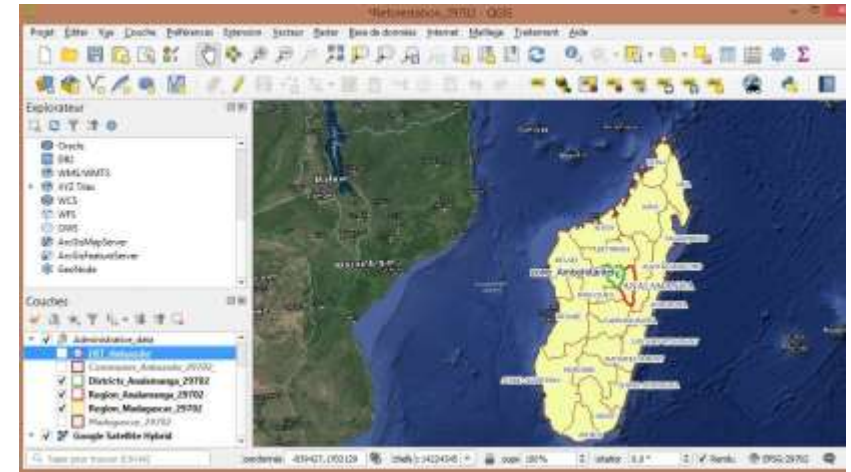
- Low connexion speed

III. Present states

However, there are a some activities that we did like:

- Reforestation plot mapping for the official launch of the 2020 reforestation campaign in collaboration with the Directorate in charge of the reforestation

- Awareness carried out at community level on the negative impacts of forest fires

IV. Future plan

- Convince decision-makers:
    - on the importance and the need to improve the conditions required to ensure the sustainable management and conservation of forest resources
    - so that the necessary means are available and adequate for the application and sharing of knowledge

- Do more practices using QGIS software and tablets and share skills with our colleagues

- Awareness will be part of the activities to be undertaken during each field trip

- Big opportunity for Madagascar to be part of the project

- Many skills and experiences has received during the project through the training and exchange between the participants

- It is our turn to do the best to practice, and to make it real

- Hope that the project will continue

Thank you for your attention

Misaotra Tompoko