

Forest Management

Name of the Project: Kikonda Forest Reserve
Project code: UG-KFR

Management Objectives



The objectives of the *project* must be described.

The objectives of the Kikonda project are:

- Sustainable sequestration of CO₂ with the trees.
- The production of wood for the national markets of timber and energy wood.
- The conservation of biodiversity.
- Improving the economical situation of the surrounding villages.

global-woods has the aim to bring together ecology and economy. By investing long-term in Uganda this objective can be reached. As sustainability is the key word for long-term investment, special emphasis is put on the social environment of the project. Only if the people surrounding the project gain benefits from it, it can persist over generations.

If the information above has any references, please state their title(s).

Reference documents must be uploaded in the respective attachment folder, reference pictures on the project specific website.

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and



The following key figures must be given:

- Area (ha) of the *project area*
- Area (ha) of foreseen *planting area*
- Area (ha) of foreseen *eligible planting area*
- Area (ha) of *nature conservation area*


- 12,181 ha
- 8,229 ha – planted up to the year 2022
- 7,321 ha
- 3,575 ha

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Management of Nature Conservation Area

 For the *nature conservation area(s)* a description of the selected IUCN management category(ies) and its (their) implementation must be given. One or several of following categories can be selected: I, II, III, IV or V - see guideline 'IUCNcategories'. GUIDELINE: IUCNcategories

The *nature conservation area(s)* can consist of different ecotypes (bush, grassland, swamp, etc.).

Which category has been selected? **IV – Habitat / Species Management Area** and -

Give a short description of the category(ies):

Category IV aims to manage the area in a way to ensure long term protection and maintenance significant features of the environment where these require specific human manipulation for optimum management. For the project area the aim is to protect the fauna and flora against illegal activities such as depletion or unsustainable charcoal burning which harm the ecological biodiversity.

Describe how you will implement this type of management:

Overall the Kikonda project has assigned 3,575 ha to be managed according to the IUCN category IV. According to the analysis of the satellite picture of 2006 presented in the chapter Eligibility, 2,569 ha from this area are classified as Natural Forest and 1,006 ha as Wetlands. They are delineated according to the map shown in chapter "Eligibility"

In addition the Internal Management Plan "Clearance" provides a procedure saying, that before any land clearance is done, it has to be checked if and how this clearance affects the overall biodiversity of the project.

Natural Forests

After ensuring sufficient protection, it is aimed to carry out enrichment plantings with local trees species within the Natural Forests. These trees shall enhance the long-term value for the forests sustainable use. For the enrichment planting no regular spacing is used as the trees will be planted in between the already existing trees. Seeds for enrichment planting are procured from the National Tree Seed Center or collected in surrounding forests.

All the plants raised for underplanting will be raised according the best nursery practices to enable the plant to grow up to 1.5-3m within the first 18 months. Slow starters like *Albizia coriaria* and *Prunus* may not reach that height, but are relatively more shade tolerant than many fast growing species.

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Any successful underplanted trees will depend on how frequently they are maintained. Climbers may need to be cut back, removed from planted trees monthly during the first year in some places. After trees develop crowns and shade the ephemeral climbers drop out. However woody climbers continue to be removed for a long time till the tree is large and old enough to compete favourably with them, even when they can climb up to the top.

Wetlands




The conservation area of Wetlands will be protected from fires by fire breaks. No further human activities will be implemented.

If the information above has any references, please state their title(s).

Reference documents must be uploaded in the respective attachment folder, reference pictures on the project specific website.

"IMP-clearance.doc"

Management of Planting Area

  and  The *project owner* must describe the following characteristics about the tree species planted on the *eligible planting area*:

- a. Origin and distribution of the tree species (indicate if the species is native or not)
- b. Provenance of the seeds
- c. Main purpose / use of trees
- d. Possible pests and diseases
- e. Time when forest products are foreseen to be used

	Name (English, Latin and if possible local language)	Origin and distribution	Provenance	Main purpose / Use of trees	Possible pests and diseases	Time of use
1	Caribbean pine; <i>Pinus caribaea</i>	Non-native Caribbean islands	Queensland, Australia	CO ₂ -fixation, Construction and furniture timber	Fungus (Armillia), Insects (Sirex wood wasp, Termites)	After 15-20 years
2	<i>Pinus oocarpa</i>	Non-native Chihuahua, Mexico, Guatemala	Uganda	CO ₂ -fixation, Construction timber	Fungus (Armillia), Insects (Sirex wood wasp, Termites)	After 15-20 years
3	<i>Maesopsis emminii</i>	Native East Africa	Uganda	CO ₂ -fixation, Timber for furniture	Browsing, Windcut	After app. 25 years
4	<i>Eucalyptus grandis</i>	Non-native Australien	Uganda	CO ₂ -fixation, Timber for furniture	Termites	After app. 20 years
5	-	Please select	-	-	-	-

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6	-	Please select -	-	-	-	-
7	-	Please select -	-	-	-	-
8	-	Please select -	-	-	-	-
9	-	Please select -	-	-	-	-
10	-	Please select -	-	-	-	-
11	-	Please select -	-	-	-	-
12	-	Please select -	-	-	-	-
13	-	Please select -	-	-	-	-
14	-	Please select -	-	-	-	-
15	-	Please select -	-	-	-	-

If the information above has any references, please state their title(s).

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  The *project* must describe the following steps of its technical implementation:

- | | |
|--|----------------|
| a. Nursery | e. Maintenance |
| b. Land preparation (incl. lining out / spacing) | f. Pruning |
| c. Planting | g. Thinning |
| d. Beating up (replacing of the seedlings) | h. Harvesting |

If Standard Operational Procedures (SOPs) exist for the *project* describing the technical procedures, these can be uploaded as attachment. In this case, no additional description is required.

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Do Standard Operational Procedures exist for the *project*? **Yes**

If so, what is the title of the document(s)?

"Kikonda - Internal Management Plans (IMP).zip"

If not, please describe in detail the implementation techniques:

Nursery

-

Land preparation

-

Planting

-

Beating up

-

Maintenance

-

Pruning

-

Thinning

-

Harvesting

-

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