



Project Logical Framework

Project Title	Conservation of threatened tree species in three Tropical Important Plant Areas (TIPAs) of Guinea			
Organisation	Royal Botanic Gardens, Kew (RBGK)			
Goal: Improve the <i>in situ</i> conservation status of all 27 globally threatened (CR and EN) tree species in Guinea, by focusing on 13 target tree species which occur in three Tropical Important Plant Areas (TIPAs) in Guinea.				
Expected outcomes(s): Action taken to protect, and to reverse losses in numbers of Guinea’s threatened tree species through local community planting and by fire-break creation and maintenance projects, incorporation of threatened CR/EN indigenous species in government reforestation projects and by listing all 27 Guinea EN/CR tree species as protected by government statute. Raise national awareness especially amongst schoolchildren that a) Guinean rare and endemic tree species exist, and b) are highly threatened and should be protected.				
Objectives	Results	Activities	Indicators	Budget requested to achieve objective
Objective 1 By growing trees at the HNG-UGANC nursery and in school and village nurseries, increase by 10% in 3 yrs, the numbers of known individuals of, and reduce threats by fire to species by 50% for 13 globally EN/CR tree species in three Tropical Important Plant Areas in Guinea.	<p>R.1.1 Three tree nurseries established in schools and villages of local communities that border each of the three target TIPAs, and the nursery enhanced at HNG-UGANC, by end Yr 1.</p> <p>R.1.2 Seed collecting of 13 EN/CR tree species delivers 1800 seeds for propagation in</p>	<p>A.1.1.1 Local communities consulted, agree, and designate areas in schools and villages for tree nurseries, agree terms to provide labour, and construct.</p> <p>A.1.1.2 Equipment and materials for constructing nurseries bought by the project and supplied to communities.</p> <p>A.1.1.3 Training given to communities in nursery construction and maintenance, correct use of materials and plant propagation, supported by RBGK and AGEDD.</p> <p>A.1.2.1 Existing data reviewed and used to plan location and</p>	<p>Number of globally threatened trees benefiting from conservation action (global): 27</p> <p>Number and categories of direct beneficiaries benefiting from various type of education and training (global): 10 MSc students, 9 teachers, 12 partners, 15 ecoguards/foresters.</p> <p>Exit Strategy (ES): Building capacity in local stakeholders and communities to continue conservation activities</p>	£192500

	<p>nurseries, by end Yr 1 and end Yr 2.</p> <p>R.1.3 Tree nurseries produce 250-300 seedlings of EN/CR trees annually at yr 1.5 and yr 2.5 for enrichment planting with protection from firebreaks in habitat, for incorporation in reforestation programmes, for planting in arboreta, botanic gardens, local schools (with interpretation to educate), and for sale to the gardening public.</p> <p>R.1.4 Fire breaks installed and maintained to protect further losses at key sites of CR/EN trees species within the 3 TIPAs in the first 6 months and monitored annually in November before the main fire season.</p>	<p>timing of seed collection of 13 EN/CR tree species.</p> <p>A.1.2.2 Authorisation obtained to collect seed, collection missions executed, seed obtained and delivered to nurseries.</p> <p>A.1.3.1 Local community nurseries monitored weekly by phone reports and monthly inspections during propagation phase January-June to ensure plants available for planting in June of Y2.</p> <p>A.1.3.2 Germination patterns and growth rates monitored at the HNG-UGANC nursery to develop protocols for use in future propagation.</p> <p>A.1.4.1 Community meetings to agree to accept fire-breaks held at project inception; agreement on which community members designated to create the fire breaks with advice and supervision from project staff and partners, location of fire-breaks agreed, implementation schedule agreed (MEEF, AGEDD) and progress monitored during monthly visits.</p>	<p>Number and categories of direct beneficiaries (Training in sustainable livelihood; project level): 200 community members across 10 communities</p> <p>Number of globally threatened trees benefiting from ex-situ conservation action (global): 13 Number of mature individuals of threatened trees protected in-situ (global): data not currently available.</p> <p>Number of seedlings of threatened trees planted and/or protected (global): 500 Number of seedlings with appropriate genetic diversity planted and associated survival rate (project level/short-term): 250-500</p> <p>Number of hectares of protected areas with strengthened management of threatened trees diversity (global): 11055 ha</p>	
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		A.1.4.2 Equipment and training supplied by project to local communities to enable creation of fire-breaks.	ES: Involvement of government agencies to continue the project. ES: Project interventions are integrated into other long-term initiatives, involving government	
Objective 2 Through ongoing close cooperation with the Guinean government's Ministère de l'Environnement des Eaux et Forêts (MEEF) and our other in-country partners, achieve policy change on in situ conservation of globally threatened tree species in Guinea through the creation and acceptance of a National Action Plan which will provide official protected status for the 27 globally threatened (CR and EN) tree species in Guinea, and which will include them in forest reforestation programmes. As part of the proposed project, we will ensure direct implementation of this National Action Plan in the Guinée Maritime region.	R.2.1 National Action Plan to recommend inclusion of indigenous tree species including EN/CR species nationwide in reforestation programmes, by end Yr1.5 R.2.2 Inclusion of indigenous CR/EN tree species in three Guinée Maritime province tree replanting programmes, agreed with managers, by end Yr 1, implementation begun, by end Y2. R.2.3 National Biodiversity Strategy (Monographie National) includes the 27 EN/CR threatened tree species and national protected status provided, both by end Yr 2, to protect them nationally in law,	A.2.1.1 The existing Working Group for Conservation Action plans (CAP) and TIPAs to write a CAP for each of the 27 threatened trees species in Guinea to international standards, with recommendations to plant threatened EN/CR tree species as part of current reforestation programmes run by MEEF. A.2.2.1 CAP advise on and negotiate channels to gain acceptance of action plan by reforestation programmes. A.2.2.2. Engage local forestry units and NGOs to propagate threatened indigenous species and include in their plantation mixes. A.2.3.1 List of 27 threatened EN/CR tree species with justification developed for inclusion in National Biodiversity Strategy and for national protected status.	Number of hectares with strengthened law enforcement activities focused on illegal logging (global): 56210 ha Number and categories of direct beneficiaries (support for strategic planning; project level): 12 members of the CAP working group (includes academics, NGOs and Government representatives). Number of Tree Conservation Action Plan published (global): 1 overarching national CAP for 27 species. Number and categories of direct beneficiaries (writing manuals; project level): 6 project partners ES: Project interventions are integrated into other long-term initiatives, involving government	£39950

	enforcement invigilated by MEEF.	A.2.3.2 Workshops held by CAP at HNG-UGANC to develop documents needed for incorporation by government into legislation.		
Objective 3 Create public awareness, especially amongst schoolchildren, to the fact that: (1) Guinean rare and endemic tree species exist, and (2) are highly threatened by human activities and should therefore be protected to ensure a healthy environment which provides ecosystem services.	R.3.1 Incorporation of key facts on Guinea’s 27 EN/CR tree species in a new expanded and revised edition of the Guide to the Threatened species and Habitats for Secondary School Teachers, by end Yr 2. R.3.2. Awareness built in local schools and communities by creating gardens of rare plant species and distribution of improved cook stoves.	A.3.1.1 Project team, with input and review from the Working Group for Conservation Action Plans, in consultation with the Guinean Ministry of Secondary Education, draft text for revised edition. Engage designer and printer to produce copies for dispersal through secondary schools. A.3.2.1. Creation of three school gardens and tree planting groups to plant and care for newly planted areas. Improved cook stoves distributed to reduce wood consumption for cooking. A.3.2.2. Competition to create an emblem for the project based on the target tree species with the local schools, with the aim to use this emblem for t-shirts etc. to promote the project and engagement with the target species.	Number and categories of direct beneficiaries of awareness raising actions (global): 500 local community participants and project partners. Number and categories of direct beneficiaries (Awareness programmes; project level): 150 Number and categories of direct beneficiaries (Workshops; project level): 300 Number and categories of direct beneficiaries (cooking stoves or biogas; project level): 200 ES: Outcomes influencing long term changes in behaviour and local attitudes	£39996
TOTAL BUDGET REQUESTED				£272446

Activities	Nb of months required	Year 1				Year 2				Year 3			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
R.1.1 Tree nurseries established in schools of local communities in buffer zones at each of 3 TIPAs, and nursery enhanced at UGANC.	9												
A.1.1.1 Local communities consulted, agree, and designate areas in schools for tree nurseries, agree terms to provide labour, and construct.	3												
A.1.1.2 Equipment and materials for constructing nurseries bought by project and supplied to communities.	1												
A.1.1.3 Training given to communities in nursery construction and maintenance, correct use of materials and plant propagation, supported by RBGK and AGEDD.	9												
R.1.2 Seed collecting of 11 EN/CR tree species delivers 1800 seeds for propagation in nurseries by end Yr 1 and end Yr 2.	48												
A.1.2.1 Existing data reviewed and used to plan location and timing of seed collection of 11 EN/CR tree species.	2												
A.1.2.2 Authorisation obtained to collect seed, collection missions executed, seed obtained and delivered to nurseries.	12mths over 2 years												
R.1.3 Tree nurseries produce 250-300 seedlings of EN/CR trees annually at yr 1.5 and yr 2.5 for enrichment planting with protection from firebreaks in habitat, in national arboreta and botanic gardens, local schools (with interpretation to educate) for sale to the gardening public, and for incorporation in reforestation programmes.	30												
A.1.3.1 Local community nurseries monitored weekly by phone reports and monthly inspections during propagation phase Jan-June to ensure plants available for planting in June of Y2.	12												
A.1.3.2 Germination patterns and growth rates monitored at the UGANC nursery to develop protocols for use in future propagation.	12												
R.1.4 Fire breaks installed and maintained to protect further losses at key sites of CR/EN trees species within 3 TIPAs in first 6 months and monitored annually in November before the main fire season.	6												
A.1.4.1 Community meetings to agree to accept fire-breaks held at project inception; agreement on which community members designated to create the fire breaks with advice and supervision from project staff and partners, location of fire-breaks	6												

agreed, implementation schedule agreed (MEEF, AGEDD) and progress monitored during monthly visits.													
A.1.4.2 Equipment and training supplied by project to local communities to enable creation of fire breaks.	3												
R.2.1 National Action Plan to recommend inclusion of indigenous tree species including EN/CR species nationwide in reforestation programmes by end Yr1.5	9												
A.2.1.1 The existing Working Group for Conservation Action plans (CAP) and TIPAs to write a CAP for each of the 27 threatened trees species in Guinea to international standards, with recommendations to plant threatened EN/CR tree species as part of current reforestation programmes run by MEEF.	9												
R.2.2 Inclusion of indigenous CR/EN tree species in 3 Guinée Maritime province tree replanting programmes, agreed with managers by end Yr 1, implementation begun by end Y2.	21												
A.2.2.1 CAP advise on and negotiate channels to gain acceptance of action plan by reforestation programmes.	6-9												
A.2.2.2. Engage local forestry units and NGOs to propagate threatened indigenous species and include in their plantation mixes	21												
R.2.3 National Biodiversity Strategy (Monographie National) includes the 27 EN/CR threatened tree species and national protected status provided, both by end Yr 2, to protect them nationally in law, enforcement invigilated by MEEF.	24												
A.2.3.1 List of 27 threatened EN/CR tree species with justification developed for inclusion in National Biodiversity Strategy and for national protected status.	24												
R.3.1 Incorporation of key facts on Guinea’s 27 EN/CR tree species in new expanded and revised edition of the Guide to the Threatened species and habitats for Secondary School Teachers by end Yr 2.	9												
A.3.1.1 Project team, with input and review from the Working Group for Conservation Action Plans, in consultation with the Guinean Ministry of Secondary Education, draft text for revised edition. Engage designer and printer to produce copies for dispersal through secondary schools.	9												
R.3.2. Awareness built in local schools and communities by creating gardens of rare species.	12												
A.3.2.1. Creation of three school gardens and tree planting groups to plant and care for newly planted areas. Improved cook stoves distributed.	12												
A.3.2.2. Competition to create an emblem for the project based on the target tree species with the local schools, with the aim to use this emblem for t-shirts etc. to promote the project and engagement with the target species.	6												

