

ANNEX 1: Report of progress and achievements against Logical Framework for Financial Year: 2008/9

•Project summary	•Measurable Indicators	•Progress and Achievements April 2008 - March 2009	•Actions required/planned for next period
<ul style="list-style-type: none"> • Goal: To draw on expertise relevant to biodiversity from within the United Kingdom to work with local partners in countries rich in biodiversity but constrained in resources to achieve • The conservation of biological diversity, • The sustainable use of its components, and • The fair and equitable sharing of the benefits arising out of the utilisation of genetic resources 		<ul style="list-style-type: none"> • Continued supporting and engaging with THPs • Final species list – near completion • Continued building plant stock • Distribution of plants – THPs & schools • In-house training of UTP staff & facilitators • Partnership agreement between Rhodes against specific outputs • Funding agreements 	<ul style="list-style-type: none"> • Complete phase 4 of pilot cultivation • Continue to develop remaining courses • Expand stock for training against final list • Integration into schools • Small training & staff facility built on site (pending agreement on EU funding) • Chemical fingerprinting & authentication training • Roll out of cultivation training
<ul style="list-style-type: none"> • Purpose: Support and enhance sustainable plant-based livelihoods that are underpinned by biodiversity within the Eastern Cape 	<ul style="list-style-type: none"> • Input from beneficiaries to tailor project in each targeted area & community • Behavioural change in related plant based practices in target area • Indigenous plants produced to secure a sustainable supply for training, growers and supply of stock to micro-nurseries • Beneficiaries trained in Indigenous Plant Cultivation course, Micro-nursery pilot, Agri- business courses Developed • Issues identified around the sustainable traditional uses and appropriate recognition of plant 	<ul style="list-style-type: none"> • Relationship with 3 THP Associations in target area maintained • Support for establishment of first THP ex situ site • 70 % of required plants to supply training secured • Support for establishment of THP co-operative • Advocacy workshops around safe-use with THP delivered • Raft of advocacy issues fully consulted on, and agreed with THPs 	<ul style="list-style-type: none"> • Expand consultation to build relationships, including Port Alfred & Bathurst associations • Seed collection, propagation and stock expansion • Content development of Micro-nursery course • Content development of Agri-Entrepreneurship course • Complete pilot Indigenous Plant Cultivation Course • Further propagation and Cultivation of target species based on final list • Roll out cultivation training

	<p>based rights and practices</p> <ul style="list-style-type: none"> • Physical construction of nursery, processing, demonstration & training areas 	<ul style="list-style-type: none"> • • Maintenance of secure nursery site, housing project stock • 	<ul style="list-style-type: none"> • Roll out of advocacy course • Incorporate ecology & biodiversity section (ph 1) into schools training • Extend facilities at the nursery to include additional growing space (shade & stand-out) & training areas
<ul style="list-style-type: none"> • Output 1. Production of indigenous plants to secure a sustainable supply for training for growers and supply of stock to micro-nurseries 	<ul style="list-style-type: none"> • Purchase site • List of target species for training • Operational nursery • Inventory of 1000 seedlings of 10-15 different medicinal plant species supplied to participants • Appropriate cultivation technologies developed and documented for 30 target species 	<ul style="list-style-type: none"> • With the more recent expansion of the list to 49 species (still undergoing final checks) seed collection and propagation will now need to be extended to include these species. • 1 ha nursery has been maintained to securely host collections and stock expansion to service training needs. • Propagation techniques trialled & documented • Indicators remain appropriate. This output is 89% complete 	
<ul style="list-style-type: none"> • Activity 1.1. Secure a site and necessary authorizations for establishing a nursery and training facility 		<ul style="list-style-type: none"> • 100% complete. Site was purchased in year 1 and the environmental management plan has been approved. 	
<ul style="list-style-type: none"> • Activity 1.2. Identify target species through research and engaging THPs for input into the selection of target species 		<ul style="list-style-type: none"> • 95% complete. Target species list has undergone final consultation, and is now 'complete' for the purposes of the foundation phase. Final checks against changing nomenclature and conservation lists underway. 	
<ul style="list-style-type: none"> • Activity 1.3. Establish 1 ha nursery site (to secure a sustainable supply of medicinal plants for training) 		<ul style="list-style-type: none"> • 100% complete. Site is now complete – solar powered electrified fencing in place, 2 shade houses erected, and additional drainage to mitigate impact of storm water. Planting on site is ongoing to protect from prevailing wind & other elements. 	
<ul style="list-style-type: none"> • Activity 1.4. Supply cultivated stock for training 		<ul style="list-style-type: none"> • • 60% completed – due to changing requests, and increased final species list. • 	
<ul style="list-style-type: none"> • Activity 1.5. Develop appropriate technologies for cultivation and propagation of target species 		<ul style="list-style-type: none"> • 90% completed with documentation of successes and failures. • Permit renewal required to increase stock, and other sources to be explored. before propagation is restarted 	

<ul style="list-style-type: none"> ● Output 2. Beneficiaries trained in Indigenous Plant Cultivation pilot. Micro-nursery and Agri-entrepreneurship courses developed. 	<ul style="list-style-type: none"> ● Peer-reviewed training material Indigenous Plant Cultivation, Micro-nursery and Agri-entrepreneurship course ● Revisions to pilot training material ● Pilot training conducted ● Feed back of participants ● Monitoring system in place 	<ul style="list-style-type: none"> ● Training material for Indigenous Plant Cultivation course has been largely developed ● Revision of materials is now underway with Rhodes EE. ● Participant feedback from pilot cultivation delivered is underway – with a questionnaire shortly to be received from all participants to inform the abovementioned revisions of phase 4 (general cultivation). ● Facilitation materials and coursework for other courses are being collated to feed in to development process ● Monitoring tools have been developed ● Indicators remain appropriate. This output is 56% complete.
<ul style="list-style-type: none"> ● Activity 2.1. Develop cultivation training course with input from THPs and other key experts 	<ul style="list-style-type: none"> ● 90% completed; training material for phase 1-4 have been developed ● Revision of phase 4 with Rhodes EE. 	
<ul style="list-style-type: none"> ● Activity 2.2. Develop micro-nursery course with input from THPs and other key experts 	<ul style="list-style-type: none"> ● 20% completed; course has been broadly planned within the overall Africulture model – with some repetition from Gen Cult Course, and propagation information from nursery trials and other sources integrated with the final list now in place. 	
<ul style="list-style-type: none"> ● Activity 2.3. Develop agri-business course by amending and consolidating existing course material with input from key experts 	<ul style="list-style-type: none"> ● 20% completed; course has been broadly planned within the overall Africulture model – exploring the viability of specific materials against species selected. 	
<ul style="list-style-type: none"> ● Activity 2.4. Conduct pilot Indigenous Plant cultivation course 	<ul style="list-style-type: none"> ● 75% completed; phases 1-3 delivered . ● Phase 4 under revision before completing pilot. 	
<ul style="list-style-type: none"> ● Activity 2.5. Ongoing monitoring and evaluation of training programmes to inform updating training materials 	<ul style="list-style-type: none"> ● 75 % completed; awaiting feedback from THPs (questionnaire in progress) ● Phase 4 will be evaluated later. 	

<ul style="list-style-type: none"> ● Output 3. Advocating sustainable traditional uses and appropriate recognition of plant based rights and practices 	<ul style="list-style-type: none"> ● Identified key issues needing advocacy interventions ● Agreements in place with research collaborators ● Inventory of advocacy activities ● Outcomes of advocacy activities ● List of where and to whom information is disseminated to and which information is disseminated on information on practice and safe use pertaining medicinal plants ● Publication and broadcasting of project activities and outcomes (50 items) ● Number of species tested for chemical fingerprinting 	<ul style="list-style-type: none"> ● Advocacy issues have been identified in consultation with experts and THPs ● Agreements are in place with Rhodes EE and Pharmacy, with contributing research projects underway. ● Advocacy workshops around HIV and TMs have been delivered and outcomes monitored. Roll out is now underway. ● Advocacy sessions are being planned, with information expected from SANBI on remaining topics. ● With the final species list now nearing completion, extracts are being collected, with a protocol recently transferred from Kew to UTP. Kew will also begin with the corresponding extracts it already has in its living collection. ● Against related indicators, this output is 68% complete.
<ul style="list-style-type: none"> ● Activity 3.1. Research key issues needing advocacy interventions with input from THPs and other experts 		<ul style="list-style-type: none"> ● 100% complete; input on issues needing advocacy interventions gained from THPs in the pilot area, desktop research conducted on these issues
<ul style="list-style-type: none"> ● Activity 3.2. Engage in advocacy issues, including the Traditional Health practitioners Act, legal harvesting on private land and Indigenous knowledge protection 		<ul style="list-style-type: none"> ● 25% completed against 5 topics agreed upon; workshop conducted on indigenous knowledge protection & IKS protection are under design – awaiting information from SANBI.
<ul style="list-style-type: none"> ● Activity 3.3. Generate and disseminate information around practice and safe use around traditional plants 		<ul style="list-style-type: none"> ● 90% completed; with THP workshops around information sharing & dissemination on plant interactions & HIV/AIDS piloted. Information on plant interactions is now underway against final species list.
<ul style="list-style-type: none"> ● Activity 3.4. Information sharing and awareness raising associated with sustainable use of biodiversity 		<ul style="list-style-type: none"> ● 100%. Of 50 items to be published/broadcasted/presented on project activities and outcomes, and will continue into the extension period.
<ul style="list-style-type: none"> ● Activity 3.5. Chemical fingerprinting 		<ul style="list-style-type: none"> ● 25 % completed; Extracts now being collected. Analysis due to get underway with 24 plants on the final species list of 49, already in Kew’s Living Collection.

<ul style="list-style-type: none"> • Output 4. Information on changes in behaviour and plant use patterns arising from cultivation, training and advocacy activities 	<ul style="list-style-type: none"> • Number of trainees cultivating medicinal plants • Number of THPs trained using cultivated plant material • Number of THP stakeholders using cultivated plant material • List of wild harvested species which are now partly cultivated 	<ul style="list-style-type: none"> • Deepening relationship with THPs in the pilot area; • Development of monitoring mechanisms to measure the implementation of cultivation practices by trainees, • Uptake of use of cultivated materials, and replacement of wild harvested to be assessed once plants are mature enough for use. • Indicators remain appropriate. • Approx 27% complete – with much of the previous outputs feeding into this, we expect to have completed this by the end of the extension period.
<ul style="list-style-type: none"> • Activity 4.1. Measure the implementation of cultivation practices by trainees 		<ul style="list-style-type: none"> • 50% completed; • Monitoring mechanisms now developed and in place. • Questionnaire now with THPs. Once received, this activity will be complete.
<ul style="list-style-type: none"> • Activity 4.2. Measure uptake of use cultivated materials by THPs 		<ul style="list-style-type: none"> • 15% completed; • monitoring mechanisms developed • Uptake of use cannot be measured until plants are mature enough for use/harvest
<ul style="list-style-type: none"> • Activity 4.3. Survey to which extent cultivated material has replaced wild harvested material by trained THPs 		<ul style="list-style-type: none"> • 15% completed; • monitoring mechanisms developed • Replacement of wild harvested cannot be measured until plants are mature enough for use/harvest

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Project Goal: The Conservation of biodiversity through the development of alternative supply of natural resources and local resource use practice

Purpose: Support and enhance sustainable plant-based livelihoods that are underpinned by biodiversity in the Eastern Cape

Project summary	Measurable Indicators	Means of verification	Important Assumptions
<p>Develop training and advocacy programmes to support and enhance sustainable resource management & skills in the cultivation of traditionally used indigenous medicinal plants to reduce stress on wild plant populations; to supply cultivated indigenous plants; and to develop an infrastructure to generate project income for long term sustainability.</p>	<ul style="list-style-type: none"> • Input from beneficiaries to tailor project in each targeted area & community • Behavioural change in related plant based practices in target area • Indigenous plants produced to secure a sustainable supply for training, growers and supply of stock to micro-nurseries • Beneficiaries trained in Indigenous Plant Cultivation pilot, Micro-nursery, Agri- Entrepreneurship and Agri-Product Developed • Issues identified around the sustainable traditional uses and appropriate recognition of plant based rights and practices • Appropriate income generation streams created to reinforce project impact and contribute to long term project sustainability • Physical construction of nursery, processing, demonstration & training areas 	<ul style="list-style-type: none"> • Documented model for training & outreach • Documentation of meetings & reporting by stakeholders • Data collected indicating changes in behaviour and plant use patterns arising from cultivation, training and advocacy activities • Reports from partners & service providers • Documentation of site development planning and the physical structures on site • Photographs of activities and outcomes 	<ul style="list-style-type: none"> • Partners, stakeholders & beneficiaries remain committed to the process • Broad acceptance of cultivated medicinal plants • Community ownership enhances project outcomes • Harvesters make the transition to cultivated materials • THPs understand the impact of current behaviour and are willing and able to move to more sustainable practices • Project is able to supply the demand for indigenous seedlings generated by courses until micro-nurseries can take over supply • Building work completed within existing physical, time & financial constraints

Outputs	Activity	Indicator	Verifier	% Complete
1. Production of indigenous plants to secure a sustainable supply for training for growers and supply of stock to micro-nurseries	1.1. Secure a site and necessary authorizations for establishing a nursery and training facility	1.1. Site	1.1. Title deed and authorizations	1.1. 100% complete
	1.2. Identify target species through research and engaging THPs for input into the selection of target species	1.2. List of target species	1.2. Minutes of meetings and workshops conducted with THPS; List of research docs and other orgs & institutions contacted	1.2. 95 % completed; awaiting final checks (Kew, Tony Dold)
	1.3. Establish 1 ha nursery site (to secure a sustainable supply of medicinal plants for training)	1.3. Operational nursery	1.3. Plant stock, materials, site development plan, contractors' appointment documents, infrastructure, staff	1.3. 100 % complete
	1.4. Supply cultivated stock for training	1.4. Inventory of 1000 seedlings comprising of 10-15 different medicinal plant species supplied to participants	1.4. 5 groups received stock (1000 seedlings of 10-15 different medicinal plant species) + photographs	1.4. 60% Due to changing requests & increased list.
	1.5. Develop appropriate technologies for cultivation and propagation of target species	1.5. Methods developed and documented for 30 target species	1.5. Training material is available for 30 target species	1.5. 90% completed – allowing for additional species yet to be sourced.
2. Beneficiaries trained in indigenous plant cultivation pilot. Micro-nursery and agri-entrepreneurship courses developed.	2.1 Develop cultivation training course with input from THPs and other key experts	2.1. Peer-reviewed training material	2.1. Document and course work material	90% completed; training material for phase 4 under revision.
	2.2 Develop micro-nursery course with input from THPs and other key experts	2.2 reviewed training material	2.2. Document and course work material	20% completed; with some repetition with Gen Cult Course & propagation info

Outputs	Activity	Indicator	Verifier	% Complete
	2.3 Develop agri-business course by amending and consolidating existing course material with input from key experts	2.3 Reviewed training material	2.3. Document and course work material	20% completed; course has been broadly planned within the overall Africulture model – from existing courses
	2.4. Conduct pilot cultivation course	2.4.1 revisions to training material 2.4.2. Pilot training conducted 2.4.3. Feed back of participants	2.4.1. Revised training material 2.4.2. Attendance register 2.4.3. Recorded feed back of participants	75% completed; phases 1-3 delivered
	2.5. Ongoing monitoring and evaluation of training programmes to inform updating training materials	2.5. Monitoring system	2.5. Evidence that the monitoring system is applied	75 % completed; system in place, awaiting feedback from THP questionnaires, before commencing phase 4.
3. Advocating sustainable traditional uses and appropriate recognition of plant based rights and practices	3.1. Research key issues needing advocacy interventions with input from THPs and other experts	3.1. Issues identified	3.1. Documentation of workshops and minutes with research collaborators	100% complete; input on issues requiring advocacy interventions agreed with THPs in pilot area, desktop research conducted on these issues
	3.2. Engage in advocacy issues, including the Traditional Health Practitioners Act, legal harvesting on private land and Indigenous knowledge protection	3.2.1. Agreements in place with research collaborators 3.2.2. Inventory of advocacy activities 3.2.3. Outcomes of advocacy activities	3.2. Agreements with research collaborators, documentation on advocacy workshops and activities	25% completed; workshop conducted on indigenous knowledge protection & related legislation yet to be undertaken – awaiting SANBI info & materials
	3.3. Generate and disseminate information around practice and safe use around traditional plants	3.3. List of where and to whom information is disseminated to and which information is disseminated	3.3. Documentation of information disseminated	90% completed; with THP workshops around information sharing & dissemination on plant interactions & HIV/AIDS
	3.4. Information sharing and awareness raising associated with sustainable use of biodiversity	3.4. Publication and broadcasting of project activities and outcomes (50 items)	3.4. Articles in journals and popular media, exhibitions presentations on conferences and public events	100% completed;

Outputs	Activity	Indicator	Verifier	% Complete
	3.5. Chemical fingerprinting	3.5. Number of species tested	3.5. Chemical profiles obtained	25 % completed; Analysis due to begin at Kew with KLCs, & awaiting MoU & extracts for remainder transfer to UK.
4. Information on changes in behaviour and plant use patterns arising from cultivation, training and advocacy activities	4.1. Measure the implementation of cultivation practices by trainees	4.1. Number of trainees cultivating medicinal plants	4.1. Number of trainees cultivating medicinal plants after 12 months	50% completed; Mechanisms in place, and awaiting response from THPs in questionnaire
	4.2. Measure uptake of use cultivated materials by THPs	4.2.1 Number of THPs trained using cultivated plant material 4.2.2. Number of THP stakeholders using cultivated plant material	4.2.1 Number of THPs trained using cultivated plant material after 12 months 4.2.2. Number of THP stakeholders using cultivated plant material after 12 months	15% completed; Mechanism in place – awaiting plant maturity.
	4.3. Survey to which extent cultivated material has replaced wild harvested material by trained THPs	4.3.1. List of wild harvested species which are now partly cultivated	4.3.2. Baseline and post intervention research report and photographs of cultivated plants	15% completed; Mechanism in place – awaiting plant maturity.