

**DARWIN INITIATIVE PROJECT SCHEDULE ref: 162/09/008**

**Organization name :** UNIVERSITY OF STRATHCLYDE WITH THE INSTITUTE OF TERRESTRIAL ECOLOGY AND THE UNVERSIDAD DE LOS ANDES

**Name of project :** Preservation and rehabilitation of the Colombian rainforest by indigenous people

**Project purpose :** To work with the Amerindian communities in the Colombian Amazon in Leticia and surrounding areas looking for practical solutions to the conservation of the biodiversity of their environment.

**Project objectives :** to identify scientifically plants that the wise people of the community use for medicinal and other purposes; to identify scientifically plants that the village elders know to be adapted to fit differing ecological niches; to collect and conserve indigenous traditional knowledge, methods and techniques relative to the rehabilitation and conservation of the tropical rainforest; to exchange knowledge and techniques on reforestation, rehabilitation and conservation of the Amazonian ecosystem; to document biographies of the *Abuelos(as)-Sabedores*; to develop traditional mixed species gardens for the cultivation and domestication of edible, medicinal and ritual plants; to reforest deforested areas close to villages; to carry out research examining the biological reasons behind the indigenous knowledge associated with the insects, animals, plants, soil microfauna and minerals within the tropical rainforest.

**Length of project :** April 2000 for 3 years

**Total project cost :** £205,500

**Darwin funding profile :** 2000/2001 £60,340; 2001/2002 £53,880; 2002/2003 £61,280. Total £175,500

**Other sources of funding :** From partners - £XXk covering salaries, £XXk covering rents etc.

**Expenditure profile :** see Table A

**Target outputs :** see Table B

**Implementation timetable with milestones :** see Table C

**Key staff inputs :** see Table D

**Reporting requirements :**

30 September 2000	First report (1.4.2000 to 30.9.2000)
30 April 2001	Annual report (1.4.2000 to 31.3.2001)
30 September 2001	Six month report (1.4.2001 to 30.9.2001)
30 April 2002	Annual report (1.4.2001 to 31.3.2002)
30 September 2002	Six month report (1.4.2002 to 30.9.2002)
30 April 2003	Annual report (1.4.2002 to 31.3.2003)
30 June 2003	Final report.

**Arrangements for monitoring trainee outcomes :**

By working together throughout the project and checking on techniques.

It is intended to continue the project, after the end of Darwin funding, by seeking further sources of funding to follow up use of techniques and reforestation in the long term. These techniques will be modified depending on the results of the project.

**Table A**

<b>PROJECT COST</b>				
<b>Total Darwin Grant: £175,500</b>				
Annual Darwin Grant:				
* 2000/2001 £60,340				
* 2001/2002 £53,880				
* 2002/2003 £61,280				
<b>Expenditure details</b>	<b>2000/2001</b>	<b>2001/2002</b>	<b>2002/2003</b>	<b>Total</b>
Rents, rates, heating, lighting, cleaning	----	----	----	----
Postage, stationery				
Travel, subsistence				
Printing				
Conferences, seminars				
Capital items : equipment, computer, video recorder, tape recorders				
Other : films and processing, snakebite serum, production of manual and video				
Salaries				

**Table B**

<b>PROJECT OUTPUTS</b>		
<b>Year</b>	<b>Output ref. no.</b>	<b>Details</b>
<b>2000/2001</b>	6A/B	Training workshop on problems of deforestation held for one week and attended by 20 personnel
	22	Two permanent plots to compare planting techniques established
	13A	Species collection established at the Universidad de Los Andes
	6A/B	Training workshop on phytochemistry techniques, plant propagation and soil fertility held at the Universidad [how many involved and how long would it last?]
	8	17 weeks spent in Colombia by UK team
<b>2001/2002</b>		Workshop held to work on the results of the first year and to discuss forthcoming work [how many involved and how long would it last?]
	6A/B	Training workshop held on plant chemistry techniques [how many involved and how long would it last?]
	8	17 weeks spent in Colombia by UK team
<b>2002/2003</b>	14A	Seminar held to disseminate the first two year's findings and to plan for the future [how many and who would be involved and how long would it last?]
	7	One information booklet on ITE and traditional methods of plant propagation and basic plant/soil chemistry produced [how many copies and to whom will they be distributed?]
		Video showing ITE and traditional methods of plant propagation and basic plant/soil chemistry produced [how many copies and to whom will they be distributed?]
	11B	"X" papers submitted to peer reviewed journals

	14B	Seminar presenting results held [how many and who would be involved and how long would it last?]
	20	Computer and printer (£2,000) given to the Universidad de Los Andes for on-going work

[Please put against all the output entries the month in which they will be achieved.

Does the education mention in the first year, mean that there will be trips to schools etc. Please make appropriate entries.

Is there no UK input in Colombia in the final year? Please make the appropriate entry.

A general entry has been made on the application form about dissemination of results. Is it possible to include any of this as outputs?]

**Table C**

<b>PROJECT IMPLEMENTATION TIMETABLE</b>	
<b>Date</b>	<b>Key Milestones</b>
<b>2000/2001</b>	<p>[Any preparatory work to be entered?]</p> <p>Survey work on plants starts</p> <p>Investigation on the social aspect of the environment starts</p> <p>Survey of areas where the indigenous people grow their plants starts</p> <p>Collection and conservation of traditional indigenous knowledge starts</p> <p>Recording and documentation in native tongue of traditional knowledge on forest issues</p> <p>Workshop on deforestation issues held</p> <p>Collection of soil samples from different areas to look for mycorrhizas starts</p> <p>Two plots set up to compare techniques</p> <p>Abuelos(as) visit Leticia [for how long?]</p> <p>Start work on booklet on plant propagation</p> <p>Start observation and documentation of uses of plants from mixed species gardens</p> <p>Hold workshop to train personnel in phytochemistry techniques, plant propagation and soil fertility</p>
<b>2001/2002</b>	<p>Workshop held to work on results of first year's work</p> <p>Training workshop held on plant chemistry techniques</p>
<b>2002/2003</b>	<p>Preparation of video starts</p> <p>Final seminar held to disseminate first two year's result and to discuss final year's work.</p>

	Final draft of booklet complete
	Printing of booklet
	Video copied and distributed
	Writing of final reports
	Papers submitted to peer review journals
	Seminar held to present results

[Please enter the appropriate month these activities take place. Is it possible to add in indicators of progress eg. so many

**Table D**

<b>KEY STAFF INPUTS</b>			
<b>Name</b>	<b>Role in project</b>		
Dr Philip Mason	Soil fertility specialist, training and research		
Dr Jan Dick	Plant propagation expert, training and research		
Dr Alexander Gray	Pharmacist, phytochemist, training		
Dr Ann Mitchell	Pharmacist, microbiologist, project co-ordinator		
Professor Blanca de Corredor	Anthropologist, co-ordination with indigenous community, research of social aspects of project		
Professor Roberto Pineda	Anthropologist, co-ordination within the University and research of social aspects of project		
Professor Fernando Urbina	Life histories specialist, photography		
2-3 indigenous experts			
Postgraduate	Practical day to day running of project		
<b>STAFF TIME ALLOCATIONS (% time spent on this work)</b>			
<b>Name</b>	<b>2000/2001</b>	<b>2001/2002</b>	<b>2002/2003</b>
Dr Philip Mason	8	8	8
Dr Jan Dick	10	10	10
Dr Alexander Gray	10	10	10
Dr Ann Mitchell	20	20	20
Professor Blanca de Corredor	20	20	20
Professor Roberto Pineda	25	25	25
Professor Fernando Urbina	10	10	10
2-3 indigenous experts	20	20	20
Postgraduate	25	25	25