FUNDING PROPOSAL TO THE GREEN CLIMATE FUND

-IRES-CUBA-
INCREASED CLIMATE RESILIENCE OF RURAL HOUSEHOLDS AND COMMUNITIES THROUGH THE REHABILITATION OF PRODUCTIVE AGROFORESTRY LANDSCAPES IN SELECTED LOCALITIES OF THE REPUBLIC OF CUBA

ANNEX 5

IMPLEMENTATION TIMETABLE

January 2019

Republic of Cuba

IMPLEMENTATION TIMELINE IRES-CUBA

IRES PROJECT IMPLEMENTATION TIMELINE		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
ACTIVITY								
Outcome 1: Increased CC-resilient production landscapes through investment in innovative agroforestry and sylvopastoral systems, reforestation with close-to-nature planted forests (CTNPFs) and assisted natural forest regeneration								
1.1	**Restore approximately 15,544 ha of farmland from Marabu, and increase CC-resilience through sustainable agroforestry (AF), CTNPFs and assisted natural regeneration (mitigation co-benefit 833,950.60 million tCO^2-eq. in 7 years of implementation)**							
1.1.1:	Procure identified technologies and equipment	×	×	×	×	×	×	×
1.1.2:	Develop training materials for operations and maintenance	×	×	×				
Deliverable	a) Training materials developed	×	×	×				
1.1.3:	Train 74 machinery operators	×	×					
Deliverable	b) 74 machinery operators trained		×					
1.1.4:	Apply technologies to marabu eradication on 15,544 ha	×	×	×	×	×	×	×
Deliverable	c) 15,544 hectares of marabu eradicated							×
1.1.5:	Construct 896 water security systems (storage facilities and irrigation)	×	×	×	×	×		
Deliverable	d) 452 water reservoirs constructed					×		
1.1.6:	Establish and implement agroforestry, reforestation and assisted natural regeneration modules	×	×	×	×	×	×	×
Deliverable	e) Agroforestry, assisted natural regeneration and reforestation modules established and under implementation							×
1.2	**Restore approximately 20,189 ha of rangeland with compacted soils and increase CC-resilience through improved sylvopastoral systems (mitigation net co-benefit 381,311.51 million t CO^2eq in 7 years of implementation)**							
1.2.1:	Procure and field identified technologies and equipment	×	×	×	×	×	×	×
1.2.2:	Develop training materials	×	×	×				
Deliverable	f) Training materials developed for machinery operations	×	×	×				
1.2.3:	Train 68 machinery operators	×	×					
Deliverable	g) 68 machinery operators trained		×					

		1	2	3	4	5	6	7
1.2.4:	Implement sub-soiling of 20,189 hectares of compacted rangeland	×	×	×	×	×	×	×
Deliverable	h) 20,189 hectares of compacted soils improved							×
1.2.5:	Construct 700 small water reservoirs for livestock	×	×	×	×	×		
Deliverable	i) 700 small water reservoirs constructed					×		
1.2.6:	Establish and implement sylvopastoral modules, including improved grazing systems	×	×	×	×	×	×	×
Deliverable	j) silvopastoral modules established and under implementation						×	

Outcome 2: Strengthened institutional and farmer capacities to improve ecosystem services through agroforestry and forestry systems and enhance the climate-resilience of production landscapes

		1	2	3	4	5	6	7
2.1	**Increase institutional capacities to support farmers and producers' organizations to establish and maintain agroforestry, sylvopastoral and forestry systems for improved ecosystem services**							
2.1.1:	Develop training materials for use by trainers of extensionists	×	×	×	×	×	×	
Deliverable	k) Training materials developed for trainers of extensionists	×	×	×	×	×	×	
2.1.2:	Train 443 extension service technicians, agricultural technicians, and cooperative leaders to lead farmers in gender and age-sensitive learning-by-doing regarding the implementation, operations an	×	×					
Deliverable	l) 443 extension service technicians, agricultural technicians, and cooperative leaders/administrators trained		×					
2.1.3:	Development of supplementary learning materials and information on CC, ecosystem function and services, agroecology, agroforestry and forestry systems, and farm economics;	×	×					
2.2	**Train agricultural producers to collectively revitalize and manage production landscapes through climate resilience-enhancing agroforestry, silvopastoral and forestry systems for gender-equitable climate-resilient agriculture and ecosystem services**							
2.2.1:	Establish or strengthen existing Farmer Field Schools (17) in the seven municipalities based on type of agroforestry, sylvopastoral or forestry system to be implemented and logistical and other consi	×	×	×	×	×	×	×
Deliverable	m) 17 Farmer Field Schools established						×	
2.2.2:	Implementation of 17 Farmer Field Schools and training of 15,549 farmers using the participatory research and learning-by-doing approach.	×	×	×	×	×	×	×
Deliverable	n) 15,549 farmers, of which 50% are female, trained in revitalization and management of production landscapes for climate-resilient agriculture and ecosystem services							×

Outcome 3: Effective governance to support climate resilience-enhancing production systems and ecosystem services								
3.1	**Develop, discuss and analyze options for policy reforms to support implementation of agroforestry, sylvopastoral and forestry systems for landscape resilience through improved ecosystem services**							
3.1.1:	Ten workshops with expert assistance and input (international and national experts) to facilitate inter-institutional analyses and discussions regarding policy objectives, needs and options for the m	×	×	×	×	×	×	×
Deliverable	o) Workshops/expert leading to analyses, discussions, options	×	×	×	×	×	×	×
3.1.2:	Definition and discussion of institutional modifications or adaptations in support of the different options for policy reforms to support landscape resilience through improved ecosystem services;		×	×	×	×		
3.1.3:	Development of specific proposals for policy reforms;		×	×	×	×		
Deliverable	p) Proposals for reforms of policy, regulatory, planning instruments		×	×	×	×		
3.1.4:	Discussion of reform proposals at national level.		×	×				
3.2	**Establish a Landscape Resilience Fund to support adoption and implementation of agroforestry, sylvopastoral and forestry systems in support of landscape resilience through ecosystem service enhancement**							
3.2.1:	Expert analyses of existing funds (FONADEF, SCF) and other funds both regionally and globally;	×	×	×				
3.2.2:	Ten workshops to analyze and develop options for a Landscape Resilience Fund to support implementation of landscape resilience policies on the ground;	×	×	×	×			
3.2.3:	Design of a Landscape Resilience Fund to support resilience-enhancing land use by farmers and producers' organizations;		×	×	×	×		
3.2.4:	Formal legal establishment of the Landscape Resilience Fund;	×	×	×	×	×	×	×
Deliverable	q) Landscape Resilience Fund established and operational							×
3.2.5:	Elaboration of communication strategy and materials, and dissemination.	×	×		×			×
Deliverable	r) Communication strategy and materials Workshops/expertise	×	×		×			×
3.3	**Strengthen planning, governance and coordination at the landscape level in support of landscape resilience through enhancement of ecosystem services**							
3.3.1:	Train 30 senior management staff from 10 local branches of established organizations (Asociacion Cubana de Tecnicos Agricolas y Forestales - ACTAF, Asociacion Cubana de Produccion Animal - ACPA, As	×	×	×	×	×	×	×
Deliverable	s) 30 leaders of local organizations trained to participate in local planning/decision making processes							×

3.3.2:	Multi-level review and analysis of landscape resilience policies and planning instruments as a framework for adaptive landscape management;	×	×	×	×	×		
Deliverable	t) Existing landscape planning instruments integrate climate adaptation and mitigation principles and considerations						×	
3.3.3:	Fifteen workshops to strengthen coordination in local landscape governance structures for climate change adaptation: Comision de Reforestacion, Grupo de Bahia, Comision de Cuencas Hidrograficas, Comi	×	×	×	×	×	×	×
Deliverable	u) Local institutional staff trained to produce and negotiate agreements for governance of landscape resources							×

REPORTING

	APR	×	×	×	×	×	×	×
	Baseline, during inception of the project	×						
	An interim evaluation (Mid-Term) report within three years from the start of the project implementation (first quarter of the fourth year)				×			
	Final evaluation report will be due within 6 months from the end of project implementation							×