

WORK PLAN FOR: Support to the Development and Implementation of a Green Growth and Economy Approach to Rwanda's Economic Transformation

PERIOD: 01 January- 30 June 2015

UNDP Outcome: PRO-POOR GROWTH AND ECONOMIC TRANSFORMATION ENHANCED FOR INCLUSIVE ECONOMIC DEVELOPMENT AND POVERTY REDUCTION.

JP Output 1: Innovation centres of excellence for environment and climate change established and linked to relevant institutions.

Output Indicators: 1) Innovation Centre for Environment, Climate Change, Green Urbanization and Green Technologies established and operational. 2) Centre of Excellence on Biodiversity and Natural Resources Management, established and operational. 3) Institutional linkages established and functional between innovation centres and RECP Centre, Business Development Centres, Research, TVET, Academic etc.

JP Activities	Annual Activities	TIME FRAME		Indicators	Implementing Partner	Source of Funds	PLANNED BUDGET (USD)			
		Q1 (Jan-Mar)	Q2 (Apr-June)				Core	Vertical	One Fund	TOTAL
1.1 Support establishment and operationalization of an innovation centre of excellence that promotes the environment, climate resilience, green urbanization and green technologies.	Hire a consultant to identify the needs and establish a business plan	X	X	Consultant hired, needs assessment & business plan developed	MINIRENA (REMA)	FAO	10,000	10,000		20,000
1.2 Support operationalization of the Centre of Excellence for Biodiversity and Natural Resources Management.	Development of a range of communication products to promote the CoEB to potential CoEB clients to increase visibility and raise awareness (focusing on the CoEB services, impact of previous training (e.g. bioprospecting) on previous users)		X	Website developed and announced Number of brochures created & distributed	MINEDUC (UR)	UNESCO	1,000		3,000	4,000
	Strengthen connections with the CoEB nodes			Needs assessment for nodes conducted Meeting of the technical advisory held and attended by all node representatives Summary of node activities prepared and distributed	MINEDUC (UR)	UNESCO			2,000	2,000
	Official launching ceremony of the CoEB during World Environment Day or the Gorilla naming ceremony		X	Launching ceremony organised Number of high-level representatives in attendance Number of presentations and lectures about the CoEB during WED and the Gorilla naming ceremony	MINEDUC (UR)	UNESCO	600		2,000	2,600
	Hire interim staff: Education & Awareness Program Manager		X	Top posted & staff member hired	MINEDUC (UR)	UNESCO			3,000	3,000

1.3 Support institutional linkages in pursuing green growth (Innovation Centre of Excellence Research/Academic/Resource Efficient and Cleaner Production (RECP)/Business Development Centres (BDC)/TVET).	Undertake Initial Needs Assessments and develop a concept note on institutional development and establishment of institutional linkages in pursuing GE growth.	X	X	1) Needs assessment undertaken 2) Concept note developed	MINICOM (PSF) UNIDO	12,400	12,400	12,400	12,400
	Develop operational guidelines for RECP Centre, research, TVET, BDC and academia institutions to improve their institutional development and linkage with innovation centre.	X	X	Operational guidelines developed		10,000	13,600	23,600	
	Undertake various programmes of training, consultancy, evaluation for needs of all institutions (RECP Centre, research, TVET, BDC, academia)	X	X	Programmes carried out.		4,500	20,000	24,500	
	Develop/upgrade existing services portfolios to SMEs of participating institutions related to G.E and identify opportunities for synergies and joint implementation	X	X	Opportunities for synergies and joint implementation are identified		10,600		10,600	
	Exchange of experiences and information between institutions involved in innovation and technology transfer to disseminate knowledge rapidly	X	X	Knowledge exchange conducted (workshops, trainings etc.)		14,700	14,700		
Total Budget for JP Output 1 38,500 35,300 43,600 117,400									
JP Output 2: Public and private investment in Green Urbanization approaches to Economic Transformation increased.									
Output indicators: 1) Private sector-led structure established and operational for the construction of a model green city. 2) Resources available for private sector-led construction of a model green city in Rwanda. 3) At least one industry operational, producing a green technology goods for the national and/or export market.									
2.1 Support for the establishment and operationalization of a private sector-led structure for the construction of a model green city in Rwanda.	Organize 1 national workshop on Green City approach in Rwanda		X	1 National workshop organized	MININFRA (RHA) UNHABITAT			15,000	15,000
	Consultancy services to design the toolkit for Green City development	X		Toolkit developed				20,000	20,000
	Organize a consultation workshop on Green City model toolkit		X	A consultation workshop organized				6,000	6,000
	Printing of Brochure of Green City Model Toolkit for dissemination and awareness.		X	No. of copies of brochure disseminated				14,000	14,000

3.3 Support private sector-led resource mobilization for up-scaling of green villages in Rwanda.	Workshops for Local Gov'ts officials and stakeholders on demo green village project implementation procedures/guidelines	X		Workshops conducted	MININFRA /RHA (Rural Settlements)	UNDP	5,000			5,000		
	Procurement of a consulting firm to develop a Village-greening business plan for two villages.	X	X	Business plan developed				25,000			25,000	
	Implement the village-greening business plan (biogas installation, purchase of cows, installation of rain water harvesting infrastructure, implementation of climate smart practices, ICT infrastructure, solar energy) for two villages		X	Construction started.						290,000	290,000	
	Purchase and preparation of nursery beds for greening and beautification in the two demo villages		X	No. of nursery beds					21,200		21,200	
	Develop guidelines on climate smart agriculture practices in green villages		X	Guidelines developed			FAO	11,400			11,400	
	Conduct trainings on the smart Agriculture practices in the two model villages		X	Trainings organized					21,600		21,600	
	Provision of hybrid seeds, composite manual and use of value chain technologies to vulnerable demo village women cooperatives		X	No. of women and No. of cooperatives provided with the seeds and manuals					64,400		64,400	
	Needs assessment among a few villages in districts		X	Needs assessment finished					30,000		30,000	
	Organize workshops for the stakeholders (private sector, Rwanda Development Board (RDB), Investors on the upscaling of green villages in Rwanda		X	Workshops conducted			UNCTAD		25,000		25,000	
	Conference with national and foreign corporate private sector regarding possible involvement in development of green villages		X	Conference conducted					25,000		25,000	
	Develop module for private sector led resource mobilization for upscaling of green villages in Rwanda		X	Modules developed					20,000		20,000	
	Total Budget for JP Output 3							49,400	207,200	290,000	546,600	

JIP Output 4: Sustainable Energy for All (SE4ALL) Goals in the Energy Sector of Rwanda Advanced.

Output indicators: 1) National renewable energy resources assessment/development framework and tool developed to support renewable energy capacity expansion and investment decisions. 2) Geothermal energy potential established and documented. 3) Energy efficiency standards and codes developed to accelerate energy efficiency improvements. 4) SE4ALL goals mainstreamed in energy sector policy and planning through policy dialogue, policy review support, consultations and technical support. 5) Rwanda National SE4ALL Investment Prospectuses (IPs) developed.

4.1 Support the strengthening of national energy planning through renewable energy resource assessment and decisions tools development.	Recruit a consultant to conduct resource assessment and build the draft decision support tool		X	A draft decision support tool available		40,000	40,000	
Conduct Rwanda missions, including site visits to appreciate the nature of energy resources, and for initial and mid-point discussions	Rwanda mission report		X			12,000	12,000	
Recruitment of a local consultant for data gathering and knowledge transfer	A consultant recruited		X		MININFRA (Energy)	7,500	7,500	UNECA
Internal and external data gathering and acquisition cost	Collected data available		X			25,000	25,000	
Project inception expert group meeting	No. of meeting organized		X			7,000	7,000	
Project validation expert group meeting	No. of meeting organized		X			7,000	7,000	
Materials and supplies	NA		X			1,500	1,500	
4.2 Support the development and execution of technical and economic assessment of renewable energy potentials at one of the sites.	Continue updating the geothermal related information in the African Rift (AR)/Geo Geothermal Inventory Database		x	Database updated.		30,000		
	Training Geothermal Experts in Geothermal science and technology		X	No. of people trained (women/men)	MININFRA (Energy)	45,000	45,000	UNEP
	Provide support and guidance in organizing Geothermal workshop on the Western Branch of the East African Rift System (EARS)		X	No. of people attended the workshop (women/men)		50,000	50,000	
4.3 Support the development of national energy efficiency standards and codes.	Consultation with GoR institutions		X	Consultation meetings held	MININFRA (Energy)			UNIDO
							0	

GoR

JP Output 5: Initiatives in Support of Policy, Advocacy, and Capacity Development for GE Effectively Implemented.

Output indicators: 1) A toolbox for operationalizing GE Transition in Rwanda developed and operationalized. 2) Environmental Unit within Rwanda National Police is established and equipped to support Rwanda's green growth. 3) All sectors costed for the implementation of the Green Growth and Climate Resilience Strategy. 4) Urbanization policy produced and pilots projects implemented. 5) GE Advisory services provided

	Initiate draft toolbox and training compendium			X	Draft toolbox available	MINIRENA (REMA)	UNEP	160,000	160,000	160,000
5.1 Support the development and operationalization of a toolbox for operationalizing the GE in Rwanda.										
5.2 Provide capacity strengthening support for the environment unit of RNP to support in implementing green growth related standards.	Set-up Environment Police Unit Coordination Mechanism by establishing working relationship between EPU, REMA Dept. Environmental Protection & Pollution Control, District Environment Offices and community stakeholders.	X		X	Coordination mechanism between EPU, REMA, districts environment offices and community stakeholders established			3,800		3,800
	EPU Office set up and Coordination Operational costs			X	Vehicles, motorcycles, office supplies purchased			45,000		45,000
	Conduct info-exchange workshops on environmental protection (crime prevention, investigation)		X	X	Workshop conducted	RNP/REMA	UNDP	9,000		9,000
	RNP EPU technical capacity strengthened for environmental crime investigation.		X	X	Purchase of 2 noise pollution monitors, 2 air pollution monitors and 1 GPS-ground camera			17,200		17,200
	Conduct public awareness campaigns on environmental protection, environmental crimes prevention, inspection, investigation and penal code		X	X	1) No. of Umuganda that incorporated public awareness campaign.			0		0
	Mapping of environment related crimes and compilation of laws and guidelines			X	1) A draft mapping report shared 2) Compilation of laws and guidelines completed.				5,000	5,000
5.3 Support the costing of the Green Growth and Climate Resilience strategy.	To finalise the costing of (Integrated Water Resources Management) IWRM		X	X	Costing finalized		UNDP			0
	To support the costing of Agroforestry			X	Agroforestry costed	MINIRENA	FAO		37,900	37,900
	To develop technology for organic manure production and its utilization			X	Technology for organic manure production and its utilization developed	MININFRA (MINAGRI)	FAO	40,000		40,000

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5.4 Supporting the green urbanization and environmental health risk reduction policy development and implementation pilot projects.	To finalise National Urban Policy: Hiring a consultant to review the investment plans and develop the spatial development framework	X		Consultants recruited	MININFRA/RHA		30,000	30,000	30,000		
	Organise consultations workshop on matrix functional for validation of priority investment		X	Workshops conducted		UNHABITAT		25,000	25,000	25,000	
	Provide technical support to MININFRA to finalise the National Urbanization Policy (International Consultant)	X	X	National urbanization policy finalized			62,650	62,650	62,650	62,650	
	Provide the Technical support to MININFRA (International Consultant) to develop the Master Plans for Secondary Cities (NYAGATARE and RUBAVU)	X	X	Master plans for secondary cities developed			88,000	88,000	88,000	88,000	
	Organize a consultation workshop on NYAGATARE Master Plan		X	A consultation workshop organized		MININFRA/RHA	4,500	4,500	4,500	4,500	
	Organize a Consultation workshop on Improved RUBAVU Master Plan		X	A consultation workshop organized			4,500	4,500	4,500	4,500	
	Support awareness programme on urban Environment and health (provision of safe water and sanitation, air pollution, waste management, improved working Environment, recreational water illness prevention, asbestos removal, etc.) in the six secondary cities (Rubavu, Musanze, Huye, Nyagatare, Muhanga and Rusizi) through the Districts' One Stop Centers			X		Awareness programme supported	WHO	17,500	17,500	17,500	17,500

