Capacity-development workshop for Central, Eastern and Southern Africa on the restoration of forests and other ecosystems to support the achievement of the Aichi Biodiversity Targets

2-6 October 2017- Durban, South Africa

Pursuant to paragraph 5 of decision XI/16 of the Convention on Biological Diversity (CBD), the Secretariat, in collaboration with the Government of South Africa and the Food and Agriculture Organization of the United Nations (FAO), is organizing a capacity-development workshop for Central, Eastern and Southern Africa on the restoration of forest and other ecosystems to support the achievement of Aichi Biodiversity Targets 5, 14 and 15, to be held from 25 to 29 September 2017, in Durban, South Africa.

This capacity-development event will be conducted through a mix of plenary and practical sessions led by the CBD Secretariat and experts from other agencies, including FAO. The meeting will be conducted in English with French simultaneous interpretation. Workshop documents will be posted on the CBD website at https://www.cbd.int/meetings/ and on the website dedicated to the Forest Ecosystem Restoration Initiative https://www.feri-biodiversity.org/Durban

This workshop is one of a series being organized as part of the implementation of the Forest Ecosystem Restoration Initiative by the CBD Secretariat through the generous financial assistance of the Korea Forest Service of the Government of the Republic of Korea. The Initiative was welcomed by the Conference of the Parties to the Convention at its twelfth meeting through decision XII/19, paragraph 5.

The Secretariat is offering this capacity-development activity to Parties to enhance biodiversity considerations across the landscape level, through integrated and collaborative planning, implementation and reporting. The overall aim of the workshop is to support Parties in carrying out national plans on ecosystem restoration, guided by the Short Term Action Plan on Ecosystem Restoration, with a focus on efforts taken in forest and other ecosystems to achieve Aichi Biodiversity Targets 5, 14 and 15 and related targets.

Towards the aim identified, the workshop will enable:

(a)   A review of national commitments and their stages of implementation;

(b)   A better understanding of the motives/drivers for restoration and best practices from experts in the field, including on ways and means to leverage actions to plan, restore and monitor the benefits from ecosystem services in national plans and frameworks for implementation;

(c)   A review of relevant global and regional initiatives, and how these integrate biodiversity and ecosystem considerations within their activities, as well as in the tools used to support the implementation and tracking of country commitments under such initiatives;

(d)   South-South exchange of experiences and knowledge and the benefits to ecological, social and economic sustainability; and

(e)   Ways and means to mobilize domestic and international public and private resources, engaging different stakeholders and incentivizing long term actions in ecosystem restoration

MONDAY — October 2nd

9h00-10h15		Opening Session		
	15	Welcome statement by South Africa	Ministry of Environment of South Africa	Deputy Minister (TBC) Dr Christo Marais
	15	Welcome statement by CBD	SCBD	Lisa Janishevski
	15	Presentation of the agenda with structure of the week around the three targets and the steps of the STAPER	SCBD	Blaise Bodin
	30	Roundtable of participants and their expectations		
10h15-10h45	30mn	Coffee break		
10h45-12h30	Session 1	Setting the scene: the policy landscape for restoration and its connections with other international agendas		
	15	Presentation of Aichi Targets 5, 14 and 15 and the STAPER	SCBD	Lisa Janishevski
	15	Outlook for achieving Targets 5, 14 and 15 in Eastern, Central and Southern Africa/Presentation of the results of the questionnaire on STAPER	SCBD	Blaise Bodin
	15	*Q&A with participants*		
	15	The policy landscape for ecosystem restoration and its connections to the climate and development agendas		Lisen Runsten
	15	Introduction to the 'country dossiers'	SCBD	Blaise Bodin
	30	*Q&A with participants*		
12h30-13h30	60	Lunch		
13h30-15h00	Session 2	Avoiding ecosystem loss and degradation		
	15	Presentation of 'SMART' elements under Target 5 and FAO FRA reporting on forests	SCBD	Blaise Bodin
	15	Country presentation on Target 5	South Sudan	Mr. Baggu Kenyi Bullen
	15	*Q&A with participants*		
	45	**Peer review of targets under target 5** *Each participant is given a sheet with the Target 5 from an another country and 'checks' against the SMART element. Then both participants work together on drafting a target that meets more of the elements*		
15h00-15h30	30	Coffee break		
	20	Report back on the peer review - Each group		
15h50-17h15	Session 3	Identify the drivers of the loss of biodiversity and the degradation of ecosystems		
	10	Introduction to the exercise	CBD	Lisen

	45	**Interactive exercise on the identification of drivers - From remote sensing to ground-level information** *Discuss drivers of loss over a map of forest loss (from GFW) - Participants circle areas of loss and identify likely drivers, actions to verify the sources or loss of degradation*		
	20	Report back on the drivers' exercise		
	10	Nomination of a participant to do the recap next day		

TUESDAY – October 3rd

9h00-9h15	15	Recap of the previous day by one of the participants		
9h15-10h30	Session 4	Identify and prioritize restoration areas: The Red List of Ecosystems		
	30	Presentation on the Red List of Ecosystems	IUCN	Pelle Bagesund
	15	The restoration strategy of Madagascar and the Red List of Ecosystems	Madagascar, Ministère de l'Environnement de l'Ecologie et des Forêts	Mrs Tahiry Fanomezana RAKOTOMAMONJY, Ingénieur des Eaux et Forêts
	15	Q&A with participants		
	15	Dialogue on the definition of 'natural ecosystems'		
10h30-11h00	30	Coffee break		
11h00-12h30	Session 5	Assessing the potential costs and multiple benefits of ecosystem restoration		
	15	Presentation of target 14 and national targets in the region	SCBD	
	15	Country presentation on Target 14	Ethiopia	Mr. Motuma Didita
	15	Assessment and valuation of ecosystem services in South Africa	SANBI	(TBC)
	15	"Sustainable harvesting of medicinal plants in Protected Areas as a means to conserve and restore ecosystem services"	Kukula Traditional Health Practitioners Association	Rodney Sibuyi
	30	Q&A and discussion		
12h30-13h30	60	Lunch		
13h30-15h00	Session 6	Identify and prioritize restoration areas: Introduction to the ROAM (Restoration Opportunities Assessment Methodology)		
	15	Introduction to ROAM	CBD	Lisen Runsten
	60	**ROAM interactive exercise** *Each participant is given a role as a stakeholder in restoration planning and the group decides how to allocate restoration actions over a*	IUCN	Group sessions

		landscape taking into account various spatial data layers		
	15	Report back		
15h00-15h30	30	Coffee break		
15h30-17h00	Session 7	Alignment of national targets for restoration		
	30	Panel on alignment of restoration strategies and LDN Each panelist gets 5 minutes to introduce the question in their national context, then moderator introduces three questions for the panelists to discuss	Moderator:	Panelists: Botswana, Malawi and South Africa
	15	Q&A with rest of the audience		
	45	Exercise on the alignment of national targets Participants analyze their national targets under target and note points of discrepancy or alignment		
17h00-17h30	Closing of the day			
	30	Main messages so far - Each table writes down 2-3 key messages from the Monday and Tuesday sessions		
		Nomination of a participant to do the recap next day		

WEDNESDAY — October 4th

9h00-9h15	15	Recap of the previous day by one of the participants		
9.15-10.15	Session 8	Legal and policy frameworks for restoration / Promote and support capacity-building and training and technology transfer / Develop plans for resource mobilization		
60	15	Socio-ecological restoration frameworks at catchment scale	Directorate for Natural Resources Management, South Africa	Mr. Michael Braack
	15	Country presentation on training and education for restoration	Tanzania	Martha Ngalowera, Environmental Education Officer Vice President's Office Division Of Environmen
	15	FAO's Forest Landscape Restoration mechanism	FAO	Mr Jonathan Wesley Roberts
	15	Q&A		
10.15-12.30	Session 9	Planning and implementation of ecosystem restoration activities		

	15	Forest Landscape Restoration v. Ecosystem Restoration v. Ecological Restoration: A primer on definitions	SCBD	Blaise Bodin
	30	Discussion on the definitions and their application in respective national contexts		
	15	Coffee break		
	75	Presentation of the experts for different biomes and their expertise with restoration planning and techniques (25 minutes each): **Forests:** Coert Geldenhuys and Mark Nicholson **Grasslands:** Colin and Terry Everson (TBC) **Savannas and woodlands:** Japie Buckle (TBC)	Plants for Life International University of Pretoria South African Environmental Observation Network (SAEON) Ministry of Environment of South Africa, Department of Environmental Affairs	Mark Nicholson, Director Coert Geldenhuys, Forest Ecologist Colin Everson, Grassland & Forest Restoration & Ecology Expert Terry Everson, Grassland Restoration & Ecology Expert, Community Engagement & capacity building Mr. Japie Buckle, Assistant Director, Operational support and planning
12h30-13h30	60	Lunch		
13h30-15h45	**Session 10**	**Planning and implementation of ecosystem restoration activities**		
	45	Presentation of the experts for different biomes and their expertise with restoration planning and techniques (15 minutes each): **Wetlands and rivers:** Umesh Bahadur, Farai Terarai and Piet-Louis Grundling	Ministry of Environment of South Africa, Department of Environmental Affairs	Umesh Bahadur, Director, Working for Wetlands Dr Farai Terarai, Deputy Director: Planning, Monitoring and Evaluation, Working for Wetlands Dr Piet-Louis Grundling, Deputy Director: Programme Implementation, Working for Wetlands
	5	Participants choose a topic and split in their respective working groups (5-8 people per group, or less if subgroups for ecosystems where there is more than one expert)		
	50	Group work: - Each participant to present the context of degradation of the biome in question in their national context - Experts to provide more details on available restoration techniques and how they may apply to the respective contexts of participants - Open discussion		
15h30-16h00	15	Coffee break		
16h00-17h30	**Session 11**	**Planning and implementation of ecosystem restoration activities (continued**		

	45	Restoration planning and implementation roadmaps: Using the template provided, participants list, with the help of the experts: - up to 3 lessons learned for the restoration of a given ecosystemand detail how it is applicable in their national context - up to 3 next steps that they will take upon returning from the workshop to advance the restoration of that ecosystem		
	45	Plenary discussion - Report back on the clinics		
		Nomination of a participant to do the recap next day		

THURSDAY — October 5th

Depart From	Destination	Travel Time in bus	Distance	Time needed at site
Beach Front: Leave at 8:30am	Buffelsdraai: arrive at 9:15am	45 mins	35km	3 hours. See: Education Centre; forest restoration areas; landfill site; nursery; meet Treepreneurs from community
Buffelsdraai: Leave at 11:30am	iNanda Dam: arrive at 12:15pm	40 mins	22km	1 1/2 hours: Have lunch; Visit dam wall.
iNanda Dam: Leave at 2:00pm	Springfield Wetland arrive at 2:45pm	40mins	28km	1 hour: Stop to look at and discuss wetland rehabilitation project and associated data collection
Springfield Wetland: Leave at 2:50pm	Beach Front: arrive at 3:15pm	20mins	11km	n/a

FRIDAY — October 6th

9h00-9h15	15	Recap of the day by one of the participants		
9h15-11h30	**Session 12**	**Monitoring systems and spatial data platforms**		
135	15	Data platforms for ecosystem assessment and monitoring - Collect Earth and SEPAL	FAO	Mr Jonathan Wesley Roberts
135	15	Collect Earth and its application in South Africa	Ministry of Environment of South Africa, Natural Resource Management Programme	Louwrens Ferreira, Deputy Director: Operational Support and Planning

	15	AFIS - Operational Fire Monitoring	Council for Scientific and Industrial Research (CSIR) Meraka Institute	Philip Frost, Research Group Leader, EO Apps
	30	Q&A with participants		
10h30-10h45	15	Coffee break		
	45	Live testing of the Global Forest Watchers tool		
11h30-12h30	**Session 13**	**Restoration safeguards and standards**		
	30	Presentation on the restoration safeguards		
	30	Facilitated discussion on safeguards with participants		
12h30-13h30	60	Lunch		
13h30-15h15	**Session 15**	**Plenary discussion and closing session**		
	60	Plenary: Participants to list key messages from the workshop		
	15	Adoption of key messages from the workshop		
	15	Evaluation form		
	15	Closing of the workshop		