



United Nations
Framework Convention on
Climate Change



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

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CLIMATE TECHNOLOGY CENTRE & NETWORK

STEPPING UP
CLIMATE
ACTION

LATIN AMERICAN
& CARIBBEAN
CLIMATE WEEK

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MONTEVIDEO

HOSTED BY



Regional Technical Expert Meetings on Mitigation : Concept note

Organized as part of Regional Technical Expert Meetings on Mitigation

Organizer : UNFCCC secretariat in collaboration with the Technology Executive Committee, the Climate Technology Centre and Network and the United Nations Industrial Development Organization

Session I : Enabling circular economy solutions to boost climate action

23 August 2018, 09:00h (Ballroom A1)

This **session will focus on various solutions aimed at** achieving a shift towards circular economy and the associated triple win: economic, environmental and employment. “Circular economy” is an alternative to a traditional linear economy (make, use and dispose). It aims to use resources as long as possible, extract the maximum value from them and recover and regenerate materials at the end.

The implementers of circular economy (countries, cities, industries, companies and public) concentrate on rethinking products and services using principles based on durability, renewability, reuse, repair, replacement, upgrades, refurbishment and reduced material use.

By applying these principles, the implementer can design out waste, increase resource productivity and decouple growth from natural resource consumption. Through this they can capture significant benefits, including: increased supply chain and resource security; growth, innovation and competitive advantage; cost reduction; and reduced energy consumption and GHG emissions.

The circular economy solutions contribute to various sustainable development goals (SDGs). It helps to meet the overall energy needs (SDG 7- affordable and clean energy) and entails GHG emission reductions

(SDG 13-climate action). Furthermore, it also contributes to SDG 8 (decent work and economic growth), SDG 9 (industry, innovation and infrastructure) and SDG 12 (responsible consumption and production) through the creation of job opportunities, closed loops in industries and industrial symbiosis, and recovery of energy/material from waste.

During the session, with the help of high impact case studies/examples, currently available technological solutions and innovative approaches for circular economy that are actionable in the short term for the LAC region will be discussed. Participants are expected to also discuss and share experiences on the necessary policy environment, best practices in fostering partnerships and need of financial, technical and capacity building resources for the replication and upscaling of abovementioned solutions.

The 90-minute session will have case study presentations followed by a moderated roundtable discussion, which shall be structured as follows:

05'	Brief introduction of the topic and speakers by the moderator - Maria Jose Gonzalez, Coordinator Biovalor, Uruguay
05'	Opening remarks - Jukka Uosukainen, Director, CTCN
05'	Keynote Address - Patricia Espinosa, Executive Secretary, UNFCCC
25'	<p>3 case studies on what have been done so far and lessons learnt</p> <p>To set the scene and ensure maximum engagement during the session, the presenters of case studies/examples will be asked to address the questions related to learning from what works and where we are regarding circular economy solutions in the region:</p> <p>Case study presenters :</p> <ul style="list-style-type: none"> - Paula Cobas Barqué, Coordinator of Associative Programs at the National Development Agency, Uruguay: presenting on Oportunidades Circulares; http://oportunidadescirculares.org/ - Vanesa Vazquez, Sustainability Chief - Quilmes/ ABInBev, Circular Economy strategy and targets - Emmanuel Joseph Dubois, Landfill Manager, National Solid Waste Management Authority, Antigua and Barbuda: Likely to present on experiences with recent ban of plastic bags.
10'	Quick Q/A on case studies
35'	<p>Moderated roundtable discussion based on the case study presentations and guiding questions</p> <p>The moderated round table discussion will delve into discussing what do we want to achieve to enhance opportunities in the circular economy solutions that are actionable in the short term, and how do we get there.</p> <ul style="list-style-type: none"> • What should be the vision/goal in terms of harnessing mitigation potential and co-benefits of circular economy related policies, practices and actions?

	<ul style="list-style-type: none"> • What are the specific financial, technology and capacity building resources necessary to upscale and replicate innovative circular economy solutions in the LAC region, that will contribute to achieve vision/goal discussed in the abovementioned questions? • What are the ways forward and necessary actions to be taken by Parties, non-Party stakeholders and organizations to meet identified financial, technological and capacity building needs for circular economy solutions, including through regional mitigation initiatives/partnership? <p>Contributors for roundtable discussion:</p> <ul style="list-style-type: none"> - Petar Ostojic, CEO of Neptuno Pumps, Chile - Three case study presenters - General audience
5'	Final summary/wrap-up by the moderator

Session II : Enabling waste-to-energy solution to achieve circular economy and boost climate action

23 August 2018, 11:30h (Ballroom A1)

This **session will focus on waste-to-energy solutions** as integral parts to achieving a circular economy and the associated triple win: economic, environmental and employment. A “circular economy” is an alternative to a traditional linear economy (make, use and dispose). It aims to use resources as long as possible, extract the maximum value from them and recover and regenerate materials at the end.

During the session, with the help of high impact case studies/examples, currently available technological solutions and innovative approaches for waste-to-energy solutions that are actionable in the short term for the LAC region will be discussed. Participants are expected to also discuss and share experiences on the necessary policy environment, best practices in fostering partnerships and need of financial, technical and capacity building resources for the replication and upscaling of abovementioned solutions.

The 90-minute session will have case study presentations followed by an interactive roundtable discussion, which shall be structured as follows:

05'	<p>Brief introduction of the topic and speakers by the moderator</p> <ul style="list-style-type: none"> - Federico Villatico, Regional Manager – LAC, West and Central Africa, CTCN
25'	<p>3 case studies on what have been done so far and lessons learnt :</p> <p>To set the scene and ensure maximum engagement during the session, the presenters of case studies/examples will be asked to address the questions related to learning from what works and where we are regarding waste-to-energy in the region:</p> <ul style="list-style-type: none"> • What are the observed technological and policy evolutions on waste-to-energy solutions, that qualify as best practices resulting into emission reductions and sustainable development co-benefits? • What were the enablers for the successful implementation of the presented case studies? How were the challenges overcome?



	<ul style="list-style-type: none"> • What were the lessons learned that could be useful to scale up and replicate the best practices in the regional context? <p>Case study presenters :</p> <ul style="list-style-type: none"> - Jaime Herrero, http://www.cimne.com/ : to present on https://www.ctc-n.org/technical-assistance/projects/design-and-scale-climate-resilient-waste-management-and-energy-capture and http://www.biogaslechero.cl/proyecto/ - Atilio Savino, Fundacion Bariloche : http://www.fundacionbariloche.org.ar/en/, to present Implementer of https://www.ctc-n.org/technical-assistance/projects/technology-transfer-and-spread-gasifiers-and-biodigesters-residual. They have also other activities in LAC to present. - Claudia Adames, Dominican Republic, GEF 5 biomass to energy project: http://www.bioelectricidad.org/
10'	Quick Q/A on case studies
45'	<p>Moderated roundtable discussion based on the case study presentations and guiding questions</p> <p>The moderated round table discussion will delve into discussing what do we want to achieve to enhance opportunities in the waste-to energy solutions that are actionable in the short term, and how do we get there.</p> <ul style="list-style-type: none"> • What should be the vision/goal in terms of harnessing mitigation potential and co-benefits of waste-to-energy related policies, practices and actions? • What are the specific financial, technology and capacity building resources necessary to upscale and replicate innovative waste-to-energy solutions in the LAC regions, that will contribute to achieve vision/goal discussed in abovementioned question? • How to deal with the contractual arrangements between the national, subnational and local governments and the technology providers? • What are the ways forward and necessary actions to be taken by Parties, non-Party stakeholders and organizations to meet identified financial, technological and capacity building needs for waste-to-energy solutions, including through regional mitigation initiatives/partnership? <p>Contributors for roundtable discussion:</p> <ul style="list-style-type: none"> - Three case study presenters - Raul Delgado, Lead Specialist for Climate Change and NDC Invest, IDB - Regina Magalhães, Director of Sustainability and Innovation, Schneider Electric, Brazil - General audience
5'	Final summary/wrap-up by the moderator



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