# Global Green Growth Week 2021

Green Recovery, Green Jobs, and NetZero2050

October 25-27



Green Growth Measurement and Innovative Tools to Assess Performance in SDGs

# Overview

GGGI defines green growth as a development approach that seeks to deliver economic growth that is both environmentally sustainable and socially inclusive. Green growth is central to achieving the Sustainable Development Goals (SDGs), particularly in targets to provide opportunities for economic growth that are lowcarbon and climate-resilient, prevent or remediate pollution, maintain healthy and productive ecosystems, and create green jobs, reduce poverty, and enhance social inclusion. If properly designed and implemented, policies and investments that promote green growth can support the achievement of SDGs. Measurement of green growth performance using innovative tools aligned to or benchmarked against the SDG targets will help guide countries in their green growth transition.

Co-organized by GGGI and the Organisation of Eastern Caribbean States (OECS) Commission, this session aims to showcase innovative tools for assessing performance in green growth and SDGs, and discuss the significance of these tools for policy making and how to enhance uptake of their results in policy decisions.

Presenters with expertise on both green growth and SDGs will introduce and discuss various methods and approaches that they have developed to assess performance in transitioning to green growth and achieving SDG targets. The first round of presentations will illustrate how frameworks for global green growth indices can be applied to develop scenarios for different sectors (Presentation I) and assess green economy performance at the subnational level (Presentation II) using innovative tools. The application of green growth frameworks in models and scenarios is often constrained by the availability of data. The second round of presentations will illustrate approaches to improve environment databases, including those for the SDGs (Presentation III) and use other forms of databases (i.e., input-output) to support innovative models and scenario analysis.

Each round of presentations will be followed by a panel discussion to understand, among others, the policy relevance of the tools and potential challenges in their applications/uptakes. The session's panel members who represent a wide range of expertise include:

- Dr. Jose Pineda, Consultant to the United Nations Environment Programme (UNEP) and Senior Advisor at DevTech Systems, Inc., Arlington, Virginia, United States
- Ms. Ingvild Solvang, Deputy Director, Head of Climate Action and Inclusive Development Unit, Global Green Growth Institute, Seoul, South Korea
- o Dr. János Abonyi, Department of Process Engineering, University of Pannonia Budapest, Hungary
- o Dr. Ali Kerem Saysel, Institute of Environmental Sciences, Boğaziçi University, Istanbul, Turkey

## For further information, please contact:

Dr. Lilibeth Acosta, Program Manager, Green Growth Performance Measurement, GGGI European Office in Budapest, Hungary, E-mail: <u>lilibeth.acosta@gggi.org</u> (Session Coordinator)

Mr. Chamberlain Emmanuel, Head of Environmental Sustainability Division, Organisation of Eastern Caribbean States (OECS) Commission, Castries, Saint Lucia, E-mail: <u>chamberlain.emmanuel@oecs.int</u> (Session Chair)

Ms. Nera Mariz Puyo, Associate Officer in the Climate Action and Inclusive Development Unit in GGGI HQ in Seoul, South Korea, E-mail: <u>mariz.puyo@gggi.org</u> (Session Technical Support)

**Important**: Please register to participate in the session by clicking on the session's title in this link: <a href="https://gggi.org/site/assets/uploads/2021/10/GGGWeek2021-Provisional-Program-ver.-20211018-.pdf">https://gggi.org/site/assets/uploads/2021/10/GGGWeek2021-Provisional-Program-ver.-20211018-.pdf</a> Or directly through this link: <a href="https://us06web.zoom.us/webinar/register/WN\_oktCqe1ERHCq2HPdJyviFA">https://us06web.zoom.us/webinar/register/WN\_oktCqe1ERHCq2HPdJyviFA</a>





## Green Growth Measurement and Innovative Tools to Assess Performance in Sustainable Development Goals (SDGs)

### Monday, 25 October 2021

9:00-11:00 AST (GMT-4), 15:00-17:00 CEST, 22:00 -00:00 KST

## Agenda

Sminutes)     Mr. Ban Ki-Moon, President and Chair, Global Green Growth Institute (GGGI)       V05-9:10     Welcome Remarks, Introduction to Green Growth from GGG's Perspective Ms. Ingvild Solvang, Deputy Director, Head of Climate Action and Inclusive Development Unit, GGGI, Seoul, South Korea       V10-9:20     Welcome Remarks, Introduction to Green Growth from OECS' Perspective and Session Overview Mr. Chamberlain Emmanuel. Head of Environmental Sustainability Division, Organisation of Eastern Caribbean States (OECS) Commission, Castries, Saint Lucia       First Round Presentation     Presentation I: GGG's Green Growth Index and Simulation Tool Presenter: Dr. Lilibeth Acosta Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary Presenters: Mr. Chengchen Qian Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland Dr. Beibel Liu Professor, School of Environment, Nanjing University, Jiangsu Province, China Professor, School of Environment, Nanjing University, Jiangsu Province, China Presenters: Mr. Chamberlain Emmanuel Dr. Lilibeth Acosta Break Sminutes)       0000-10:03     Break Streen Statistics Self-Assessment Tool (ESSAT) for the OECS region Presenter: Ms. Karian Cazarez Assistant Project Manager, Division of Statistics, United Nations Economic Commission for Latin America and the Caribbeal (IN ECLA), Mexico, Mexico       00:05-10:15     Presentations Collection and epulication of datababres to measure green growth] <t< th=""><th></th><th>Agenda</th></t<>		Agenda
Welcome Remarks, Introduction to Green Growth from GGG's Perspective       Ms., Ingvild Solvang, Deputy Director, Head of Climate Action and Inclusive Development Unit, GGGI, Seoul, South Korea       V10-9:20     Welcome Remarks, Introduction to Green Growth from OECS' Perspective and Session Overview Mr. Chamberlain Emmanuel, Head of Environmental Sustainability Division, Organisation of Eastern Caribbean States (DECS) Commission, Castries, Saint Lucia       From global to national/sub-national green growth performance measurement]     Presentation I: GGG's Green Growth Index and Simulation Tool Presenter: Dr. Lilbeth Acosta       Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary     Presentation I: UNEP's Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary       Presentation I: UNEP's Green Economy Progress Index     Presentation II: UNEP's Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary       Pro-Rotation I: UNEP's Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary     Presentation II: UNEP's Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary       Pro-Bobiotic Dia     Presentation II: UNEP's Green Conomy Progress Index       Mr. Chengchen Qian     Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland       Dr. Biblest Science and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland     Presentation II: Memory Presentations       Moderators:	9:00-9:05	
Sminutes     Ms. Ingvild Solvang, Deputy Director, Head of Climate Action and Inclusive Development Unit, GGGI, Seoul, South Korea       Pt10-9:20     Welcome Remarks, Introduction to Green Growth from OECS' Perspective and Session Overview Mr. Chamberlain Emmanuel, Head of Environmental Sustainability Division, Organisation of Eastern Caribbean States (IPCS) Commission, Castries, Saint Lucia       Prom global to national/sub-national green growth performance measurement]     Program       Prozentation I: GGGI's Green Growth Index and Simulation Tool Presenter: Dr. Lilibeth Acosta Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary       Pro20-9:30     Presentation I: UNEP's Green Economy Progress Index Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary       Pro30000     Presentation I: UNEP's Green Economy Progress Index Presenters: Mr. Chengchen Qian Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland Dr. Beibei Liu Professor, School of Environment, Nanjing University, Jiangsu Province, China Professor, School of Environment, Nanjing University, Jiangsu Province, China Professor, School of Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region Presenter: Ms. Karina Cázarez Assistant Project Manager, Division of Statistics, United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC), Mexico, Mexico       Outinutes)     Presentation II: Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region Presenter: Ms. Karina Cázarez Assistant Project Manager, Division of Statistics, United Nations Economic Commission for Latin America and the Caribb	(5 minutes)	Mr. Ban Ki-Moon, President and Chair, Global Green Growth Institute (GGGI)
South Korea     South Korea       P:10-9:20     Welcome Remarks, Introduction to Green Growth from OECS' Perspective and Session Overview       Wn: Chamberlain Emmanuel, Head of Environmental Sustainability Division, Organisation of Eastern Caribbean States (OECS) Commission, Castries, Saint Lucia       Tirst Round Presentations     Presentations       From global to national/sub-national green growth performance measurement]     Presentations       Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary     Presenters:       Dr. Lilibeth Acosta     Presenters:       Mr: Chengchen Qian     Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland       Dr. Beibei Liu     Presenters:       Mdoderators:     Mr. Chamberlain Emmanuel       Out: Objection     Professor, School of Environment, Nanjing University, Jiangsu Province, China       Panel Discussion     Q&A from panel and audience on the presentations       Moderators:     Mr. Chamberlain Emmanuel       Dr. Lilibeth Acosta     Dresentations       Collection and application of databases to measure green growth]     Presentario       Dirochilos     Break       Simules     Second Round of Presentations       Collection and application of databa	9:05-9:10	Welcome Remarks, Introduction to Green Growth from GGGI's Perspective
P:10-9:20   Welcome Remarks, Introduction to Green Growth from OECS' Perspective and Session Overview     Mr. Chamberlain Emmanuel, Head of Environmental Sustainability Division, Organisation of Eastern Caribbean     States (IPCS) Commission, Castries, Saint Lucia     Prom global to national/sub-national green growth performance measurement]     Pro20-9:30   Presentation I: GGGI's Green Growth Index and Simulation Tool     Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary     P:30-9:40   Presentation II: UNEP's Green Economy Progress Index     Presentation II: UNEP's Green Economy Progress Index     Presentation II: Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland     Dr. Lilibeth Acosta     Professor, School of Environment, Nanjing University, Jiangsu Province, China     Professor, School of Environment, Nanjing University, Jiangsu Province, China     Professor, School of Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region     Or. Lilibeth Acosta     Dr. Lilibeth Acosta     Dr. Lilibeth Acosta     Dr. Lilibeth Acosta     Dr. Lilibeth Costa     Dr. Lilibeth Acosta     Dr. Beibei Liu     Dr. Sensition     QGA form panel and audience on the presentations     Moderators: <td>(5 minutes)</td> <td>Ms. Ingvild Solvang, Deputy Director, Head of Climate Action and Inclusive Development Unit, GGGI, Seoul,</td>	(5 minutes)	Ms. Ingvild Solvang, Deputy Director, Head of Climate Action and Inclusive Development Unit, GGGI, Seoul,
10 minutes)   Mr. Chamberlain Emmanuel, Head of Environmental Sustainability Division, Organisation of Eastern Caribbean States (OECS) Commission, Castries, Saint Lucia     First Round Presentation   From global to national/sub-national green growth performance measurement]     220-9:30   Presentation I: GGGI's Green Growth Index and Simulation Tool     Presentation I: GGGI's Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary     P:30-9:40   Presentation II: UNEP's Green Economy Progress Index     Presentation II: UNEP's Green Economy Progress Index   Presentation II: UNEP's Green Economy Progress Index     Presentation II: UNEP's Green Economy Progress Index   Presentation II: UNEP's Green Economy Progress Index     Presentation II: UNEP's Green Economy Progress Index   Presentation     Presentation II: UNEP's Green Economy Progress Index   Presentation     Presentation II: UNEP's Green Economy Progress Index   Presentation     Professor, School of Environment, Nanjing University, Jiangsu Province, China   Presentation     Professor, School of Environment, Nanjing University, Jiangsu Province, China   Presentation     U000-10:05   Break   Sinulate Acosta     Diminutes)   Presentation   Moderators:     Mr. Chamberlain Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region   Presentation		
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From global to national/sub-national green growth performance measurement]     10 minutes)   Presentation I: GGGI's Green Growth Index and Simulation Tool     Presenter:   Dr. Lilibeth Acosta     Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary     P:30-9:40   Presentation II: UNEP's Green Economy Progress Index     Presentation II: Conomic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland     Dr. Beibei Liu   Professor, School of Environment, Nanjing University, Jiangsu Province, China     Panel Discussion   Q&A from panel and audience on the presentations     Moderators:   Mr. Chamberlain Emmanuel     Dr. Lilibeth Acosta   Dr. Ulibeth Acosta     00:00-10:05   Break     S minutes)   Presentation III: Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region     Presentation III: Environment Statistics, United Nations	(10 minutes)	
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10 minutes)   Presenters: Mr. Chengchen Qian Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland Dr. Beibei Liu Professor, School of Environment, Nanjing University, Jiangsu Province, China     0:40-10:00   Panel Discussion Q&A from panel and audience on the presentations Moderators: Mr. Chamberlain Emmanuel Dr. Lilibeth Acosta     0:00-10:05   Break     0:00-10:05   Break     0:00-10:05   Break     0:00-10:05   Presentation of databases to measure green growth]     0:00-10:05   Presentation and application of databases to measure green growth]     0:00-10:05   Presentation III: Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region Presenter: Ms. Karina Cázarez Assistant Project Manager, Division of Statistics, United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC), Mexico, Mexico     0:015-10:25   Presentation IV: Green Growth Measurement based on input-output models with a case study of Morocco Presenter: Ms. Khaoula Houssini School of Environmental Science and Engineering, Shanghai Jiao Tong University, Shanghai, China     0:025-10:45   Panel Discussion Q&A from panel and audience on the presentations Moderators: Mr. Chamberlain Emmanuel Dr. Lilibeth Acosta     0:0:45-10:55   Panelists' Reflection of Key Take Away for Green Growth Performance and Innovative Tools     0:0:45-11:00   Closing Remarks		Program Manager, Green Growth Performance Measurement, GGGI, European Office, Budapest, Hungary
Mr. Chengchen Qian Consultant, Economic and Trade Policy Unit, United Nations Environment Programme (UNEP), Geneva, Switzerland Dr. Beibei Liu Professor, School of Environment, Nanjing University, Jiangsu Province, ChinaPade Discussion Q&A from panel and audience on the presentations Moderators: Mr. Chamberlain Emmanuel Dr. Lilbeth Acosta10:00-10:05 BreakBreakSeinductorPresentation III: Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region Presenter: Ms. Knina Cázarez Assistant Project Manager, Division of Statistics, United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC), Mexico, Mexico(0:01-10:25 Diminutes)0:025-10:25 Dominutes)Presentation III: Environment Statistics, United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC), Mexico, Mexico(0:15-10:25 Dominutes)Presenter: Ms. Khaoula Houssini School of Environmental Science and Engineering, Shanghai Jiao Tong University, Shanghai, China(0:25-10:45 20 minutes)QeA from panel and audience on the presentations Moderators: Mr. Chamberlain Emmanuel Dr. Lilibeth Acosta(0:45-10:55 10 minutes)(0:45-10:55 10 minutes)Panel Discussion (20 minutes)(20 Filtibeth Acosta(20 Filtibeth Acosta(21 Filtibeth Acosta(22 Filtibeth Acosta(23 Filtibeth Acosta(24 Filtibeth Acosta(25 Filtibeth Acosta(25 Filtibeth Acosta(26 Filtibeth Acosta(27 Filtibeth Acosta(28 A from panel and audience on the presentations Moderators: Mr. Chamberla	9:30-9:40	Presentation II: UNEP's Green Economy Progress Index
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Professor, School of Environment, Nanjing University, Jiangsu Province, China     P40-10:00   Panel Discussion     Q&A from panel and audience on the presentations   Moderators:     Moderators:   Mr. Chamberlain Emmanuel     Dr. Lilibeth Acosta   Break     Second Round of Presentations   Break     Collection and application of databases to measure green growth]   Presentation III: Environment Statistics Self-Assessment Tool (ESSAT) for the OECS region     10:005-10:15   Presentation III: Environment Statistics, United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC), Mexico, Mexico     10:15-10:25   Presentation IV: Green Growth Measurement based on input-output models with a case study of Morocco     10:25-10:45   Panel Discussion     20:25-10:45   Panel Discussion     20:25-10:55   Panel Discussion     20:06-11:00   Closing Remarks		
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#### About GGGI

Founded to support and promote the mainstreaming of green growth, GGGI programs and projects target economic growth that is environmentally sustainable and socially inclusive. Headquartered in Seoul, Republic of Korea, GGGI has 40 members with operations in over 35 countries.

