Assessment of selected SDGs and their co-benefits in Hungary's National Clean Development Strategy (NCDS)

8th December 2022 (Thursday) at 9:00-11:40 CET

Organizers

Hungary Country Office, Global Green Growth Institute (GGGI)
Abonyi Lab, University of Pannonia, Veszprém, Hungary
Hungarian Academy of Sciences Regional Committee of Veszprém, Hungary

Overview

The Global Green Growth Institute (GGGI) develops and applies robust models to support its Member Countries' decision-making and prudent planning in the context of carbon-neutrality. In the National Clean Development Strategy (NCDS) that informs about Hungary's national climate neutrality commitment, GGGI has delivered various low-carbon scenarios, such as the late action (LA) and early action (EA) climate neutrality scenarios using the Green Economy Model. Based on these scenarios, significant climate action has positive impacts on the GDP and green jobs.

The analysis was extended to assess co-benefits on selected Sustainable Development Goals (SDG) indicator by using the Green Growth Index Simulation Tool (GGSim) (Figure 1), focusing on transport-related policy measures under Hungary's NCDS. To validate and complement the system dynamics models in the GGSim tool, GGGI is collaborating with Abonyi Lab, University of Pannonia, Veszprém to develop models to assess causality and correlation of SDG indicators and SDG-related variables using network analysis.

Figure 1 Framework for the GGSim tool
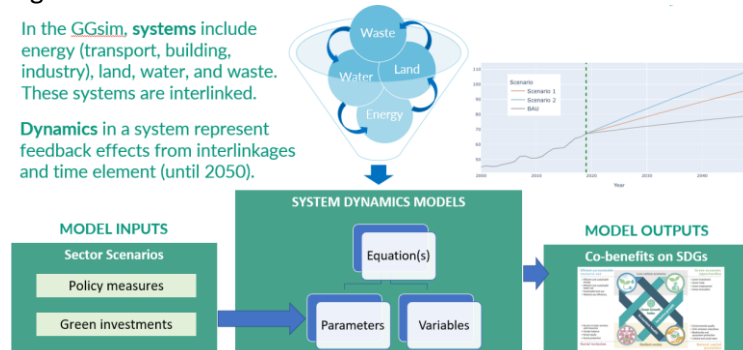
Objectives

The Webinar aims to inform participants on the highlights of the climate neutrality scenarios in Hungary's National Clean Development Strategy (NCDS) using Green Economy Model, results of co-benefits on selected SDG indicators using Green Growth Simulation Tool, and potential of using network analysis to assess SDG co-benefits where lack of data constraints the use of system dynamics models.

Audience

Experts from academic, government and non-government organizations with interest in climate modelling and scenarios and SDG assessments

Venue

Virtual via Zoom link : https://us02web.zoom.us/j/9816527057?pwd=OEh2S3Q2enFKWFNNYXFFblNJMnRIZz09

Agenda

Time	Title	Speaker
9:00 – 9:05 (5 min)	Opening remarks	TBC, Ministry of Technology and Industry, Government of Hungary
9:05 – 9:10 (5 min)	Welcome remarks	TBC, Abonyi Lab, University University of Pannonia, Veszprém, Hungary
9:10 – 9:30 (20 min)	Objectives of the webinar and overview on Hungary's National Clean Development Strategy	Stelios Grafakos, Head of European Office, Climate Action and Inclusive Development Department (CAID), GGGI
9:30 – 9:45 (15 min)	GGGI's concepts and methods for assessment of SDG co-benefits	Lilibeth Acosta, Program Manager, Green Growth Performance Measurement (GGPM), CAID, GGGI
9:45 – 10:15 (30 min)	Application of Green Growth Simulation Tool to assess SDG co-benefits from transport-related policy interventions based on NCDS scenarios	Godwin Paul Adams, Hermen Luchtenbelt, and Sanga Lee, GGPM Consultants, GGGI
10:15 – 10:30 (15 min)	Q&A and discussion	Moderated by Innocent Nzimenyera, GGPM modeler, GGGI, Rwanda
10:30 – 10:45 (15 min)	Abonyi Lab's concepts and methods for SDG assessments	Janos Abonyi, Professor, Department of Process Engineering, University of Pannonia, Veszprém, Hungary
10:45 – 11:15 (30 min)	Application of Network Analysis as complementary approach to assess SDG co-benefits	Tímea Czvetkó and Ádám Ipkovich, Abonyi Lab, University of Pannonia, Veszprém, Hungary
11:15 – 11:30 (15 min)	Q&A and discussion	Moderated by Viktor Sebestyén, Professor, University of Pannonia, Veszprém, Hungary
11:30 – 11:40 (5 min)	Closing remarks	Ingvild Solvang, Deputy Director and Head of CAID, GGGI