



Zero Hunger is possible: Solutions to accelerate transforming to climate resilient agri-food systems

Accelerating pathways through innovation and technology for resilient and climate-smart agrifood systems

COP27 High Level side event

@UN System Pavilion

Monday, 14 November 2022, 15:00 - 16:30 (GMT+2)

Blue zone B | Side Event Pavilion | Osiris Room 6 (on MAP no 10)

Context

The urgent crises of rising hunger caused by impacts of climate change, conflict and the pandemic stand to have effective solutions through the focused pursuit of transforming agrifood systems. Political leadership, innovation, finance, and local drivers of change are key to increase resilience.

It is estimated that up to 828 million people were affected by hunger in 2021, an increase of about 46 million since 2020 and 150 million since the outbreak of the COVID-19 pandemic. These facts make clear the necessary fortification of global commitments to end hunger, food insecurity and malnutrition in all its forms by 2030. Agrifood systems contribute up to 37 percent of global GHG emissions; concurrently, intensifying impacts of climate change will increasingly jeopardize food cultivation.

In this two-pronged problem lays an opportunity for implementing restorative and efficient agrifood system technologies and practices that mitigate contributions to climate change and increase productivity. Across regions, sectors and diverse groups of people there is bountiful and unique knowledge for innovative solutions. Through collaboration, agrifood system technologies and practices can be optimized and implemented to build a global network of inclusive, adaptive, and resilient agrifood systems. By harnessing knowledge sharing, innovation and technology transfer, these techniques will also mitigate the food sector's contribution to climate change and bolster food security. Climate action at global, regional, national and local levels across agrifood systems is fundamental to their transformation in a coherent manner according to, and dependent on, national contexts and capacities, including for the pursuit of other environmental, social and economic objectives.

The aligning goals SDG2 and FAO's new Strategies on Climate Change and Science and Innovation provide the opportunity for productive and informative discourses on innovating solutions towards a climate-smart and nutritious agrifood system, strengthening the commitment to end hunger for all, leaving no one behind.

Objective

While much has been learned about innovation in recent years, policy options for strengthening inclusive agrifood systems innovation need to be developed further. This event will foster discourse and

garner public attention for collaborative innovation of agrifood system technologies and practices that accelerate the transformation towards agrifood systems that are sustainable, inclusive, resilient and adaptive to climate change and its impacts and contribute to low-emission economies while providing sufficient, safe and nutritious foods for healthy diets, as well as other agricultural products and services, for present and future generations, leaving no one behind.

Format

The event will be hybrid format. It will be organized in a fireside chat, encouraging collaborative discussion.

To engage with participants joining virtually, the virtual questions will be posed either through the online platform hosted by the Pavilion.

Agenda

<i>Time</i>	<i>Details</i>
	Opening remarks by Chair
5 min	Mr AbdulHakim Elwaer, Assistant Director-General and Regional Representative, FAO Regional Office for the Near East and North Africa
	Keynote speech
10 min	Dr Johan Rockström, Director of the Potsdam Institute for Climate Impact Research
	Panel discussion moderated by Mr Zitouni Ould-Dada, Deputy Director, Office of Climate Change, Environment and Biodiversity, FAO
	H.E. Ms Liesje Schreinemacher, Minister for Foreign Trade and Development Cooperation, Netherlands
	Mr Moafanua Tolusina Pouli, Assistant CEO, Forestry Division, Ministry of Natural Resources and Environment, Samoa
60 min	Mr Fernando Zelner, Deputy Vice-Minister for Trade and International Relations of the Ministry of Agriculture, Brazil
	Ms Angélica Ponce Chambi, Executive Director, Autoridad Plurinacional de la Madre Tierra
	Ms Jessica Vega, adviser and ex-Chair of Global Indigenous Youth Caucus
	<u>Participation engagement</u> : participants will be encouraged to share examples of best practices and ask questions to panelists in chat box
10 min	Q&A session
	Closing remarks on how to get on track to achieve Zero Hunger
5 min	Mr AbdulHakim Elwaer, Assistant Director-General and Regional Representative, FAO Regional Office for the Near East and North Africa