



Food and Agriculture  
Organization of the  
United Nations

17-21 October 2022

# FAO SCIENCE AND INNOVATION FORUM

Harnessing science, technology  
and innovation for transforming  
our agrifood systems

## PROGRAMME



14:00 – 17:30

## JOINT GRAND OPENING

by [World Food Forum](#), [Science and Innovation Forum](#) and [Hand-in-Hand Investment Forum](#)

*Plenary Hall, FAO, Rome*

17:30 – 19:00

## EXHIBITION AND INTERGENERATIONAL NETWORKING

Opening of the WFF/SIF/Hand in Hand Investment Forum Exhibition

*FAO Atrium, Rome*

09:00 – 10:45

## SPECIAL EVENT

**FAO and WUR transformative partnership: Communicating and harnessing science effectively**

Organized by [FAO](#) & [Wageningen University and Research](#)

*Austria Room, FAO, Rome*

10:45 – 11:00

## BREAK

11:00 – 12:45

## SPECIAL EVENT

**Digital Village Initiative in Asia and the Pacific: Progress and Lessons from select countries**

Organized by [FAO Regional Office for Asia and the Pacific \(FAO RAP\)](#)

*Hybrid from Bangkok*

## SPECIAL EVENT

**Greening our future: The potential of science, and innovation and youth empowerment for greening agrifood systems**

Organized by [FAO Regional Office for Europe and Central Asia \(REU\)](#)

*Hybrid from Budapest*

12:45 – 14:00

## LUNCH

14:00 – 15:45

## SPECIAL EVENT

**How can science and innovation contribute to Sustainable Livestock in Latin America and the Caribbean?**

Organized by [FAO Regional Office for Latin America and the Caribbean \(FAO RLC\)](#)

*Hybrid from Santiago*

## SPECIAL EVENT

**Science, Technology and Innovation (STI) for improving agricultural productivity and competitiveness in Africa**

Organized by [FAO Regional Office for Africa \(FAO RAF\)](#)

*Hybrid from Accra*

15:45 – 16:00

## BREAK

16:00 – 17:45

## SPECIAL EVENT

**Partnership for co-developing research and innovation: sharing experiences from FAO and Cirad, INRAE & IRD**

Memorandum of understanding between [FAO](#) and [Cirad](#), [INRAE](#) & [IRD](#)

*Mexico Room, FAO, Rome*

## SPECIAL EVENT

**Harnessing science and innovation for sustainable livestock transformation**

*King Faisal Room, FAO, Rome*

09:00 – 10:45	<b>SPECIAL EVENT</b> <b>Data science and data use in science and innovation for agrifood systems</b> <i>Mexico Room, FAO, Rome</i>	<b>SPECIAL EVENT</b> <b>Global crop Mapping</b> <i>King Faisal Room, FAO, Rome</i>	<b>SPECIAL EVENT</b> <b>Harnessing science, technology and innovation for advancing water-energy-food nexus</b> Organized by <b>FAO Regional Office for Near East and North Africa (FAO RNE)</b> <i>Hybrid from Cairo</i>
09:30 – 13:30	<b>SPECIAL EVENT</b> <b>Agrifood Systems based on circular economy</b> Organized by <b>Italy</b> <i>Sala Spadolini, Ministero della Cultura, via del Collegio Romano, 27, Rome</i>		
10:45 – 11:00	<b>BREAK</b>		
11:00 – 12:45	<b>SPECIAL EVENT</b> <b>Investment in research for development: Are we on the right track?</b> <i>Mexico Room, FAO, Rome</i>	<b>SPECIAL EVENT</b> <b>Food loss and waste reduction: How can we better integrate science and innovation in our actions?</b> <i>Lebanon Room, FAO, Rome</i>	
12:45 – 14:00	<b>LUNCH</b>		
14:00 – 15:45	<b>OPENING OF THE FAO SCIENCE AND INNOVATION FORUM</b> <b>The Transformative Power of Science - Are we doing enough to harness the potential of science and innovation to achieve the SDGs?</b> <i>Plenary Hall, FAO, Rome</i>		
15:45 – 16:00	<b>BREAK</b>		
16:00 – 17:45	<b>MAIN STAGE</b> <b>Science, Policy and Society Interface: Challenges and opportunities</b> <i>Plenary Hall, FAO, Rome</i>		
17:45 – 18:00	<b>BREAK</b>		
18:00 – 19:30	<b>MAIN STAGE</b> <b>Science and investments for transformative agrifood systems pathways (UNFSS Hub)</b> <i>Plenary Hall, FAO, Rome</i>	<b>SPECIAL EVENT</b> <b>Science and innovation to face hunger and food insecurity:</b> Experiences from the partnership between the Right to Food Observatory, Spanish and Mexico Cooperation Organized by <b>FAO Regional Office for Latin America and the Caribbean (FAO RLC)</b> <i>Hybrid from Santiago</i>	

09:00 – 10:45	<b>MAIN STAGE</b> <b>Chief Scientists' Round table: Science and innovation for SDG2</b> <i>Plenary Hall, FAO, Rome</i>	<b>PARALLEL</b> <b>Marrying technical progress and knowledge integration for better One Health outcomes in agrifood systems</b> <i>Sheikh Zayed Center, FAO, Rome</i>	<b>ONE DAY SPECIAL EVENT</b> <b>Innovations in soil and plant nutrients management</b> [Ministerial segment] <i>Red Room, FAO, Rome</i>
10:45 – 11:00	<b>BREAK</b>		
11:00 – 12:45	<b>MAIN STAGE</b> <b>FAO Science and Innovation Strategy: what's next?</b> <i>Plenary Hall, FAO, Rome</i>	<b>PARALLEL</b> <b>Roadmap for Blue Transformation: Harnessing science and innovation for aquatic food systems</b> <i>Sheikh Zayed Center, FAO, Rome</i>	<b>ONE DAY SPECIAL EVENT</b> <b>Innovations in soil and plant nutrients management</b> [Technical sessions] <i>Red Room, FAO, Rome</i>
12:45 – 14:00	<b>LUNCH</b>		
14:00 – 16:00	<b>MAIN STAGE</b> <b>Increasing Agricultural Productivity in Africa: Can STI help Africa to make a quantum leap in agricultural productivity?</b> <i>Plenary Hall, FAO, Rome</i>	<b>PARALLEL</b> <b>Science and innovation for connecting forests and people</b> <i>Sheikh Zayed Center, FAO, Rome</i>	
15:45 – 16:00	<b>BREAK</b>		
16:00 – 17:45	<b>MAIN STAGE</b> <b>Introducing the Agrifood Systems Technologies and Innovations Outlook (ATIO)</b> <i>Plenary Hall, FAO, Rome</i>	<b>PARALLEL</b> <b>Back to the roots: Traditional diversification and Indigenous Peoples' knowledge for agrifood system transformation</b> <i>Sheikh Zayed Center, FAO, Rome</i>	<b>SPECIAL EVENT</b> <b>STI Roadmaps: The role of digital technologies in agricultural production/consumption</b> Organized by DESA, FAO, UN Tech Envoy Office, EC/JRC, and UNESCO <i>Virtual</i>
17:45 – 18:00	<b>BREAK</b>		
18:00 – 19:00	<b>MAIN STAGE</b> <b>Global Assessment and Solutions for the Fertilizer Crisis</b> <i>Red Room, FAO, Rome</i>		
19:00 – 21:00	<b>SCIENCE AND INNOVATION FORUM RECEPTION</b> <i>Cafeteria (8th floor), FAO, Rome</i>		

09:00 – 10:45	<b>MAIN STAGE</b> <b>Levelling the playing field: Eliminating inequalities in accessing science, technology and innovation across value chains</b> <i>Plenary Hall, FAO, Rome</i>	<b>PARALLEL 1</b> <b>Gene editing techniques and agrifood systems</b> <i>Red Room, FAO, Rome</i>	<b>PARALLEL 2</b> <b>Science and innovation for better nutrition through healthy diets from sustainable agrifood systems</b> <i>Sheikh Zayed Center, FAO, Rome</i>
10:45 – 11:00	<b>BREAK</b>		
11:00 – 12:45	<b>MAIN STAGE</b> <b>Digitalization of agrifood systems</b> <i>Plenary Hall, FAO, Rome</i>	<b>PARALLEL 1</b> <b>Future we want: Putting science and innovation on fast track to enhance climate action across agrifood systems</b> <i>Red Room, FAO, Rome</i>	<b>PARALLEL 2</b> <b>Enhancing resilience in marginal agricultural areas: Can Science, Technology and Innovation (STI) play a meaningful role?</b> <i>Sheikh Zayed Center, FAO, Rome</i>
12:45 – 14:00	<b>LUNCH</b>		
14:00 – 16:00	<b>CLOSING OF WORLD FOOD FORUM, SCIENCE AND INNOVATION FORUM AND HAND IN HAND INVESTMENT FORUM</b> <b>Science and Innovation Forum Segment – Key Messages and Recommendations</b> <i>Plenary Hall, FAO, Rome</i>		

**19 OCTOBER WEDNESDAY**

**14:00 – 15:00** **InnovationLab: Open talk about innovative Initiatives**  
World Reindeer Herders & Indigikitchen & Les enfants cuisinen & Apimondia Facilitated by **Soraya Sadeghi**

**20 OCTOBER THURSDAY**

**09:30 – 11:00** **InnovationLab: Indigenous Youth on entrepreneurship and agrifood systems start-ups**  
Nord University, Norway Facilitated by **Florian Doerr**

**11:00 – 12:30** **InnovationLab: Interactive Workshop "Innovative storytelling through photography"**  
Jean-Pierre Gabriel Facilitated by **Anne Brunel**

**12:30 – 13:00** **Innovation Lab: Bee communication**  
Apimondia Facilitated by **Anne Brunel**

**17:00 – 18:30** **VirtualiTea on Indigenous Women's scientific knowledge**  
Facilitated by **Marcela Villarreal**, FAO Director of Partnerships and UN Collaboration Division

