



Food and Agriculture
Organization of the
United Nations

FAO SCIENCE AND INNOVATION

Harnessing science,
technology and
innovation for
transforming our
agrifood systems

FORUM

17-21
October
2022

Objectives

- ❑ Explore scientific and technological advances and associated risks and opportunities
- ❑ Analyze options for strengthening science and evidence-based decision-making
- ❑ Share robust science and evidence-based options for more efficient, inclusive, resilient and sustainable agrifood systems
- ❑ Assist Members in making informed decisions regarding the co-creation and adoption of appropriate and context-specific technologies and innovations
- ❑ Promote effective science communication, including by engaging on contentious issues



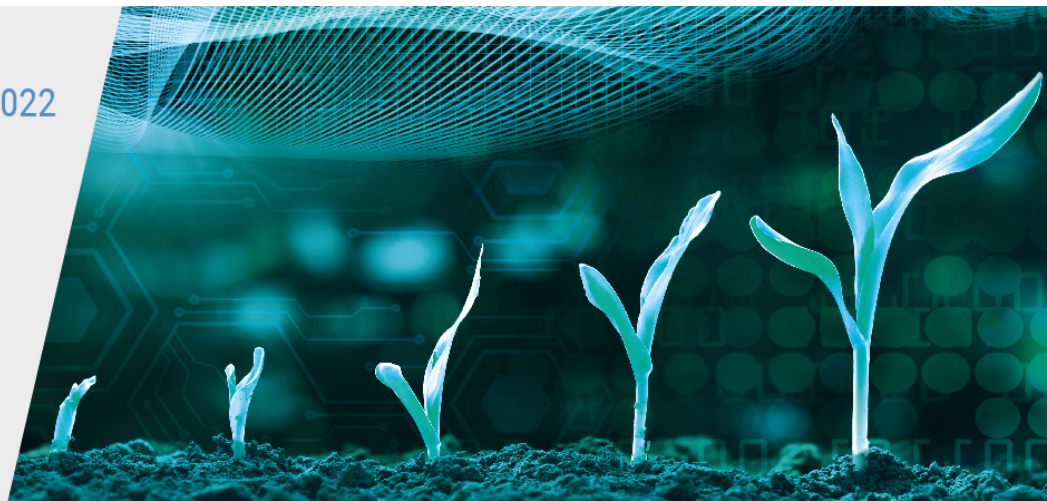
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#SIF2022

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Self Managed Side events (12–14 October 2022)

- ❑ No. of proposals approved - 95
- ❑ Fully independent and fully virtual
- ❑ Themes covered:
 - Capacity development
 - Research for development
 - Enhancing evidence base
 - Access to technologies and innovation for small scale producers
 - Science- policy interface
 - Science communication



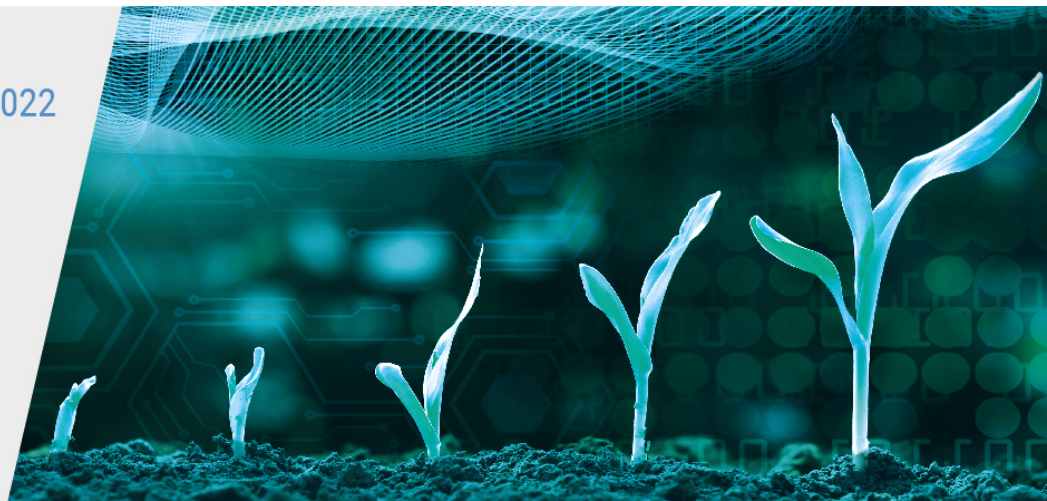
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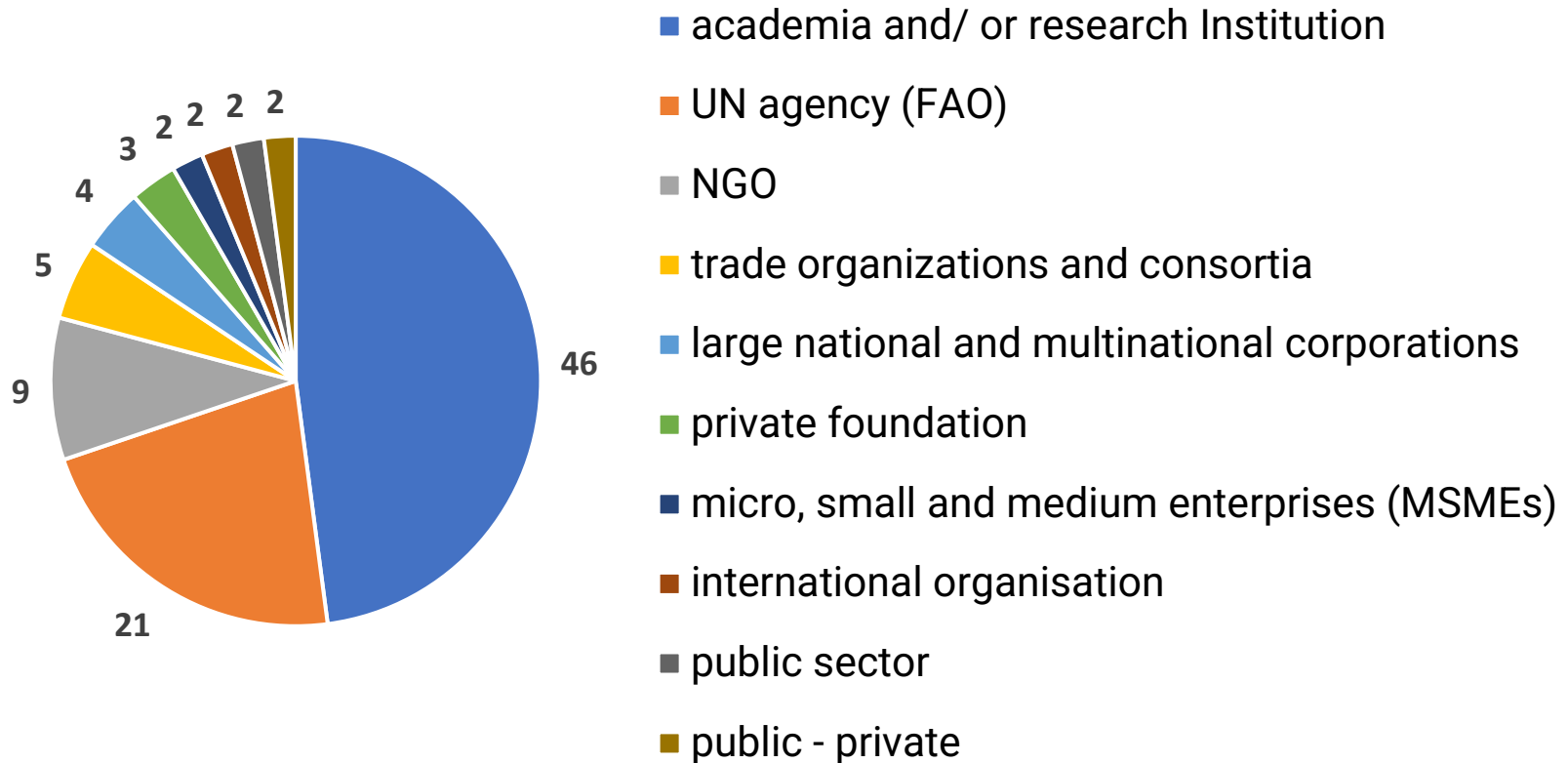
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2022 Science and Innovation Forum | Side events

12 – 14 Oct 2022

Type of Lead Organisations





| Side events|

12 – 14 Oct 2022

DAY 1: Wednesday 12 October



SIDE EVENT

A cutting-edge
genomics technology
that may revolutionize
plant and animal
research

12 October | 9:00-11:00 am
(CEST) | Virtual



SIDE EVENT

Agrivoltaics in the
Mediterranean
Region: opportunities,
legal and technical
issues

12 October | 10:30 am-
12:00 pm (CEST)



SIDE EVENT

Animal Resources for
a Sustainable
Environment

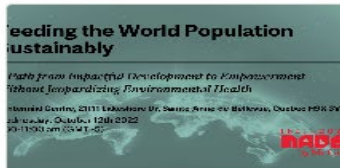
12 October | 2:30-4:30 pm
(CEST) | Virtual



SIDE EVENT

Co-creating
responsible
innovation ecosystems
that enable systemic
change of food
systems

12 October | 4:00 -5:30 pm
(CEST) | Virtual



SIDE EVENT

Feeding the World
Population
Sustainably

12 October | 9:30-11:00 am
(GMT -5) | Virtual



SIDE EVENT

Food Science and
Technology Solutions
to Minimize Food
Waste

12 October | 8:00- 9:00 am
(CT)



SIDE EVENT

How to create
Indonesian's young
healthy and beyond

12 October | 13:30 (GMT+7)



SIDE EVENT

Importance of
Awareness on the
Ecosystem Services
Toward Food Security

12 October | 10:00 (UTC+03)
| Virtual

Programme for the week (17 – 21 October)



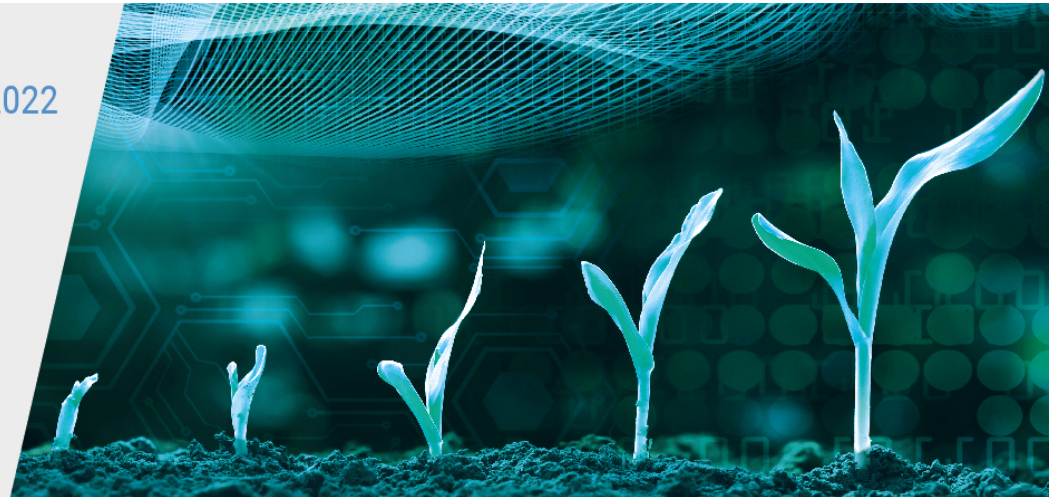
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Programme for the week (17 – 21 October)

- Special events organized by the FAO Regional Offices (18-19 October) – 6
- Topics:
 - **RAP:** Digital Village Initiative in Asia and the Pacific: Progress and Lessons from select countries
 - **RNE:** Water, Energy and Food Nexus: What does the future look like?
 - **RLC:** How can science and innovation contribute to Sustainable Livestock in Latin America and the Caribbean?
 - **RLC:** Science and innovation to face hunger and food insecurity: Experiences from the partnership between the Right to Food Observatory, Spanish and Mexico Cooperation
 - **RAF:** Science, Technology and Innovation (STI) for improving agricultural productivity and competitiveness in Africa
 - **REU:** Greening our future: The potential of science, and innovation and youth empowerment for greening agri-food systems

Programme for the week (17 – 21 October)

- Special events organized by FAO & Partners (18-20 October) – 4
- Topics:
 - **FAO – WUR:** *FAO and WUR transformative partnership: Communicating and harnessing science effectively*
 - **FAO – French:** *MoU Between FAO AND French Research Institutes*
 - **FAO – Italy:** *Agrifood Systems based on circular economy*
 - **FAO – UNDESA:** *STI Roadmaps: The role of digital technologies in agriculture production/consumption (Virtual)*



Programme for the week (17 – 21 October)

- Thematic Special events by FAO (19 -20 October) – 5
- Themes:
 - Data science and data use in science and innovation for agrifood systems
 - Global crop Mapping
 - Investment in research for development: Are we on the right track?
 - Food loss and waste reduction: How can we better integrate science and innovation in our actions?
 - INNOVATIONS IN SOIL AND PLANT NUTRIENTS MANAGEMENT (ONE DAY)



Programme for the week (17 – 21 October)

- MAIN STAGE EVENTS (19 -21 October) – 9
- Topics:
 - Opening of Science and Innovation Forum: Power of Science and Science Communication – Chief Scientists of the UN Agencies (Round Table)
 - Science, Policy and Society Interface: Challenges and opportunities
 - Science and investments for transformative agrifood systems pathways: The power of science on transforming food systems (Launching of the Scientific Advisory Group of the UN Food Systems Coordination Hub)
 - FAO's Science and Innovation Strategy: What's next?
 - Chief Scientists' Round table: Science and innovation for SDG2
 - Increasing Agricultural Productivity in Africa: Can STI help Africa to make a quantum leap in agricultural productivity?
 - Launch of Agriculture Technology and Innovation Outlook (ATIO)
 - Levelling the playing field: Eliminating inequalities in accessing science, technology and innovation across value chains
 - Digitalization of agrifood systems



Programme for the week (17 – 21 October)

- PARALLEL EVENTS (19 -21 October) – 8
- Topics:
 - Marrying technical progress and knowledge integration for better One Health outcomes in agrifood systems
 - Roadmap for Blue Transformation: Harnessing science and innovation for aquatic food systems
 - Science and innovation for connecting forests and people
 - Back to the roots: Traditional diversification and indigenous knowledge for agrifood system transformation
 - Gene editing techniques and agrifood systems
 - Science and innovation for better nutrition through healthy diets from sustainable agrifood systems
 - Future we want: Putting science and innovation on fast track to enhance climate action across agrifood systems
 - Enhancing resilience in marginal agricultural areas: Can Science, Technology and Innovation (STI) play a meaningful role?



Programme for the week (17 – 21 October)

Others (17 -21 October)

- Intergenerational networking (Scientists & Youth) (17 October)
- **EXHIBITION & Videos: Science and Innovation**
- **Ministerial Session – Innovations in soil and plant nutrient management (20 October)**
- **SCIENCE AND INNOVATION FORUM RECEPTION (20 October)**



Some Statistics

Invited scientists, policy-makers, development professionals, civil society representatives and FAO Members	:	~ 300
Number of participants attended technical sessions (week of 17 October) virtually	:	> 12 000
Number of participants attended sessions (week of 17 October) physically	:	~1500
Number of participants attended independently organized side events	:	> 10 000



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Thank you!

Please follow the link:

<https://www.fao.org/science-technology-and-innovation/science-innovation-days/en>