

The global agricultural sector faces unprecedented challenges from climate change, including erratic weather, reduced crop yields, and food system vulnerabilities. To address these challenges and ensure food security for a growing population, and foster the development of climate-resilient agri-food systems that can adapt to changing environmental conditions, FAO is organizing the FAO Science and Innovation Forum 2023 with the theme "Science and Innovation for Climate Action."

FAO's AI and Digital Tools for Climate Resilient Agri-Food Systems' event aims to showcase concrete examples of technological innovations transforming traditional agricultural practices into sophisticated, data-driven systems protecting efficiently our people and our planet. It aspires to highlight and explore the potential of new digital technologies, with a focus on AI and digital tools' pivotal role in building climate-resilient agri-food systems that are more efficient, sustainable, and adaptable to the challenges posed by a changing climate. It will spark dialogue on how to enable sustainable agriculture and climate actions, for adaptation, mitigation and resilience driven by a safe use of data and technology, to open the path toward the Agriculture of the Future, harming no one and leaving no one behind.

# AGENDA

1

## EVENT OPENING

Dejan Jakovljevic, CIO and Director of Digitalization and Informatics Division, Food and Agriculture Organization

STARTING 14.30

2

## OPENING REMARKS, FAO DIRECTOR-GENERAL,

Qu Dongyu, Director-General, Food and Agriculture Organization

STARTING 14.35

3

## KEYNOTE, FAO CHIEF ECONOMIST,

Máximo Torero, Chief Economist, Food and Agriculture Organization

STARTING 14.40

4

## INTERNATIONAL ATOMIC ENERGY AGENCY PERSPECTIVE

Najat Mokhtar, Deputy Director General and Head of the Department of Nuclear Sciences and Applications, International Atomic Energy Agency

STARTING 14.50

5

## FAO OFFICE OF INNOVATION PERSPECTIVE

Vincent Martin, Director of Office of Innovation, Food and Agriculture Organization

STARTING 15.00

6

## EUROPEAN COMMISSION JOINT RESEARCH CENTRE PERSPECTIVE

Salla Saastamoinen, Deputy Director-General, European Commission Joint Research Centre

STARTING 15.10

7

## FRAUNHOFER HEINRICH HERTZ INSTITUTE PERSPECTIVE

Sebastian Bosse, Head of Interactive & Cognitive Systems Group, Fraunhofer Heinrich Hertz Institute

STARTING 15.20

8

## DIGITAL GREEN PERSPECTIVE

Rikin Gandhi, Founder and Chief Executive Officer, Digital Green

STARTING 15.30

9

## FIRECHAT SESSION

Najat Mokhtar, Vincent Martin, Salla Saastamoinen, Sebastian Bosse, Rikin Gandhi

STARTING 15.40

10

## WINNER QUESTION

Selected question picked from the social media wall

STARTING 15.50

11

## CLOSING REMARKS

Dejan Jakovljevic, CIO and Director of Digitalization and Informatics Division, Food and Agriculture Organization

STARTING 15.55