

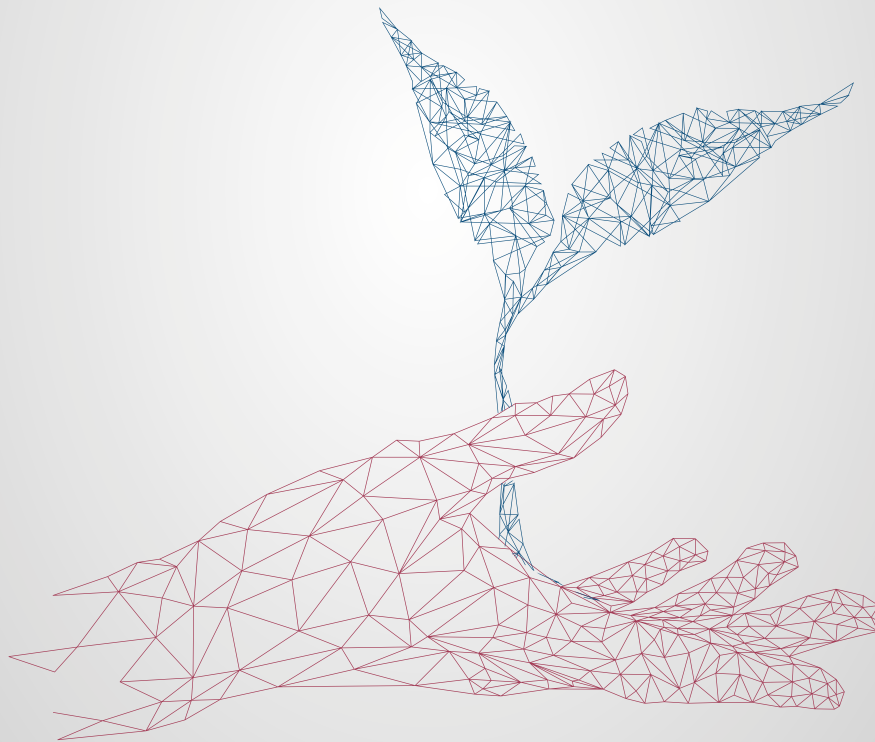


Food and Agriculture
Organization of the
United Nations

DIGITAL AGRICULTURE TRANSFORMATION S E M I N A R

The challenges to be addressed

FAO Headquarters, Rome
12 to 13 June 2019



PROGRAMME



WEDNESDAY **12 JUNE** 2019

9.30 – 10.00
Green Room

OPENING CEREMONY

- **José Graziano da Silva**, Director-General, FAO
- **Chang-Gyu Hwang**, CEO, Korea Telecom

10.00 – 11.15
Green Room

HIGH-LEVEL PANEL 1

STRENGTHENING SMALLHOLDERS BY BRIDGING THE RURAL DIGITAL DIVIDE

Chair: **Her Excellency Delphine Borione**, Ambassador, Permanent Representative of France to FAO, IFAD, and WFP

Strengthening smallholders by bridging the rural digital divide

Panelists

- **Ke Tang**, Director General of Department of Market and Informatization, Ministry of Agriculture and Rural Affairs, P.R. China
Digital agriculture and rural areas – practices in China
- **Thouraya Triki**, Director of Sustainable Products, Markets and Institutions, International Fund for Agriculture Development (IFAD)
Making ICT work for smallholders: IFAD perspective
- **Maximo Torero Cullen**, Assistant Director-General, Economic and Social Development Department, FAO
Benefits and risks of digitalization for the poor and smallholders
- **Christophe Larose**, Head, Sector of Sustainable Agriculture from EU- European Commission – DG International Cooperation and Development, Belgium
Digital4Development strategy in EU support to sustainable agriculture

11.15 – 12.30
Green Room

HIGH-LEVEL PANEL 2

DATA PROTECTION, OWNERSHIP AND ETHICAL USE: PROTECTING FARMERS AND ENABLING MARKETS

Chair: **Enrica Porcari**, Chief Information Officer and Director, Technology Division, United Nations World Food Programme (WFP), Italy

Data protection, ownership and ethical use: protecting farmers and enabling markets

Panelists

- **Christian-Reimsbach-Kounatze**, Directorate for Science, Technology and Industry (STI), Organisation for Economic Co-operation and Development (OECD)
Enhancing access to and sharing of data: Reconciling risks and benefits for data re-use across societies
- **Jean-Philippe Grelot**, Expert in Geographic and digital data, Ministry of Food and Agriculture, France
Répondre à des besoins collectifs, dynamiser les innovations, garantir les droits individuels: défis simultanés de l'exploitation de données massives
- **Manuel Allara**, Director, Risk Advisory Practice, Deloitte
Data protection, ownership and ethical use: protecting farmers and enabling markets

12.30 – 14.00
FAO Atrium

FAO DIGITAL SERVICES PORTFOLIO

14.00 – 15.30
Green Room

HIGH-LEVEL PANEL 3

POLICIES AND STANDARDS FOR DIGITAL AGRICULTURE: THE ROLE OF THE INTERNATIONAL COMMUNITY (CONNECTIVITY, LITERACY, REGULATION)

Chair: **Gwendolen DeBoe**, Economist, Agriculture and Environment Trade and Agriculture Directorate, OECD
Digital agriculture: how the international community can help

Panelists

- **Michael Hailu**, Director, Technical Agricultural and Rural Cooperation ACP-European Union (CTA), the Netherlands
Scaling up digitalisation for agriculture – challenges and opportunities
- **Archil Bukia**, Deputy Head, Agriculture Projects Management Agency (APAMA), Georgia
E-evolution of APMA
- **William Beam**, Deputy Administrator for Farm Programs, United States Department of Agriculture, USA
Farm Service Agency and Precision Agriculture
- **Daniel Azevedo**, Director, Trade Division and Digital Agriculture Department, Committee of Professional Agricultural Organisation & General Confederation of Agricultural Cooperatives (COPA-COGECA)
It's strategy, not technology, the real driver of digital agricultural

15.30 – 17.00
Green Room

HIGH-LEVEL PANEL 4

TECHNOLOGY IMPACT ASSESSMENT: RISKS, OPPORTUNITIES AND STATE-OF-THE-ART FOR DIGITAL AGRICULTURE AND FAMILY FARMING

Chair: **Bukar Tijani**, Assistant Director-General, Agriculture and Consumer Protection Department, FAO
Technology Impact assessment: risks, opportunities and state-of-the-art for digital agriculture and family farming

Panelists

- **His Excellency François Pythoud**, Ambassador, Permanent Representative of Switzerland to FAO, IFAD and WFP, Switzerland
Charter on the Digitalisation of Swiss Agriculture and Food Production
- **Saysongkham Sayavong**, Head, GIS Unit, Department of Agricultural Land Management, Ministry of Agriculture, Lao People's Democratic Republic
Climate change adaptation at the multiple temporal and spatial scales in Lao PDR
- **Deborah Romney**, Global Director, Development, Communication and Extension, Centre for Agriculture and Biosciences International (CABI), United Kingdom
Digital challenges and opportunities in delivery of advisory services – using examples from CABI work with partners
- **Andrea Ferrante**, Coordinator, Schola Campesina, Italy
The role of digital agriculture in agroecology and food sovereignty

17.30 – 20.00
FAO Terrace

RECEPTION





THURSDAY **13 JUNE** 2019

09.00 – 17.00

Atrium

FAO DIGITAL SERVICES PORTFOLIO

09.00 – 10.30

Green Room

SESSION 1

**DIGITAL TRANSFORMATION – RISKS AND OPPORTUNITIES FOR FOOD AND AGRICULTURE
SECTOR: THE ROLE OF THE PRIVATE SECTORS**

Chair: **Roberto Ridolfi**, Assistant-Director-General, Programme Support and Technical Cooperation Department, FAO

Digital Transformation – Risks and opportunities for Food and Agriculture sector: The role of the private sectors

Speakers

- **His Excellency, Kip Tom, Ambassador**, Permanent Representative of the United States of America to IFAD and WFP, United States
[Closing the digital divide](#)
- **Srinivasu Pappula**, Chief Scientist and Global Head Digital Farming Initiatives of Tata Consultancy Service, India
[Transforming Rural Economies with PRIDE \(TM\)](#)
- **Bernhard Yvetot**, Vice-President, International Strategy, Orange Group Strategy Division, France
[Orange eAgriculture solutions in Africa](#)
- **Francesco Iervolino**, Partner, Deloitte Officine Innovazione, Italy
[How Open Innovation can help the food and agriculture sector](#)

10.30 – 12.00

Green Room

SESSION 2

INNOVATION LABS AND G-20: ADDRESSING THE 2030 AGENDA

Chair: **Árni M. Mathiesen**, Assistant Director-General, Fisheries and Aquaculture Department, FAO
Innovation Labs and G-20: Addressing the 2030 Agenda

Speakers

- **Engel Hessel**, Commissioner for Digitalisation and Director for Digital Innovation at the Federal Ministry of Food and Agriculture, Germany
[Exchanging Ideas for the Digital Future of Agriculture – What structures do we need?](#)
- **Song Wang**, Division Director of Department of Market and Informatization, Ministry of Agriculture and Rural Affairs, P.R. China
[Information Technology for Sustainable Agricultural and Rural Development](#)
- **Bernhard Kowatsch**, United Nations World Food Programme (WFP) Innovation Accelerator
[#DisruptHunger and the WFP Innovation Accelerator](#)
- **Jean-Philippe Dop**, Deputy Director-General, World Organisation for Animal Health (OIE)
[The challenges of digitalization and animal health global approach to address the 2030 agenda](#)

12.00 – 13.30

Atrium

FAO DIGITAL SERVICES PORTFOLIO

13.30 – 14.45
Green Room

SESSION 3

DIGITAL INNOVATION TO TACKLE CLIMATE CHANGE: DEVELOPING AGROMETEOROLOGICAL AND AGRO-CLIMATOLOGICAL CAPACITY IN DEVELOPING COUNTRIES

Chair: **René Castro-Salazar**, Assistant Director-General, Climate, Biodiversity, Land and Water Department, FAO
Climate, biodiversity and nutrition nexus

Speakers

- **Michele Bernardi**, Senior Consultant in Agrometeorology and Early Warning Systems, Italy
Understanding user needs for climate services for agriculture: the role of digital innovation
- **Srinivasan Arunachalam**, JMR InfoTech CEO, India
Connecting the dots... time is now
- **Arif Satria**, Rector Bogor Agricultural University, Indonesia
Digital innovation to tackle climate change
- **Livia Peiser**, Technical Officer, Climate, Biodiversity, Land and Water Department, FAO
Earth observation to increase water productivity (Water Productivity Assessment – WAPOR)

14.45 – 16.00
Green Room

SESSION 4

DIGITAL INNOVATION ECOSYSTEM – BUILDING CAPACITY AND PARTNERSHIP TO DEVELOP LOCAL-LED YOUTH ENTERPRISES

Chair: **His Excellency Hans Hoogeveen**, Ambassador, Permanent Representative of the Kingdom of the Netherlands to FAO, IFAD and WFP, Netherlands
Digital Innovation Ecosystem – Building capacity and partnership to develop local-led youth enterprises

Speakers

- **Marco Gualtieri**, Founder and Chairman, Seeds and Chips, Italy
Digital Innovation Ecosystem – Building capacity and partnership to develop local-led youth enterprises
- **Tom Anyonge**, Lead Technical Specialist on Youth at the Environment, Climate, Gender and Social Inclusion Division, IFAD
Supporting digitalization of young smallholder farmers
- **Alex Ntale**, CEO KLAB, Rwanda
Digital Innovation Ecosystem
- **Nevena Alexandrova-Stefanova**, Agricultural Extension Officer (Systems), FAO
Agricultural extension – youth interface towards digital agriculture transformation

16:00 – 16:30
Green Room

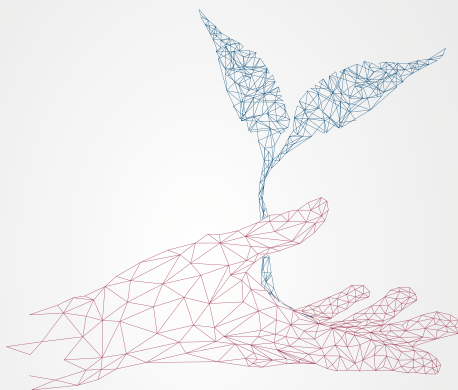
CLOSING SESSION

OUTCOMES PRESENTATION BY CHAIRS

- **Her Excellency Delphine Borione**
- **Enrica Porcari**
- **Gwendolen DeBoe**
- **Bukar Tijani**
- **His Excellency Hans Hoogeveen**

CLOSING REMARKS

Seminar Facilitator: **Hlami Ngwenya**



#AgInnovation

www.fao.org/about/meetings/digital-agriculture-transformation

Access the latest version of the agenda: www.fao.org/3/ca4988en/ca4988en.pdf

Contact

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