



## Scientific Group for the UN Food Systems Summit (2021)

# 8<sup>th</sup> Scientific Group meeting, June 16<sup>th</sup>, 2021

## Agenda, Progress, and Plans



# Agenda and timing

14.00 – 14:30 **1) Update on Food Systems Summit processes** –new research products from ScGroup and partners; emerging modelling; emerging Pre-Summit and Summit agenda;

14:30 – 15:00 **2) The Science Days** – Program and Side Events, update

15:00 – 15:50 **3) Draft FSS Science and Innovations Agenda paper** - draft from June 12th to be discussed by the ScGroup

15:50- 16:00 **4) Any Other Business**

# Agenda and timing

## 14.00 – 14:30 **1) Update on Food Systems Summit processes –**

- new research products from ScGroup and partners;
  - True Cost of Food
  - Models on SDG2
  - White/Wiphala Paper on Indigenous Peoples' food systems
  - More see at <https://sc-fss2021.org/materials/fss-briefs-by-partners-of-scientific-group/>
- emerging modelling
  - Relating to possible SG Action proposals
- Draft Pre-Summit and Summit agenda;

## Deliverables at the Pre-Summit will Serve as a First Set of the Summit's Overall Portfolio to Set a High Bar

Draft – For Discussion

	Pre-Summit	Summit	Total Envisioned
<b>Statement of Action</b>	<ul style="list-style-type: none"> <li>Summary of key insights, lessons, and points from the whole process</li> </ul>	<ul style="list-style-type: none"> <li>SG Statement of Action build on the summary from the Pre-Summit</li> </ul>	<ul style="list-style-type: none"> <li>SG Statement of Action (a concise document accompanied by annex)</li> </ul>
<b>Commitments from Member States and Constituencies</b>	<ul style="list-style-type: none"> <li>~5 HoS</li> <li>~5 Eminent Persons (linked to the coalitions of action)</li> <li>1 commitment from each major constituency – producers, IPs, youth, civil society, private sector, finance</li> </ul>	<ul style="list-style-type: none"> <li>~50+ HoS</li> <li>~25 Eminent Persons and influencers (linked to coalitions of action and themes)</li> <li>1000+ Commitments from constituency members</li> <li>Finance mechanisms launched and/or scaled</li> </ul>	<ul style="list-style-type: none"> <li>~55+ HoS</li> <li>~30+ Eminent Persons</li> <li>1,000+ commitments from constituency members</li> <li>Finance mechanisms and commitments scaled</li> </ul>
<b>Coalitions of Action</b>	<ul style="list-style-type: none"> <li>~5 launched or scaled</li> <li>(~15 strengthened)</li> </ul>	<ul style="list-style-type: none"> <li>Remaining ~15 launched or scaled (others on table for follow up)</li> </ul>	<ul style="list-style-type: none"> <li>~20-25 Coalitions of Action</li> </ul>
<b>Follow Up</b>	<ul style="list-style-type: none"> <li>Alignment around 90+% of the approach</li> </ul>	<ul style="list-style-type: none"> <li>Launch of the follow up approach</li> </ul>	<ul style="list-style-type: none"> <li>A clear approach to follow up</li> </ul>

# Pre-Summit Portfolio of Deliverables

## Legend

New Coalitions from the FSS
Existing Coalitions to Strengthen with FSS

1

Secretary General’s Statement of Action - Areas of Convergence

End Hunger and Nourish All People	Wellbeing and Responsible Consumption	Climate, Biodiversity, & Planetary Boundaries	Livelihoods and Empowered Communities	Resilience	Knowledge and Innovation
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- 2
- National Food Systems Transformation Pathways / Strategies
- 3
- Regional Food Systems Transformation Pathways / Strategies
- 4
- Coalitions of Action (examples given for illustration only)
- 5
- Constituency Commitments
- 6
- Knowledge Base
- 7
- Follow Up

100+ Statements on Individual National Food Systems Transformation Pathways / Strategies

One Heads of State Commitment from each region:  
1) Americas  
2) Europe  
3) Africa  
4) Asia  
5) Pacific

4-5 Statements on Regional Pathways (Africa, Caribbean, Europe, Mediterranean, Pacific)

TBC

TBC

TBC

TBC

TBC

1 commitment per constituency (producers, youth, IPs, civil society, private sector, SMEs, cities)

Launch Solutions Repository

Scientific Group Agenda Paper

Harvesting progress from FSS Dialogues

Harvesting progress from ATs & Constituencies

Constituencies

ATs

Scientific Group

Draft – For Discussion

6

Day 2, Tuesday, 27 July

Draft – For Discussion

Day 2 Time				
800-830		8:00-8:50 Affiliated Sessions		8-8:50 Press Briefing
830-900	9-10:30 Ministerial  Food Systems Pathways to 2030  (Moderated discussion on National and Regional Food Systems Transformation Pathways)	9:00-9:50 (Green Room)  Finance for Food Systems (Structured to surface the best content from these levers of change and implications for pathways and solutions. Will enable discussion on the way forward)	9:00-9:50 (Red Room)  Strengthening Gender and Women's Empowerment for Food Systems (Structured to surface the best content from these levers of change and implications for pathways and solutions. Will enable discussion on the way forward)	9-950 (Virtual Only)  TBD
900-930				
930-1000				
1000-1030				
1030-1100		10:00-10:50 (Green Room)  Innovation for Food Systems (Structured to surface the best content from these levers of change and implications for pathways and solutions. Will enable discussion on the way forward)	10:00-10:50 (Red Room)  Strengthening Human Rights for Food Systems (Structured to surface the best content from these levers of change and implications for pathways and solutions. Will enable discussion on the way forward)	10:30-11:30 #Small4All Press Event TBD
1100-1130				
1130-1200	1130-13:30 (Plenary Hall)	1130-13:30 (Green Room)	11:30-13:30 (Red Room)	1130-1220 (Virtual Only)
1200-1230	Shift to Sustainable Consumption Patterns (Structured to surface the best content for this priority objective from across the Summit's Evidence, Solutions, and Dialogues. Will enable discussion on the way forward)	Advance Inclusive Livelihoods and Empowered Communities (Structured to surface the best content for this priority objective from across the Summit's Evidence, Solutions, and Dialogues. Will enable discussion on the way forward)	Build Resilience (Structured to surface the best content for this priority objective from across the Summit's Evidence, Solutions, and Dialogues. Will enable discussion on the way forward)	TBD
1230-1300				1230-1320 (Virtual Only)
1300-1330				TBD
1330-1400	13:30-14:20 (Pre-Recorded)	13:30-14:20 Lunch and Affiliated Sessions		
1400-1430	Food, Culture, & Diets (curated by Chef's Manifesto or Kitchen Connection)			14-14:45 Press Briefing
1430-1500				
1500-1530	15-17 Ministerial (Plenary Hall)  Food Systems Pathways to 2030  (Moderated discussion on National and Regional Food Systems Transformation Pathways)	15-1550 (Green Room)	15-1550 (Red Room)	15-1550 (Virtual only)
1530-1600		Private Sector Priorities	Civil Society Priorities	TBD
1600-1630		16-1650 (Green Room)	16-1650 (Red Room)	16-1650 (Virtual only)
1630-1700		SME Priorities	Indigenous Peoples Priorities	TBD
1700-1730				
1730-1800	18:00-19:30 (Plenary Hall)  Approaches to Follow Up and Review	1730-1820 (Green Room)	1730-1820 (Red Room)	1730-1820 (Virtual only)
		Zero Hunger and food security	Mobilizing trillions for food systems transformation - financing for impact	TBD
1800-1830				
1830-1900		1830-1920 (Virtual only)	1830-1920 (Virtual only)	1830-1920 (Virtual only)
1900-1930		TBD	TBD	TBD
1930-2000		19:30-20:20 Affiliated Sessions		
2000-2030				

**Day 3, Weds, 28 July**  
**Draft – For Discussion**

Day 3 Time				
800-830		8:00-8:50 Affiliated Sessions		8-8:50 Press Briefing
830-900	9:00-10:30 (Plenary Hall)  City and Local Food Systems	9:00-9:50 (Green Room)  Scaling up School Meals	9:00-10:30 (Red Room)  Ministerial Roundtable on strengthening food systems within the Rio Conventions	9:00-10:30 (Virtual Only)  TBD
900-930				
930-1000		10:00-10:50 (Green Room)  Aquatic Foods		
1000-1030				
1030-1100				
1100-1130				
1130-1200	11:30-13:30 Synthesis Plenary (Plenary Hall)			
1200-1230	Featured Themes from the Week Ministerial Feedback and Highlights Analysis from Scientific Group & Levers of Change Insights from Critical Voices Common Points from Coalitions of Action How to Refine our Ambition			
1300-1330	13:30-14:20 (Pre-Recorded)  Food, Culture, & Diets (curated with best of "Cook Club" Efforts)	13:30-14:20 Lunch and Affiliated Sessions		
1330-1400				14-14:45 Press Briefing
1400-1430				
1430-1500				
1500-1530	15:00-17:00 Closing Plenary (Plenary Hall)			
1530-1600	(The culmination of the 3-days and the way forward to the Summit at UNHQ in September; Reinforcing the urgency of the moment and featuring additional tone-setting commitments)			
1600-1630	DSG, RBA Principals, Special Envoy, and Eminent Persons Launch of ~5 Emerging Action Coalitions Constituency Commitments - Youth, Private Sector, Civil Society, Producers, IPs Featured Winners of Competitions (SMEs, Photography) The Way Forward Closing Video			
1630-1700				
1700-1730				17-18 Closing Press Conference
1730-1800				



# Agenda and timing

14:30 – 15:00 2) **The Science Days** – Program and Side Events, update

Organized by the Scientific Group of the



Facilitated and Hosted by



Food and Agriculture  
Organization of the  
United Nations

# UN FOOD SYSTEMS SUMMIT 2021

# Science Days

08 - 09 JULY 2021

## Side Events

05 - 07 JULY 2021

[sc-fss2021.org](https://sc-fss2021.org) | [#ScienceDays](https://twitter.com/ScienceDays) | [#FoodSystems](https://twitter.com/FoodSystems)

For further information and the full programme is available is at  
[sc-fss2021.org/events/sciencedays](https://sc-fss2021.org/events/sciencedays)

# Day 1: 8 July

*13:00 – 14:00 CEST          Plenary Session*

## **SESSION 1: Science for the Food System Summit: Unlocking the potential of STI for food systems transformation**

**Moderator: Magdalena Skipper**, Editor in chief, NATURE

- **QU Dongyi**, Director-General of the FAO
- **Amina J. Mohammed**, UN Deputy Secretary-General and Moderator of the Summit Advisory Committee
- **Agnes Kalibata**, UN SG's Special Envoy for the 2021 Food Systems Summit
- **Joachim von Braun**, Chair, Scientific Group of the UN Food Systems Summit 2021

# Day 1: 8 July

*14:15 – 15:30 CEST          Parallel Sessions*

## **SESSION 2: Science as Action: Science-based options to achieve more healthy diets and more inclusive, sustainable and resilient food systems**

2A. Achieving *more healthy* diets in food systems

**Moderator: Lynnette Neufeld**, Director-Knowledge Leadership, Global Alliance for Improved Nutrition (GAIN)

2B. Achieving *more inclusive* food systems

**Moderator: Claudia Sadoff**, Executive Management Team Convener and Managing Director, Research Delivery and Impact, of the CCGIAR

2C. Achieving *more sustainable and resilient* food systems

**Moderator: Rattan Lal**, Professor of Soil Science, Ohio State University

# Day 1: 8 July

*15:30 – 16:45 CEST*      *Parallel Sessions*

## **SESSION 3: Putting Science to Work: Science, People and Policy**

3A. Strengthening the *science-policy interface* across disciplines and policy areas

**Moderator: Ousmane Badiane**, Executive Chairperson,  
Akademiya2063

3B. Investing in *institutional and human capacity* for STI

**Moderator: Mohamed Hassan**, President, The World Academy of  
Sciences (TWAS)

3C. Capitalizing on *models, data, and communications revolutions*, and new methods

**Moderator: Mario Herrero Acosta**, Chief Research Scientist of  
Agriculture and Food, CSIRO

# Day 1: 8 July

*17:00 – 18:00 CEST          Plenary Session*

## **SESSION 4: Why the fight: Getting to grips with missed opportunities and contentious issues in science and innovation for food systems**

**Moderator: Anne Mullen**, Chief Editor, Nature Food

- **Lawrence Haddad**, Executive Director, GAIN
- **Urs Niggli**, Honorary professor, Kassel University
- **Shakuntala Thilsted**, Research Program Leader for Value Chains and Nutrition, WorldFish, and World Food Prize Laureate for 2021
- **David Zilberman**, Department of Agricultural and Resource Economics, University of California at Berkeley

# Day 2: 9 July

*13:00 – 14:00 CEST          Plenary Session*

## **SESSION 5: Achieving the 2030 Goals: Opportunities, trade-offs, obstacles and synergies**

**Moderator: Maximo Torero**, Chief Economist, FAO

- **Hoesung Lee\***, Chair of the Intergovernmental Panel on Climate Change
- **Thomas Hertel**, Professor of Agricultural Economics, Purdue University
- **Elizabeth Mkandawire**, Africa Network and Research Manager, Food Systems Research Network for Africa, University of Pretoria
- **Jean Eric Paquet**, General Director European Commission MEP
- **Josefa Sacko\***, Agriculture Commissioner, African Union

# Day 2: 9 July

*14:15 – 15:30 CEST      Parallel Sessions*

## **SESSION 6: Empowering and Engaging key players in Food System Innovation**

6A. Youth

**Moderator: Oliver Kirui**, Senior Researcher, Center for Development Research (ZEF), University of Bonn

6B. Traditional and indigenous knowledge

**Moderator: Kaosar Afsana**, Professor, BRAC University

6C. Science in and by food industry and start-ups

**Moderator: Robynne Anderson**, Director General, International Agri-Food Network

6D. Women

**Moderator: Jemimah Njuki**, Director for Africa, International Food Policy Research Institute (IFPRI)



# Day 2: 9 July

*15:30 – 16:45 CEST          Parallel Sessions*

## **SESSION 7: Brave new world: Pushing the frontiers of Science for Food Systems**

7A. Bio-science innovations

**Moderator: Martin Cole**, Chair, High Level Panel of Experts on Food Security and Nutrition (HLPE)

7B. Digital innovations

**Moderator: Heike Baumüller**, Coordinator, Program for Accompanying Research for Agricultural Innovation (ZEF)

7C. Policy and institutional innovations

**Moderator: Sheryl Hendriks**, Professor of Food Security & Director, Institute for Food, Nutrition and Well-being, University of Pretoria

# Day 2: 9 July

*17:00 – 18:00 CET Plenary Session*

## **SESSION 8: Looking ahead: Strategic Food Systems Science beyond 2030**

**Moderator: Thin Lei Win**, Climate and Food Correspondent

- **Peter Bakker**, CEO, World Business Council for Sustainable Development
- **Ismahane Elouafi**, Chief Scientist of the Food and Agriculture Organization (FAO) of the United Nations
- **Louise Fresco**, President of the Executive Board, Wageningen University & Research
- **Johan Swinnen**, Director General, International Food Policy Research Institute (IFPRI)

# Agenda and timing

15:00 – 15:50 **3) Draft FSS Science and Innovations Agenda paper** - draft from June 12th to be discussed by the ScGroup

## Emerging Priorities for FSS Action Areas

- I. Nourishment: eliminate hunger and all forms of malnutrition by 2030; overcome armed conflicts that cause hunger. Available and affordable appropriate nutrition for everyone;
- II. Reduced impact on Climate and Biodiversity, facilitating the production for availability and affordability of healthy diets. Reduce food waste and food losses.
- III. Improved livelihoods and wellbeing: One Health approach in food systems; jobs, social protection.
- IV. Empowered communities: rights of minorities, indigenous people, women and youth;
- V. Resilience strengthened: resilient to economic, climate, conflict and pandemic shocks;
- VI. **Science, Knowledge and Innovation: basing food system decision making on best available science; access to essential knowledge, technology, and data; generate innovations**

**With big diversity of priorities in world regions, countries, and among stake holders (Gov., NGOs, business, sciences)**

## Science and Innovation Proposals by Scientific Group for FSS

1. A bundle of context specific policy and institutional **innovations to end hunger and increase availability and affordability of healthy diets** and nutritious foods (this bundle partly draws on the 6 innovation actions below)
2. Policy and institutional innovations to **de-risk food systems** and strengthen resilience, in particular for climate-neutral, climate-positive, and climate-resilient food systems
3. Policy and institutional innovations for efficient and fair **land, credit, and labor arrangements**, and to facilitate inclusion of and empowerment and rights of women and youth
4. **Bioscience innovations** for peoples' health, systems' productivity, and ecological wellbeing
5. Technology-based and policy innovations for productive **soils, land and water, and to protect the agricultural genetic base and biodiversity**
6. Policy and technology-based innovations for sustainable **fisheries, aquaculture**, and protection of coastal areas and oceans
7. **Digital innovations** and engineering for efficiency and inclusiveness of food systems and rural communities

Scientific Group: Science and Innovations for a Sustainable Food System (Workshop of the Scientific Group, April 21-22, 2021).

<http://www.casinapioiv.va/content/accademia/en/events/2021/foodsystems.html>

# Agenda and timing

15:50- 16:00 **4) Any Other Business**