



UNITED NATIONS  
FOOD SYSTEMS  
SUMMIT 2021

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

4<sup>th</sup> Scientific Group meeting, January 12<sup>th</sup>, 2021

Agenda, Progress, and Plans



# Agenda

- 1. 14.00-14.15 Welcome and briefing on FSS progress**
- 2. 14:15-14:45 Progress and plans on Papers by Scientific Group (peer review of current papers; potential further papers)**
- 3. 14:45 - 15:30 Partnerships and policy briefs (priorities, forming support teams of Scientific Group and roles);**
- 4. 15:30 – 15:45 Conferencing by Scientific Group**
- 5. 15:45 -16:00 Our communications and web sites and any other business**

# FSS developments

- “Advisory Group” meeting Dec 11<sup>th</sup> (PPT and notes were shared with ScGroup) - update
- “Integrating Team” formed and meets monthly (FSS Special Envoy, Secretariat, AT chairs, Dialogue Chair, ScGroup Chair, etc.)

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# The Action Track Papers and Food Systems Paper: peer review and publishing

## Current papers

- i) Peer review by end of January
- ii) Request to finalize papers by Mid February
- iii) Pursue journal publications

## Additional Papers by Sc Group considered

- 1) A “FSS Agenda paper”
- 2) A paper on “the true costs of food”

# Sc. Group Pre-Summit Agenda Paper

## Draft Outline

- 1. Agenda and its level of ambitions for results:** SDG2 and the other SDGs related to sustainable food system; linking to climate and biodiversity agendas
- 2. Priorities** for diverse contexts and on time scales (basis are our Action Tracks papers, thematic Policy Briefs, Modelling results, findings from science in dialogues)
- 3. Investment needs:** promising opportunities in main domains; innovations and technologies; scales; approaches toward financing the agenda
- 4. Policy innovations:** actors roles; science for implementation and to put decisions on a scientific footing; outline of after-summit processes

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## Partners of Sc Group and Thematic briefs

- Many research organizations approach us
- We need to manage partnerships and prioritize papers

*Approach proposed:*

- *For each partner Sc Group member(s) as liaison. Once agreed, partners will be informed, who is their Sc. Group's liaison.*
- *Briefs written by partners, guided by members of Scientific Group, serving as coaches, commentators and reviewers (by end of April)*



# Thematic policy briefs (draft, p.1)

<u>Gender equity</u> in food systems	# IFPRI, Gender FSS	<u>Kaosar Afsana</u> Uma Lele? NN
<u>Youth inclusion</u> for food systems innovation (young scientists, young farmers, entrepreneurs, students;	# Global Young Academy, University consortia in regions	<u>Mohamed Hassan,</u> <u>Louise Fresco,</u> Ismahane Elouafi, NN
The <u>opportunities of science</u> for food systems;	# InterAcademy Partership (IAP) and University Consortia (in regions); #CGIAR	<u>Mohamed Hassan,</u> Patrick Caron, Marta Hugas, Ismahane Elouafi NN
<u>Science policy actions</u> and implementation strategies for food systems improvement	# CGIAR	<u>Louise Fresco</u> Claudia Sadoff Jikun Huang? NN
<u>Agricultural technologies</u> and practices, including digital technologies. Bioscience opportunity	# IFPRI & CGIAR. Research in private sector	<u>David Zilberman</u> Elizabeth Hodson de Jaramillo ? Morakot Tanticharoen? NN
<u>Indigenous food systems</u> – lessons and opportunities	UN Permanent Forum on Indigenous Issues	<u>Sheryl Hendriks?</u> <u>Ismahane Elouafi</u> Joachim von Braun, NN
<u>strengthening Food Systems in marginal areas</u> (and among marginalized communities)	# Association of International Research and Development Centers for Agriculture (AIRCA) (i.e. mountain, coastal, and rain forest systems) ICRAF /CIFOR	<u>Kaoru Kitajima</u> <u>Lisa Sennerby Forsse</u> Ismahane Elouafi Kaosar Afsana? NN

# Thematic policy briefs (draft, p.2)

Assuring food and nutrition systems functioning in <u>emergencies</u> (incl. conflict contexts)	# Global Panel on Food and agriculture for nutrition WFP? CARE?	<u>Lynnette Neufeld?</u> Kaosar Afsana? NN
Policy for inclusive transformation of <u>smallholder farming</u> and innovation in small farm agriculture;	# IFPRI,	<u>Mario Acosta</u> Ousmane Badiane Jikun Huang, NN
Managing the <u>nexus</u> - food, energy, water, soil for sustainable food systems and agro-ecology approaches	# United Nations University (UNU), # Scientific Panel for Responsible Plant Nutrition, IIASA, CIFOR/ICRAF	<u>Jean-Francois Soussana</u> Rattan Lal ? Urs Niggli Kaoru Kitajima Lisa Sennerby Forsse, NN
Food and restoration of <u>land and soils</u> .	#United Nations Convention to Combat Desertification (UNCCD)	<u>Rattan Lal,</u> Jean-Francois Soussana NN
<u>Climate</u> sensitive and climate resilient food system	CGIAR CCAFS?	Hoesung Lee Kaoru Kitajima Claudia Sadoff? NN
Protecting and utilizing ( <u>agro</u> ) biodiversity	# Global Crop Trust on staple crops # AIRCA, on Protecting agrobiodiversity of vegetables, fruits, underutilized crops #CIFOR/ICRAF, Bioversity	<u>Urs Niggli</u> Frank Ewert? Martin Cole? NN
<u>Pandemics</u> / Covid19 and Food system resilience	WHO?, FAO, Pontifical Academy of Science Conference report (2020), CGIAR	<u>Andrew Kambugu ?</u> Maximo Torero ? Joachim von Braun NN
Mobilizing the <u>Finance</u> for achieving Summit agenda (SDG2 goals etc. )	World Bank? IFAD? WFP? Sustainability finance (priv. sector, banking); (or just comment on available drafts)	Claudia Sadoff Uma Lele NN
Developing the <u>trade</u> agenda, facilitating food pricing in support of efficient, and resilient food systems	# IFPRI # OECD Group on agriculture #Global Panel WTO? FAO	<u>Tom Hertel</u> <u>Maximo Torero</u> NN
Public and corporate policies facilitating <u>food industries'</u> contribution to food systems delivering on SDG2	Researchers in private sector , WEF? WBC?	<u>Aman Wirakartakusuma?</u> David Zilberman NN

# Thematic policy briefs (draft p.3)

Global <u>protein</u> strategies and sustainable <u>livestock</u> systems	International Advisory Group on Global Bioeconomy (IACGB), ILRI ? World Fish ?	<u>Martin Cole?</u> <u>Morakot Tanticharoen?</u> <u>Mario Acosta?</u> NN
<u>Vegetables and fruit</u> - (affordable, safe, healthy diets, innovations)	# Association of International Research and Development Centers for Agriculture (AIRCA) (Note: 2021 is year of veps &fruits)	<u>Lynnette Neufeld ?</u> <u>Aman Wirakartakusuma?</u> NN
The <u>total cost of food</u> and implications for policy	costing related to land, ecosystems, climate, nutrition, health; (externalities and what to do about them); with AT1	<u>Sheryl Hendriks</u> <u>Joachim von Braun</u> <u>Hoesung Lee?</u> <u>Mario Acosta?</u> <u>Maximo Torero?</u> NN
<u>Urban</u> food systems transformation	#Cirad #Japan - Ministry of Agriculture, Forestry and Fishery (MAFF)	<u>Patrick Caron,</u> <u>Kaoru Kitajima,</u> NN
<u>Governance of Food System</u>	# Global Panel on Agriculture and Food Systems for Nutrition; IFPRI;	<u>Louise Fresco</u> <u>Jikun Huang,</u> NN
Regional paper <u>Africa</u> food systems priorities	# African think tanks group, facilitated by Akademiya2063 and Malabo Montpellier Panel; Incl. African Academies of sciences	<u>Ousmane Badiane</u> <u>Mohamed Hassan</u> <u>Sheryl Hendriks?</u> NN
Regional paper <u>Latin America &amp; Caribbean</u> food systems priorities	# IICA	<u>Elizabeth Hodson de Jaramillo</u> NN
<u>China</u> food systems paper	#CAAS, Peking University (CCAP) & China Agricultural University, Research Center for Rural Economy under the Ministry of Agriculture	<u>Jikun Huang</u> NN
<u>Russia</u> food systems and innovations (may be + Central Asia)	# Russian Academy of Sciences, and National Research University, Inst. For Agric. Science	<u>Joachim von Braun</u> NN
<u>India</u> food systems paper	# ICRIER with Agric Res Org and agro ecol NGO	<u>Joachim von Braun</u> <u>Uma Lele,</u> NN
<u>European</u> food systems paper	Potential partners EASAC, SCAR, FACCE (and discussion held with SCAR)	<u>Frank Ewert?</u> <u>Jean-Francois Soussana,</u> NN
<u>Foresights</u> of food systems at scales ranging from local to global	#INRAE & Cirad, #Global Panel FAN	<u>Jean-Francois Soussana</u> <u>Patrick Caron</u>

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# Conferencing by and with Sc. Group

1. We engage in fora of others and try to connect among events, thereby move agenda forward
2. We can organize a few events ourselves
  - “Seminar of Sc Group” in Rome (largely virtual) April 20-22 at Pontifical Academy of Sciences
  - Proposal of a “Science Day” event with our partners (close to the Pre-Summit, e.g. June/July)

## “Seminar of Sc Group” in Rome (largely virtual)

- Participants: Sc Group and some of our partners from science communities
- Scope: identifying priorities for the Pre-Summit, (possibly also connect to Italy G20)
- Basis: Sc. Group and it’s partners materials as well as emerging Action Track materials; insights from Dialogues
- Outcome: draft FSS Agenda paper from a science perspective
- Date: April 20-22 (venue at Pontifical Academy of Science)

# A "Science Day"

## - Introduction by Ismahane Elouafi -

- Strategic deployment of STI has the potential to resolve and minimize trade-offs among the Action Tracks, and more broadly the SDGs.
- Showcase the robust science and evidence-based perspectives underpinning sustainable food systems.
- Highlight the scale and potential of systemic scientific opportunities that could be game changers
- Bring together stakeholders and partners to consolidate and coordinate international science advisory mechanisms.
- Promote activity at the science–policy interface to catalyze the transition to sustainable food systems.
- Tentative date in June or July 2021

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We are visible as **Scientific Group** on three websites:

<https://www.un.org/en/food-systems-summit/leadership>

(governed by the UN Food Systems Summit secretariat, main information about the Scientific Group)

<https://foodsystems.community/communities/scientific->

[group/](https://foodsystems.community/communities/scientific-group/) (governed by UN platform coordinator, communication platform, rights to upload documents) **Please engage**

<https://sc-fss2021.org/> (self-governed website, comprehensive presentation of the Scientific Group) **Please engage**

# Community platform – please register!

1. Create a new account at

<https://foodsystems.community/wp-login.php>

2. Login and go to Scientific Group subpage  
(-> Communities -> Scientific Group)

3. Click on „Join Group“

4. Under „Members“ you can edit your profile. (upload a photo, copy / paste your bios from

<https://sc-fss2021.org/about-us/bios-of-members/> )



## Outlook toward next month

1. Please send share your info with the Group who plans what; engage where; etc.
2. Our main tasks:
  - Finalize papers after reviews
  - manage partnerships and Briefs
  - help science to engage in dialogues
  - Initiate Sc. Group FSS agenda paper