

# Summary of the third meeting of the Scientific Group of the UN Food Systems Summit 2021

**Date:** November 30, 2020, 2:00-5:00 CET, held via Zoom

**Attending members of the Scientific Group:** Kaosar Afsana, Joachim von Braun, Patrick Caron, Martin Cole, Ismahane Elouafi, Frank A. Ewert, Louise O. Fresco, Mohamed Hassan, Sheryl Hendriks, Mario Herrero Acosta, Thomas W. Hertel, Elizabeth Hodson de Jaramillo, Jikun Huang, Marta Hugas, Rattan Lal, Uma Lele, Lynnette M. Neufeld, Urs Niggli, Claudia Sadoff, Lisa Sennerby Forsse, Jean-François Soussana, Morakot Tanticharoen, Maximo Torero, Aman Wirakartakusumah, David Zilberman

**Members of the Scientific Group who were unable to join:** Ousmane Badiane, Andrew Kambugu, Kaoru Kitajima, Hoesung Lee

**Special Guests:** Agnes Kalibata, Special Envoy of the Food Systems Summit and David Nabarro (Food Systems Dialogues)

**Other attendees:** Katharina Gallant (ZEF), Jamie Morrison (FSS Secretariat, FAO),

**Preparatory documents sent to the members prior to meeting:**

- Annotated agenda (PPT attached)
- Draft briefing note on “healthy diet”, by Lynnette Neufeld, Sheryl Hendriks and Marta Hugas

**Meeting Agenda:**

1. Welcome and briefing on FSS progress in general, including address by Agnes Kalibata, Special Envoy of the Food Systems Summit
2. Cross-cutting thematic policy briefs
3. Outline of the work plan for the Science Group 2020/2021
4. Regional and country dialogues and engagement with global science community, including speech by David Nabarro, Food Systems Dialogue Initiative
5. Any other business

**Re 1. Welcome and briefing on FSS progress in general, including address by Agnes Kalibata, Special Envoy of the Food Systems Summit**

Joachim von Braun opened the meeting, greeting all attendees and presenting an overview of the meeting agenda. He then gave the floor to Agnes Kalibata, Special Envoy of the Food Systems Summit.

In her address to the Scientific Group, Agnes Kalibata highlighted the importance of the individual action tracks as well as of the cross-cutting themes that have been identified as overarching topoi to be further elaborated upon. She emphasized the need to define ideas for a transformation of food systems for the Summit and expressed that she is looking forward to the presentation of some of the ideas from Scientific Group to the Advisory Committee on December 11, where Joachim von Braun will present on progress.

A further point of emphasis of her address was the necessity to make the action tracks and the dialogue on the subject of food systems appeal to countries, especially to those of the Global South, and to foster regional dialogues. She viewed it as a positive signal that 34 countries had already lined up to be engaged in the process. Her focus not only laid on the superordinate levels but also on question of

how to include farmers, indigenous communities, and other groups of people in the Summit and, more generally, in the transition of food systems. As an important signal in this direction she presented the inclusion of Food Systems Champions as advocates representing the diversity of societies in the transformation of global food systems. Finally, she mentioned that the Pre-Summit will be held in Rome in July.

Joachim von Braun thanked Agnes Kalibata for her insightful address and highlighted that the Scientific Group is a forum of support of and cooperation with the Action Tracks. Simultaneously, he pointed out that the role of the group as scientists was also to always aim for sound evidence as a basis for any publications, position papers, and recommendations. Responding to the vital role of including all groups of society, he was happy to announce that he had already a meeting scheduled with indigenous communities' representatives, and that the Scientific Group is in contact with 12 international scientific organizations (e.g., Academies, CGIAR) to mobilize science communities. Providing a scientific evidence base for the Pre-Summit and Summit implied both a burden and an incentivizing challenge for the Scientific Group.

### **Re. Paper on healthy diets**

Lynnette Neufeld explained that their intention was to address issues like inconsistencies in terminology and research gaps that they had encountered. The paper includes a brief rationale in terms of efforts undertaken to understand a healthy diet. The paper was well received. Aspects mentioned in discussion were the difference between individual food items and their intake, that is, the corresponding diet. The affordability of a healthy diet was mentioned as a challenge, and a discussion between the public goods and the private goods implications of the subject was initiated.

**Further comments (from the chat) are listed in Annex 1.**

### **Re 3. Work plan for modelling**

Maximo Torero referred to the outline of the work plan for the Scientific Group leading up to the Pre-Summit and Summit (see slide in presentation for details). He explained that the advancement of the individual activity blocks is contingent upon how fast they move. While, for instance, he felt confident about the chronogram suggested for outputs 1-7 of the modelling team, the latter outputs might be more difficult to achieve at the dates listed in the chart. Members of the Scientific Group recognized the ambitious character of the schedule and highlighted aspects that they considered of high importance for the modelling team, i.e., poverty and distributional impacts of policies; countries included in the model; the difficult balance to keep between providing sound regional assessments and obtaining results of global relevance; inclusion of stakeholders in the scenarios; alignment with other datasets; the focus on sustainability in global and local goals. Joachim von Braun concluded that the modelling group embodied the necessary expertise to tackle these challenges. For discussion of scenarios, more members of the Scientific Group beyond the modelling experts should be called upon to bring in their expertise as well. **Further comments (from the chat) are listed in Annex 2.**

### **Re. Cross-cutting thematic policy briefs**

Kaasar Afsana chaired the discussion on cross-cutting thematic policy briefs, focusing on the selection of themes and suitable partnerships for the elaboration of a small number of policy briefs and their review by members of the Scientific Group (see presentation for details). She highlighted the importance of addressing indigenous food systems, which continue to be ignored in many parts of the world; the finances necessary for achieving the Summit agenda, going beyond the focus on food systems; trade and pricing as a global issue; and food industries in terms of their sizable,

heterogeneous and multinational character. The proposed topics and cooperation with partner organizations was met with great support by the Scientific Group. Individual members volunteered to support this endeavor. **Comments (from the chat) are listed in Annex 3.**

#### **Re. Outline of the work plan for the Science Group 2020/2021** [originally point 3]

Louise Fresco chaired the discussion of the work plan for the Scientific Group leading up to the Pre-Summit in July 2021 and the Summit in September 2021 (see presentation for details). She laid special emphasis on the need for a sound evidence base for the Summit, implying also that the Scientific Group should present policy options whereas defining actual policies went beyond its scope. In so doing, the Group must not forget its thematic emphasis of addressing SDG2, that is, the agenda-setting undertaken by the group should not get too broad. Instead, it should become obvious which knowledge has a sound evidence basis and which aspects are discussed more controversially both in public discourse and among the members of the Scientific Group. Moreover, Louise Fresco and Joachim von Braun expressed the necessity to achieve institutional innovations for actions continuing in the aftermath of the Summit. Joachim von Braun stressed the importance of following the scientific procedure, including peer review. Scientific Group papers should help Action Tracks and UN agencies building Summit agenda. He further mentioned the role of the Action Tracks to involve diverse stakeholder groups of food systems. **Comments (from the chat function) are listed in Annex 4.**

#### **Re 4. Regional and country dialogues and engagement with the global science community**

Mohamed Hassan and Joachim von Braun co-chaired the session. David Nabarro as the representative of the Food Systems Dialogue Initiatives joined to inform about the progress note on dialogues. He reported enthusiastically how the discourse on food systems is being picked up in different countries and groups of stakeholders therein, clearly showing a high degree of interest all around the globe. A reason for that may be the fragility and vulnerability of systems, which became apparent through COVID-19. He and his team are aiming at further incentivizing dialogue on food systems, thus activating people to engage in transformation with special regard to their individual national, regional, professional context.

Ideally, all 193 UN Member States should join in this dialogue and, aligning with the SDGs, apply the seven principles of engagement of the Summit: act with urgency; commit to the summit; be respectful; recognize complexity; embrace multi-stakeholder inclusivity; complement the work of others; and build trust. David Nabarro explained the three types of dialogue encouraged within the context of the Summit: Member State Dialogues; Independent Dialogues; and Global Summit Dialogues. Further, he listed the three levels of dialogues: Member States represented by governments (1<sup>st</sup> stage); sub-national level represented by leaders of change, linked to Action tracks (2<sup>nd</sup> stage); and local level where national actors are asked to come up with pathways to achieve sustainable food systems by 2030 and declare statements of intention and commitment. The system is implemented through national Dialogue Convenors, of whom seven have already been nominated by their countries, while 30 other countries are in the process of nominating a candidate or are looking for suitable personnel. David Nabarro aims for 150 countries to have national Dialogue Convenors, with this official system being supplemented by independent dialogue efforts, supported by the official website and corresponding multi-language handbook editions (cf. <https://summitdialogues.org/>). Dialogues are also taking place in the margins of major international debates and conferences.

Mohamed Hassan expressed his appreciation of David Nabarro's presentation and announced that the Scientific Group will be contributing to the three different types of dialogues. Mobilization of the science community has started at the regional and global level. In addition, Scientific Group is for instance focusing on young scientists and academies of sciences (implemented through virtual meetings); and mobilization of local science communities to engage in the country dialogues. Kaosar

Afsana further emphasized the need for the national Dialogue Convenors to reach out to all stakeholders of food systems early on in the process such that there is active participation at and around the summit. **Further comments are listed in Annex 5.**

#### **Re 5. Any Other Business**

Joachim von Braun explained that communication by the Scientific Group has to improve. For this reason, he initiated the development of a **website** for the Group, which conveys relevant information in an easily accessible manner.

Moreover, the **frequency of virtual meetings** of the Group will increase such that monthly meetings of about 1.5 hours will be scheduled as of January, amongst other, to discuss the peer review of the draft Action Track papers. Maximo Torero seconded the necessity to focus on quickly establishing a sound evidence basis as prior to the Pre-Summit in July all relevant information will have to be available.

The draft **Action Track papers** made a very important contribution already. All Action Track teams in the Scientific Group should send the revised versions of their papers **no later than December 15**. Revised papers already came from Teams 1 and 4.

Joachim von Braun ended the meeting by announcing that he will report back to the Group after the meeting with the Advisory Board on December 11. **Further comments (from the chat) are listed in Annex 6.**

## **Annexes: These notes are copied from the commentary space during the meeting**

### **Annex 1**

Uma Lele: Congratulations on the paper--what struck me is the extent of lack of knowledge compared to the level of aspiration.

David ZILBERMAN: What about food that is affordable?

Louise Fresco: I like the acronym SANS Sustainably produced, Affordable, Nutritious and Safe - in relation to diets

Aman Wirakartakusumah: I have also concern about role of processing that in one hand will provide shelf life but on the other some of processed may produce harmful substances?

Mario Herrero: As a definition it is fine. Not all aspects of the diet need to be associated with healthiness. Healthy diets can be unaffordable, come from unsustainable food systems and not be aligned to the Food Security definition (availability, access, etc). These are exactly the problems that we need to solve.

Patrick Caron: health harming substances should be complemented with components and organisms to capture different sources of harming processes.

Great initiative! it builds upon a strong choice that is not reflected in the title: whose health are we dealing with? the choice made here is to include ecosystem health which is often left apart and captured by the expression sustainable diets rather than healthy diets. This choice could be made even more obvious, as healthy diets more frequently refer to human health exclusively.

Claudia Sadoff: Agree with David's point. This robust definition of diet including food safety is an interesting opportunity to draw connections between human and ecosystem health, i.e., encroachment and zoonoses, groundwater overexploitation and arsenic, etc.

Ismahane E.: I agree that we need to stay in the major groups, around fibers, fruits, plant proteins, animal proteins ...etc. We need to address processing impact on the food quality (Nutrition) and safety. We might need another word than Diet, as most discussions around Diets are way too expensive for most of the Global South.

### **Annex 2**

Jean-Francois Soussana: Going back to our discussion with Dr. Kalibata, could we define targets (also considering constraints) in order to see how to reach these targets through scenarios at both global and regional scales. Then we could use a multi-model approach, as has been done eg. in AgMIP and ISIMIP.

Urs Niggli: Are the modelling tools to be used new ones or are existing ones taken into consideration? Such as FARMIS (Thünen Institute) or SOL-m (FiBL and FAO).

Jean-Francois Soussana: IPCC 2019 SR on climate change and land has compiled a library of scenarios from Integrated Assessment Models.

F Ewert: diets will probably be more difficult to model than the nutritious value of crops ...

Jean-Francois Soussana: We need to have model results for all world regions, since this is a global summit.

Thomas Hertel: Sorry, I misread Maximo's response. Great to have China in the model!

Mario Herrero: AgMIP and ISMIP have achieved a high degree of functionality in running multi-model ensembles.

### Annex 3

Thomas Hertel: Joachim, I would be happy to work with the group covering the topic of trade.

Aman Wirakartakusumah: i will ask the volunteer from partner IUFoST

Patrick Caron: I confirm I volunteer for the 3rd one

Urs Niggli: I can volunteer on science & innovation

Claudia Sadoff: I would be happy to engage with Gender, Smallholders and/or nexus as needed

Mario Herrero: I am happy to work on science and innovation or smallholders

Aman Wirakartakusumah: IUFoST for issue no 3

Ismahane E.: I volunteer for the 3rd one (role of science and innovation)

Marta Hugas: If more volunteers needed for science and innovation, I can also support

David ZILBERMAN: I will also like to work on science and innovation or working with the private sector

Sheryl Hendriks: I can help with work on indigenous systems but highly recommend Carol Kalafatic. She was amazing with this topic in the HLPE reports. [c\\_kalafatic@yahoo.com](mailto:c_kalafatic@yahoo.com)

Aman Wirakartakusumah: who will be the partners from food industries?

Urs Niggli: The IPAFN Idea is great. The main problem is that we know that transformation is urgent and we also know in which direction. Nonetheless, transformation is stuck or extremely slow.

Rattan Lal: 1. I am glad to volunteer to critically examine the Theme #6 presented by Dr Koasar Afsana“ The Nexus of Food,Energy ,Water and Soil “. If the draft is available, I will be glad to review. I note that the Importance of soil health on Healthy Diet is not adequately discussed. Health of soil needs to be given a more emphasis

Jean-Francois Soussana: I also agree to review, together with Rattan, the nexus paper and to better include soils as the foundation of a very large part of food systems

Aman Wirakartakusumah: to add comment for Rattan , in 2018 the G20 scientific conference, attended by academy of sciences from these countries, made recommendation about soil toxicity is one of the priority in sustaining food production.

### Annex 4

Jean-Francois Soussana: IPCC has a mandate from UNFCCC. HLPE has a mandate from CFS. How do you see the future role of HLPE?

Ismahane E.: How do we know that Local Food is not Healthy?? is there enough research around it??

Mario Herrero: The uncertainty language in the IPCC is very useful when examining different kinds of evidence.

Ismahane E.: <https://www.nature.com/articles/d41586-020-02849-6>

Ismahane E.: We don't have enough data on most processes and Foods used and eaten by smallholders

Mario Herrero: Many of the Action Tracks are doing inventories of 'game-changers'. Ideally, the modelling should be used to evaluate some of these. Therefore an early connection to these inventories should be promoted.

## Annex 5

Patrick Caron: Great, dear David, to have a chance to link subnational, national, supranational and global processes through dialogue as such a connection is an essential condition to meet the expectations of the Summit and thanks for engaging scientists in this multi scale process! Thanks for organizing the mechanism to ensure the usefulness of evidence.

Urs Niggli: Stakeholder dialogue extremely important, but disagreements remain: on facts, on interests and on values. Unfortunately, they are all messed up

Aman Wirakartakusumah: I could also bring the scientific group to the IUFoST meetings

Lynnette Neufeld: IUNS - as a member association of national nutrition societies could be an interesting way to engage the nutrition research community more broadly.

Aman Wirakartakusumah: do you have any update on the meeting with Asian/ASEAN scientific groups?

Urs Niggli: I've been involved in several dozens of dialogues in Europe on how to integrate best modern technologies into complex sustainable farming Systems. It is a hard work!! It is always seen as contradictory.

## Annex 6

Patrick Caron: I suggest that the cross cutting Policy brief n°3 (role of science and innovation) focuses on potential contribution to dialogues

Aman Wirakartakusumah: the initiative to invite all scientific communities as suggested by David .. do we have time line for that, when we can inform them to start to get involve?



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

## 3<sup>rd</sup> Scientific Group meeting, November 30<sup>th</sup>, 2020

## Agenda and Plan of Work toward the Summit in 2021





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(Goals, calendars, modelling, peer reviewed papers, policy briefs, consultations, communications)
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  5. 16:45-17:00 **Other business** (including Scientific Group meeting schedule 2021)

# Progress on Food Systems Summit

## Updates:

- 5 Action track papers
- Thematic paper: “Food Systems concept”
- Note on: “Healthy diet”
- Modelling plans

## The 5 Action Track Papers and the Food Systems Paper: Review of feedback and steps to finalize, peer review and publish the papers

The plan is to

- i) Get current drafts revised by early December
- ii) do peer review (by outsiders)
- iii) Finalize papers and replace the ones on the Web
- iv) Pursue journal publications

# Scientific Group Members' Engagement in Action Tracks

(Team Co-Coordinator's underlined)

1. Ensure Safe and Nutritious Food for All	Martin Cole (Australia) <u>Sheryl L. Hendriks (South Africa)</u> Mr. Andrew Kambugu (Uganda)	<u>Jean-François Soussana (France)</u> David Zilbermann (Israel/USA)
2. Shift to Sustainable Consumption Patterns	<u>Mario Herrero Acosta (Costa Rica)</u> Uma Lele (India/USA)	Aman Wirakartakusumah (Indonesia) <u>Marta Hugas (Spain)</u>
3. Boost Nature Positive Production	<u>Elizabeth Hodson de Jaramillo (Colombia)</u> Kaoru Kitajima (Japan)	Rattan Lal (USA/India) <u>Urs Niggli (Switzerland)</u> Claudia Sadoff (USA)
4. Advance Equitable Livelihoods	Ousmane Badiane (Senegal) Patrick Caron (France) <u>Jikun Huang (China)</u>	<u>Lynnette M. Neufeld (Canada)</u> Lisa Sennerby Forsse (Sweden)
5. Build Resilience to Vulnerabilities, Shocks and Stress	<u>Ismahane Elouafi (Morocco/Canada)</u> Frank A. Ewert (Germany) <u>Thomas W. Hertel (USA)</u>	Hoesung Lee (South Korea) Morakot Tanticharoen (Thailand)

Available on UN website: <https://www.un.org/food-systems-summit> --- go to leadership: <https://www.un.org/en/food-systems-summit/leadership> you find "Scientific Group" and there "Updates from Scientific Group" there are the papers

# Food Systems – Definition, Concept and Application for the UN Food Systems Summit

(Joachim von Braun, Kaosar Afsana, Louise Fresco, Mohamed Hassan, Maximo Torero)

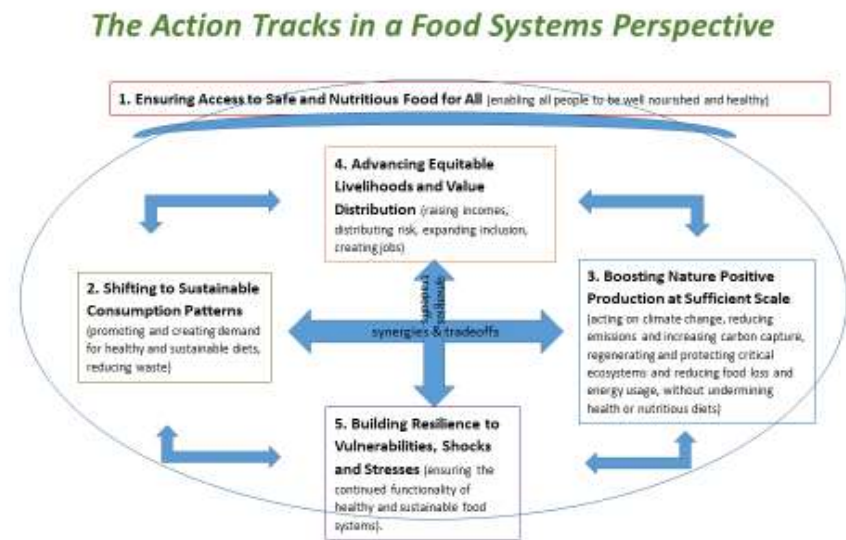
Purpose:

1. Conceptual clarity on “Food Systems”
2. How the 5 Action Tracks relate to System

*Next steps:*

same as with

Action Tracks papers



# A note on Healthy Diets

Purpose:

Helping conceptual clarity in Action Tracks on Healthy diets, and considering sustainability and affordability of diets

The note has been shared.

Lynnette M. Neufeld, Sheryl Hendriks, Martha Hugas

# Plan of work by modelling team and related partnerships:

Briefing by Maximo Torero, Tom Hertel, Frank Ewert, Mario Herrero Acosta

Output	Date
1 Document describing baseline for Modeling	15th of December 2020
2 Document send to peer review by modelers (6-7 modelers)	30th of December 2020
<b>3 Final version of document of baseline for modeling</b>	<b>10th of January 2020</b>
4 Scenario building exercise based on policy framework	15th-20th January 2020
5 First draft of based on (4) of scenarios, impacts and tradeoffs	15th of February
6 Document send to peer review (3 external reviewers)	January 29th 2020
<b>7 Final version of document of scenarios, impacts and tradeoffs</b>	<b>February 20th 2020</b>
8 Scneario building for 5 regions	February 22-26th 2020
9 First draft of based on (8) of scenarios, impacts and tradeoffs	March 20th, 2020
10 Document send to peer review (3 external reviewers))	March 22-26 of 2020
<b>11 Final version of document of regional scenarios, impacts and tradeoffs</b>	<b>April 15th 2020</b>
<b>12 Consolidation of (7) &amp; (11) Final paper</b>	<b>April 30th 2020</b>
13 Summary of actions identified by tracks	May 20th
14 Simulations of 13	June 10th of 2020
15 First draft of Paper of simulations (13)	June 20th of 2020
16 Document send to peer review (3 external reviewers)	June 20-30th of 2020
<b>17 Final version of document 16 impacts and tradeoffs</b>	<b>July 15th of 2020</b>

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**2. 14:30-15:00 Cross-cutting thematic policy briefs**  
(selection of themes and partnerships)

Break 15:00-15:15

**3. 15:15-16:00 Outline of the work plan for the Science Group 2020/2021**  
(Goals, calendars, modelling, peer reviewed papers, policy briefs, consultations, communications)

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## Cross-cutting thematic policy briefs (selection of themes, partnerships)

Chair: Kaosar Afsana

**What: A carefully selected small number of policy briefs** (each 2 to 6 pages) on some key themes that are touched upon in various Action Tracks and cut across them and are critical for the FSS Agenda.

**Proposal for discussion:** Briefs shall be **developed by partners** and reviewed/guided by members of Scientific Group (e.g. 2 members each may adopt a brief to serve as coaches of the brief

## Cross-cutting thematic policy briefs (selection of themes, partnerships)

### **Themes considered:**

1. Gender;
2. Youth
3. Role of science and innovation for food systems;
4. indigenous food systems;
5. inclusive transformation of smallholder farming;
6. Nexus - food, energy, water, ecology;
7. Finance for achieving Summit agenda
8. trade and pricing;
9. food industries;
10. ...

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# Work plan 2021

**Chair: Louise Fresco**

1. Defining approaches for developing an evidence based, ambitious but realistic Summit agenda
  
2. Milestones all the way to the
  - Pre-FSS in July 2021 and
  - FSS in September 2021

We provide evidence based options for agenda

# Defining Approaches & Work plan 2021 -1

Building blocks and approach toward agenda setting documents

Scientific Group defines needed papers & seeks partnerships to get them done

- a) Priorities: Basis are Action Tracks papers, thematic Policy Briefs, Modelling results
- b) Investment: needs for an ambitious FSS (basis ZEF/FAO/CERES2030)
- c) Finance: Evidence base of approaches toward finance (with public & private)

# Defining Approaches & Work plan 2021 -2

Multi-actor alliances with roles of science (at and beyond the FSS2021)

- a) Opportunities of alliances of multi-stakeholders:  
science – knowledge in civil society and trad.  
knowledge -science in corporate & star up scenes  
– government – multilateral agencies – finance ...
- b) Institutional innovation options: toward building  
an IP Agriculture Food & Nutrition (IPAFN)

# Milestones of papers 2021

**Pre-Summit July:** Input by Sc.Group (evidence based briefs based on diverse material)

- 1) 5 action track papers and food systems paper  
final versions of Sc Group (by February)
- 2) Thematic papers on key issues (by March)
- 3) Policy briefs on regions' opportunities in support  
of dialogs (by April)
- 4) Modelling findings on agenda options (by April)
- 5) An Agenda paper (Outline in December, draft in  
March, final in May)

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## Regional and country dialogues and engagement with global science community

Chair: Mohammed Hassan

**TOR of Sc Group “Mobilize and connect with communities of leading science and knowledge bodies of relevance for food systems...” e.g.**

- Professional scientific associations
- Academies of Sciences
- Knowledge carrying- and using organizations in public and private sectors
- Young scientists and students



# Concept for engagement

1. mobilizing science community at global level and regionally. Special emphasis also on mobilizing young scientists, young academies and students. virtual meetings
2. mechanisms for the science community to engage as partners in the **country dialogues**; the Scientific Group might facilitate mobilization of local science communities.

# Scientific Group partnerships under discussion

1. Academies of Sciences (2018 report by IAP 'Opportunities for future research and innovation on food and nutrition security and agriculture'), Africa, Asia, Americas, Europe
2. Global Young Academy (GYA)
3. CGIAR (consultations; scientists nominated for cooperation) and IFPRI (agreement)
4. Assoc. of Internat. Res. & Dev. Centers for Agriculture (AIRCA), on marginal environments
5. LAC – IICA and science partners
6. India – ICRIER and others
7. Russian Academic communities
8. United Nations University (UNU)
9. OECD (2020 report 'Food Systems and the Challenge of Coherent Policies')
10. IIASA (2020 'IIASA-ISC Resilient Food Systems Consultation')
11. ZEF, FAO, CERES2030 (2020 report 'Ending Hunger by 2030: policy actions and costs')
12. Joint Research Council of EU (JRC) modelling team
13. Global Panel on Agriculture and Food Systems for Nutrition (report 'Future Food Systems')

## Selected Affiliations with Scientific Organizations by the Members of the Scientific Group (in current or recent leadership positions, as elected members, etc.)

Academia Colombiana de Ciencias Exactas, Físicas y Naturales

Académie Royale des Sciences, Belgium

Academy of Sciences of South Africa

African Academy of Sciences

African Association of Agricultural Economists

Agricultural and Applied Economics Association (AAEA)

American Association for the Advancement of Science (AAAS);

American Economic Association

American Geophysical Union

American Society of Agronomy

ASEAN Sub-Committee on Biotechnology (SCB)

Asian Society of Agricultural Economists

Asociación Colombiana para el Avance de la Ciencia (ACAC)

Association for Tropical Biology and Conservation

Association of Environmental and Resource Economics (AERE)

Bangladesh Public Health association, Bangladesh

British Ecological Society

Canadian International Society on Health

Chinese Academy of Agricultural Sciences (CAAS)

Chinese Academy of Sciences (CAS)

Chinese Association of Agricultural Economics

Cuban Academy of Sciences

EAT-Lancet Commission on Healthy Diets from Sustainable Food Systems

Ecological Society of America

Ecological Society of Japan

European Academy of Sciences and Art

European Association of Agricultural Economists (EAAE);

European Development Network (EUDN)

Food and Land Use Coalition (FOLU)

German Academy of Science and Engineering (acatech)

Global Alliance for Improved Nutrition

Global Water Partnership (GWP)

Hassan II Academy of Science and Technology

High-Level Panel of Experts (HLPE) to the UN Food Security Committee

Instituto Interamericano de Cooperación para la Agricultura (IICA)

Intergovernmental Panel on Climate Change (IPCC)

International Academy of Food Science and Technology (IaFoST)

International Advisory Council on Bio-Economy

International Association for Energy Economics

International Association of Agricultural Economists (IAAE);

International Commission on the Microbiological Specifications for Food (ICMSF)

International Soil and Tillage Research Organization

International Union of Food Science and Technology (IUFoST)

International Union of Forest Research Organization (IUFRO)

International Union of Nutritional Sciences

International Union of Soil Science

Islamic World Academy of Sciences

Japanese Society of Tropical Ecology

Joint Programming Initiative on Agriculture, Food Security and Climate Change (FACCE-JPI)

Korea Resources Economics Association

Korean Academy of Environmental Sciences

Lancet Commission on Obesity

Malabo Montpellier Panel on Food, Nutrition, Agriculture in Africa

Micronutrient Forum

Micronutrient Initiative

Mistra Council for Evidence-Based Environmental Management (EviEM)

National Academy of Science, USA

National Academy of Sciences Leopoldina, Germany

National Science and Technology Development Agency (NSTDA), Thailand

Network of African Science Academies (NASAC)

Pakistan Academy of Sciences

Pontifical Academy of Sciences, Vatican

Researchers for Global Health (R4GH)

Royal Society of Edinburgh (FRSE),

Royal Swedish Academy of Agriculture and Forestry (KSLA)

Science and Technology in Society (STS) Forum, Japan

Society for Implementation Science in Nutrition

Soil Science Society of America

South-East Asia primary health care innovations network (SEAPIN)

Spanish Academy of Engineering Sciences, Madrid, Spain

Sudanese National Academy of Sciences (SNAS)

Sustainable Organic Agriculture Action Network (SOOAN) of IFOAM

Technology and Innovation Platform of IFOAM

Thailand Society for Biotechnology

The Econometric Society

The European Science Foundation, (ESF)

The Global Research Alliance on Agricultural Greenhouse Gases

The Latin American and Caribbean Economic Association (LACEA)

The Latin American Econometric Society

The Partnership for Maternal, Neonatal and Child Health, Geneva, Switzerland

The Royal Academy of Arts and Sciences (KNAW), Amsterdam, The Netherlands

The Science Council of Japan

The Southern Regional Science Association

The Swedish Academy of Agricultural and Forestry Sciences, Stockholm, Sweden

The World Academy of Sciences for the advancement of science in developing countries (TWAS)

Uganda Society for Health Scientists Board

United Nations University (UNU), Tokyo, Japan

World Academy of Sciences

World Association of Soil and Water Conservation

World Science Forum, Hungary

## Criteria for cooperation with partners of the Scientific Group:

- 1) protecting **independence** of the Scientific Group, and we want to be **inclusive** with research partnerships
- 2) Scientific Group defines desirable **themes for background research and papers**, considering transparency, excellence and diversity
- 3) papers **by the** Scientific Group have Group members as authors, and/or co-authors from partnering organizations.
- 4) papers **for the** Group in support of the Scientific Group's agenda are decided by Scientific Group, and peer reviewed through Scientific Group mechanism

# Agenda

1. 14.00-14.30 **Welcome and briefing on FSS progress in general** (Agnes Kalibata, Special Envoy of the Food Systems Summit, will join the meeting)
2. 14:30-15:00 **Cross-cutting thematic policy briefs** (selection of themes and partnerships)
- Break 15:00-15:15
3. 15:15-16:00 **Outline of the work plan for the Science Group 2020/2021** (Goals, calendars, modelling, peer reviewed papers, policy briefs, consultations, communications)
4. 16:00 -16:45 **Regional and country dialogues and engagement with the global science community** (David Nabarro, food systems dialogue initiatives, will join the meeting)
5. 16:45-17:00 **Other business** (including Scientific Group meeting schedule 2021)

# A Website of Scientific Group [www.sc-fss2021.org](http://www.sc-fss2021.org) linked to Food Systems Summit Websites



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## Scientific Group of the UN Food Systems Summit 2021

In 2021, UN Secretary-General António Guterres will convene a Food Systems Summit to raise global awareness and lead global commitments and actions that transform food systems to resolve not only hunger, but to reduce diet-related disease and heal the planet. The Secretary-General is calling for collective action of all citizens to radically change the way we produce, process, and consume food. He has put in place several structures to support the Summit process:

### The Scientific Group ...

- is an independent and diverse group of leading researchers and scientists from around the world,
- is responsible for ensuring the robustness, breadth and independence of the science that underpins the Summit and its outcomes,
- will inform the Summit's content, recommended outcomes, clarify the level of ambition and commitments that will emerge from the Summit,
- works closely with the other structures for the Food Systems Summit, especially the Special Envoy for the Food Systems Summit and her Secretariat, the Action Tracks and Dialogue initiatives. (See ToR of the Scientific Group at "About us")

## LATEST NEWS

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## CONTACT

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Food Systems Summit 2021



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# Agenda

Proposal:

Monthly 1.5 hour meetings of Scientific Group  
form January to August 2020