

The outcomes from a Food Systems Summit Dialogue will be of use in developing the pathway to sustainable food systems within the locality in which they take place. They will be a valuable contribution to the national pathways and also of interest to the different workstreams preparing for the Summit: the Action Tracks, Scientific Groups and Champions as well as for other Dialogues.

Dialogue Title	Game-changing Partnerships for Game-changing Solutions for Food and Climate
Dialogue Date	Thursday, 19 November 2020, 15:00 - 15:00 UTC
Convened by	CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), The Earth Institute, Columbia University, and Bayer Crop Science
Dialogue event link	https://summitdialogues.org/dialogue/1717/

Participation					Total number of participants					107									
Participation by age range		0-18			19-30			31-50			51-65			66-80			80+		
Participation by gender		Male		61	Female		46	Prefer not to say or Other											
Number of participants in each sector																			
Crops			Education						Financial Services										
Fish and aquaculture			Communication						Health care										
Livestock			Food processing						National or local government										
Agro-forestry			Food retail, markets						Utilities										
Environment and ecology			Food industry						Industrial										
Trade and commerce			Other																
Number of participants from each stakeholder group																			
Small/medium enterprise/artisan						Member of Parliament													
Large national business						Local authority													
Multi-national corporation						Government and national institution													
Small-scale farmer						Regional economic community													
Medium-scale farmer						United Nations													
Large-scale farmer						International financial institution													
Local Non-Governmental Organization						Private Foundation / Partnership / Alliance													
International Non-Governmental Organization						Consumer group													
Indigenous People						Science and academia													
Workers and trade union						Other													

Principles of Engagement

How did you organize the Dialogue so that the Principles were incorporated, reinforced and enhanced?

How did your Dialogue reflect specific aspects of the Principles?

Do you have advice for other Dialogue Convenors about appreciating the Principles of Engagement?

Method

Did you use the same method as recommended by the Convenors Reference Manual?

YES

✓

NO

Dialogue Outcomes

A) Major focus

1. ENSURE ACCESS TO SAFE AND NUTRITIOUS FOOD FOR ALL • Addressing food loss and waste in supply chains, food security, and greenhouse gas emissions. Multi-stakeholder research and development. Leveraging technology to coordinate food distribution. • Innovating to advance the SDGs. 2. SHIFT TO SUSTAINABLE CONSUMPTION PATTERNS • Transforming diets to address pressing issues of malnutrition and obesity, while also reducing greenhouse gas emissions. Public policies to promote healthier foods. Access to affordable, nutritious food. Market incentives for farmers to advance sustainable agriculture. • Engaging 10 million young people in science-based social movements to catalyze climate action in food systems. 3. BOOST NATURE-POSITIVE PRODUCTION • Addressing the adverse impacts of agricultural production on critical ecosystems including tropical forests, peatlands, savannas, and grasslands. • Empowering 200 million farmers through the development of markets and implementing climate-smart agricultural practices to support resilience and profitability. • Unlocking USD 320 billion per year from both public and private finance to create business opportunities for sustainable finance. 4. ADVANCE EQUITABLE LIVELIHOODS • Closing the gender gap in agriculture and food systems that make it difficult for women to have access to resources and opportunities, including capital, technology, and land tenure. 5. BUILD RESILIENCE TO VULNERABILITIES • Empowering 200 million farmers through the development of markets and implementation of climate-smart practices for resilience and profitability.

Action Tracks		Keywords			
Action Track 1: Ensure access to safe and nutritious food for all	✓	Data & Evidence		Environment and Climate	
Action Track 2: Shift to sustainable consumption patterns	✓	Finance	✓	Governance	✓
Action Track 3: Boost nature-positive production	✓	Human rights	✓	Innovation	✓
Action Track 4: Advance equitable livelihoods	✓	Policy		Trade-offs	
Action Track 5: Build resilience to vulnerabilities, shocks and stress	✓	Women & Youth Empowerment	✓		✓

B) Overall conclusion

CONCLUSION: Connections, Actions, and Explore Connections: Establish relationships between a variety of stakeholders including scientists, researchers, and economists together with farmers, civil society, government agencies, businesses, educators, and political and social thought leaders. Each of these groups has a vital role to play in transforming food systems, as well as evaluating trade-offs and measuring results. **Actions:** To achieve success, stakeholders will need to collaborate to align public policies, subsidies, and financial investments that incentivize businesses and farmers to 1. Eliminate food loss and waste in the supply chain. 2. Conserve natural ecosystems. 3. Reduce greenhouse gas emissions. 4. Support healthy and sustainable climate-friendly diets. 5. Ensure that high nutrient foods are accessible and affordable to underserved communities. 6. Ensure equitable livelihoods for farmers, including smallholder farmers, women, youth, and underserved groups. 7. Provide equal access to capital, technology, and land tenure to smallholder farmers, women, and underserved groups. 8. Strengthen capacity to provide actionable and real-time information and advisory services to farmers. 9. Scale innovative solutions. To advance progress in achieving the SDGs, stakeholders will need to measure, evaluate, and report the data and evidence that is required to iteratively improve food systems. This will include ongoing assessments to balance food security, public health, the environment and climate change, farmer livelihoods, and the needs of women, youth, and underserved groups. **Explore:** Further explore food systems by drawing on data and evidence to guide: 1. Public policy—including subsidies, taxing, and food labeling—with regard to food security, public health, climate change and the environment, farmer livelihoods, and the needs of women, youth, and underserved groups. 2. Businesses, including financial investments, research and development, and innovation. 3. Research, education, and civil society to advance the SDGs.

Action Tracks		Keywords			
Action Track 1: Ensure access to safe and nutritious food for all	✓	Data & Evidence		Environment and Climate	
Action Track 2: Shift to sustainable consumption patterns	✓	Finance	✓	Governance	✓
Action Track 3: Boost nature-positive production	✓	Human rights	✓	Innovation	✓
Action Track 4: Advance equitable livelihoods	✓	Policy	✓	Trade-offs	✓
Action Track 5: Build resilience to vulnerabilities, shocks and stress	✓	Women & Youth Empowerment	✓		✓

C) Outcomes for each Discussion Topic - 1/5

1. ENSURE ACCESS TO SAFE AND NUTRITIOUS FOOD FOR ALL Outcome: Food loss and waste reduced by 50% in supply chains, thereby improving food security and reducing greenhouse gas emissions. Actions: Improve soil management and crop protection. Educate consumers about waste. Who: Farmers, businesses, researchers. Assess: Multi-stakeholder research. Challenge: Redistributing surplus food. Outcome: Food and agricultural systems are transformed to provide game-changing end to end solutions to advance the SDGs. Actions: Benefit farmers. Local solutions. Who: Farmers, scientists, businesses. Assess: Cross sectoral research. Challenge: Regional variations.

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Action Track 2: Shift to sustainable consumption patterns		Finance		Governance	
Action Track 3: Boost nature-positive production		Human rights		Innovation	
Action Track 4: Advance equitable livelihoods		Policy		Trade-offs	
Action Track 5: Build resilience to vulnerabilities, shocks and stress		Women & Youth Empowerment			

C) Outcomes for each Discussion Topic - 2/5

2. SHIFT TO SUSTAINABLE CONSUMPTION PATTERNS Outcome: Diets are transformed to address malnutrition and obesity, while reducing greenhouse gases. Actions: Policies and partnerships to help consumers choose healthier foods (labeling, taxation, advertising). Improve access to affordable, nutritional food. Market incentives for farmers. Who: PPPs. Assess: Trade-offs between farmer incomes, nutrient quality, food prices, and sustainability. Challenge: Shaping demand for healthier consumption. Outcome: 10 million young people are engaged in science-based social movements to catalyze climate action in food systems. Actions: Engage youth climate action leaders to incorporate food security, health, access, and systems innovation. Who: Cross-sectoral: private, public, science, education. Assess: Balance health and environmental science. Challenge: Promote longer term thinking.

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Action Track 2: Shift to sustainable consumption patterns	✓	Finance	✓	Governance	✓
Action Track 3: Boost nature-positive production		Human rights		Innovation	
Action Track 4: Advance equitable livelihoods		Policy	✓	Trade-offs	✓
Action Track 5: Build resilience to vulnerabilities, shocks and stress		Women & Youth Empowerment			

C) Outcomes for each Discussion Topic - 3/5

3. BOOST NATURE-POSITIVE PRODUCTION Outcome: Agricultural production does not adversely impact ecosystems including tropical forests, peatlands, savannas, and grasslands. Actions: Transform food systems to address climate and biodiversity crises. Conservation measures including pollinators and nutrient management. Incentivize farmers. Who: Businesses, government agencies, and schools. Assess: Data and evidence, evaluating trade-offs. Challenge: Scaling solutions. Outcome: USD 320 billion annually from public and private finance is unlocked to create business opportunities for sustainable finance. Actions: Align current spending, including by OECD countries (presently \$530 billion annually in farm subsidies), with incentives to advance the SDGs. Who: Government, businesses. Assess: Measure success by SDGs. Challenge: Pricing carbon.

Action Tracks		Keywords			
Action Track 1: Ensure access to safe and nutritious food for all		Data & Evidence		Environment and Climate	
Action Track 2: Shift to sustainable consumption patterns		Finance	✓	Governance	✓
Action Track 3: Boost nature-positive production	✓	Human rights	✓	Innovation	✓
Action Track 4: Advance equitable livelihoods		Policy	✓	Trade-offs	✓
Action Track 5: Build resilience to vulnerabilities, shocks and stress		Women & Youth Empowerment			

C) Outcomes for each Discussion Topic - 4/5

4. ADVANCE EQUITABLE LIVELIHOODS Outcome: Gender gap in agriculture and food systems is closed; women have equal access to resources and opportunities. Actions: Provide women and people of color with equal access to capital, technology, and land tenure. Align policies with the needs of smallholder farmers, solutions to climate change, and entrepreneurial opportunities. Who: Government, businesses. Measure: Access to resources. Challenges: Historic inequalities.

Action Tracks		Keywords			
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Action Track 2: Shift to sustainable consumption patterns		Finance		Governance	
Action Track 3: Boost nature-positive production		Human rights	✓	Innovation	✓
Action Track 4: Advance equitable livelihoods	✓	Policy		Trade-offs	
Action Track 5: Build resilience to vulnerabilities, shocks and stress		Women & Youth Empowerment			

C) Outcomes for each Discussion Topic - 5/5

5. BUILD RESILIENCE TO VULNERABILITIES Outcome: 200 million farmers are empowered through the development of markets and implementation of climate-smart practices for resilience and profitability. Actions: Assist smallholder farmers—provide access to technology and seeds to improve productivity and diversify income streams. Address gender gap. Who: Farmers, government, businesses. Assess: Measure greenhouse gas emissions and diversity of farmers’ revenues. Challenge: De-risking farmer livelihoods.

Action Tracks		Keywords			
Action Track 1: Ensure access to safe and nutritious food for all		Data & Evidence		Environment and Climate	
Action Track 2: Shift to sustainable consumption patterns		Finance	✓	Governance	✓
Action Track 3: Boost nature-positive production		Human rights		Innovation	
Action Track 4: Advance equitable livelihoods		Policy		Trade-offs	
Action Track 5: Build resilience to vulnerabilities, shocks and stress	✓	Women & Youth Empowerment	✓		✓

D) Areas of divergence

Strengths and vulnerabilities within food systems: Concerns were raised that in the process of adapting food systems to mitigate the effects of climate change and ecological degradation, the following three urgent matters must be addressed: Livelihoods of smallholder farmers and how they will be affected by changes in food systems. Women having access to resources, including capital, technology, and land tenure. Food security, including underserved communities having access to affordable and nutritious food. Areas that need further exploration: Given the extent of transformation that will be required to adapt food systems to address climate change and ecology, as well as food security and public health, participants focused on The urgency of data and evidence to evaluate trade-offs, and make adjustments in an iterative and timely manner. Practices that are needed for food system sustainability: Participants expressed the importance of involving a variety of stakeholders in the process of developing innovative solutions to transform to end to end food systems. They emphasized the importance of collecting data and evidence about trade-offs and what works, leveraging technology for sharing real-time information, and being inclusive. Stakeholders whose interests should be prioritized: There was a great deal of concern about: Prioritizing farmers, including small holder farmers and including women. Participants see farmers as valuable resources with regard to their experience and expertise. In fact, participants recommended that farmer-to-farmer networks be strengthened and empowered, and provided with technology that will enable them to share information in real time. Including youth. Success in transforming to sustainable food systems will require the engagement of young people. Participants urged that education be oriented to young people in addition to on-site problem solving to advance sustainable agriculture. Including women. Participants emphasized that women—including women of color—must have equal access to vital resources including financial capital, technology, and land tenure. That women need educational opportunities. That women must have a voice in decision-making. Prioritizing capacity building. Participants stressed the importance of capacity building to enable small holder farmers, women, youth, and people of color. This includes access to technology, financial capital, and land tenure, as well as information-sharing, networks among farmers, training and education.

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Action Track 3: Boost nature-positive production	✓	Human rights	✓	Innovation	✓
Action Track 4: Advance equitable livelihoods	✓	Policy	✓	Trade-offs	✓
Action Track 5: Build resilience to vulnerabilities, shocks and stress	✓	Women & Youth Empowerment	✓		✓

Attachments and relevant links

Attachments

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North America FSSD Report

<https://summitdialogues.org/wp-content/uploads/2021/01/FSSD-Dialogue-FINAL-1.pdf>