OFFICIAL FEEDBACK FORM

DIALOGUE DATE	Thursday, 17 June 2021 13:00 GMT -04:00
DIALOGUE TITLE	Defining the transformative collaboration needed to reduce GHG emissions in agriculture
CONVENED BY	Foundation for Food & Agriculture Research
DIALOGUE EVENT PAGE	https://summitdialogues.org/dialogue/6737/
DIALOGUE TYPE	Independent
GEOGRAPHICAL FOCUS	No borders

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.

1. PARTICIPATION

TOTAL NUMBER OF PARTICIPANTS 39

PARTICIPATION BY AGE RANGE

0	0-18	2	19-30	25	31-50	12	51-65	0	66-80	0	80+

PARTICIPATION BY GENDER

12	Male	26	Female	1	Prefer not to say or Other

NUMBER OF PARTICIPANTS IN EACH SECTOR

19	Agriculture/crops	3	Education	0	Health care
0	Fish and aquaculture	2	Communication	0	Nutrition
3	Livestock	4	Food processing	2	National or local government
0	Agro-forestry	1	Food retail, markets	0	Utilities
4	Environment and ecology	0	Food industry	0	Industrial
1	Trade and commerce	0	Financial Services	0	Other

NUMBER OF PARTICIPANTS FROM EACH STAKEHOLDER GROUP

7	Small/medium enterprise/artisan	0	Workers and trade union
2	Large national business	0	Member of Parliament
7	Multi-national corporation	0	Local authority
0	Small-scale farmer	0	Government and national institution
3	Medium-scale farmer	0	Regional economic community
1	Large-scale farmer	0	United Nations
7	Local Non-Governmental Organization	0	International financial institution
2	International Non-Governmental Organization	7	Private Foundation / Partnership / Alliance
0	Indigenous People	0	Consumer group
3	Science and academia	0	Other

2. PRINCIPLES OF ENGAGEMENT

HOW DID YOU ORGANIZE THE DIALOGUE SO THAT THE PRINCIPLES WERE INCORPORATED, REINFORCED AND ENHANCED?

Our dialogue was designed to be attended by multiple stakeholder groups, including farmers, ranchers, research organizations, industries, NGOs and media. The main objective of the event was to discuss and develop coordinated and collaborative strategies to reduce GHG emissions in the agriculture sector that will support a more equitable and sustainable food system. We designed the discussion questions to center on farmers and ranchers sharing what they need to drive sustainable, profitable solutions on their operations, with scientists and industry partners actively listening and brainstorming solutions with them. The goal was to allow for tension and allow for challenging and complex discussion as to what has prevented adoption throughout the ag sector.

HOW DID YOUR DIALOGUE REFLECT SPECIFIC ASPECTS OF THE PRINCIPLES?

Embrace Multi-Stakeholder Inclusivity – The attendees represented a diverse group of stakeholders across the ag sector. Discussion within and across groups was focused on defining the research gaps, data and support needed to achieve transformative collaboration, and maximize knowledge, investment and scalability. Complement the Work of Others – The keynote speakers included two farmers to give their unique perspectives, and set the scene for the breakout discussions. We encouraged conversation around specific efforts farmers have already made towards implementation and adoption of climate-smart practices. Scientists and industry partners were then asked to discuss how these efforts can complement their own initiatives, and how they might be able to work together. Be Respectful & Build Trust – We encouraged honesty, transparency and active participation throughout the dialogue as a way to build trust between the various stakeholder groups. We reinforced the fact that there is a growing sentiment in the U.S. ag community that farmers and ranchers can't take on the burden of solving climate change alone, and all participants in the dialogue have a role to play.

DO YOU HAVE ADVICE FOR OTHER DIALOGUE CONVENORS ABOUT APPRECIATING THE PRINCIPLES OF ENGAGEMENT?

FFAR is highly committed to Recognizing Complexity and Embracing Multi-Stakeholder Inclusivity. Public-private partnerships are crucial to accelerating bold solutions to urgent food and agriculture challenges. These solutions are imminently needed to provide every person access to affordable, nutritious food grown in ways that sustain the environment. FFAR's agile approach leverages public funds to form partnerships that match the public funds with private sector investments. Public-private partnerships position us to convene stakeholders both inside and outside the food and agriculture industry. Our convening capabilities and the depth of our relationships with wide-ranging stakeholders create an atmosphere of collaboration that is unique within the agriculture research community. It is not every day that competitors join forces to address a common challenge, but our mission helps unusual partners work together for the common good.

3. METHOD

The outcomes of a Dialogue are influenced by the method that is used.

DID YOU USE THE SAME METHOD AS RECOMMENDED BY THE CONVENORS REFERENCE MANUAL?

✓ **Yes** **No**

4. DIALOGUE FOCUS & OUTCOMES

MAJOR FOCUS

The focus of the FFAR sponsored dialogue held on June 17, 2021, titled "Transformative Collaboration in Agriculture" examined both the links between Action tracks 3, 4, and 5 and levers of change.

The objective of this Dialogue was to hold space for a conversation bringing together farmers, ranchers, research organizations, industries and NGOs to discuss the transformative collaboration needed to develop coordinated, collaborative strategies that reduce GHG emissions in the agriculture sector, ultimately to net negative.

Through a series of breakout discussions, the goal was to engage farmers, ranchers and scientists in a candid conversation about what they feel a successful relationship can look like to accelerate adoption of climate-smart farming practices.

Climate change is a threat to food security worldwide. While advances to reduce greenhouse gas (GHG) emissions are happening in labs and fields around the globe, that work is fragmented, and the impacts continue to accelerate. Without an expansive, coordinated effort, we can't connect knowledge and data from one part of the world that could benefit another.

By creating an expansive, coordinated response, we can maximize knowledge, investment and scalability. That's why FFAR, USFRA and WFO established AgMission, a partnership to mobilize farmers, ranchers, scientists, data providers, stakeholders and funders around the globe to develop, implement and accelerate climate-smart farming practices at scales previously unimagined. By working together, we can close the gaps in agriculture-climate research and data integration while accelerating the development and adoption of new and proven on-farm climate solutions.

In pursuit of this goal, FFAR convened an Independent Dialogue on June 17, 2021 titled "Transformative Collaboration in Agriculture" to bring together farmers, ranchers, research organizations, industries and NGOs to discuss the transformative collaboration needed to develop coordinated, collaborative strategies that reduce GHG emissions in the agriculture sector, ultimately to net negative.

The main objective of the event was to discuss and develop coordinated and collaborative strategies to reduce GHG emissions in the agriculture sector that will support a more equitable and sustainable food system. Through multiple small breakout group discussions, FFAR and partners focused on defining the research gaps, data and support needed to achieve transformative collaboration among farmers, ranchers, scientists, industries and NGOs to accelerate adoption of climate-smart farming practices.

ACTION TRACKS

	Action Track 1: Ensure access to safe and nutritious food for all
	Action Track 2: Shift to sustainable consumption patterns
✓	Action Track 3: Boost nature-positive production
✓	Action Track 4: Advance equitable livelihoods
✓	Action Track 5: Build resilience to vulnerabilities, shocks and stress

KEYWORDS

	Finance		Policy
✓	Innovation	✓	Data & Evidence
	Human rights		Governance
	Women & Youth Empowerment		Trade-offs
		✓	Environment and Climate

MAIN FINDINGS

The main findings from the four facilitated breakout discussions were as follows:

Alignment exists between both farmers and industry on the need to balance risk and profitability when it comes to implementation of climate-smart practices. Proof of success and a need for rewards and recognition along the entire supply chain are valuable components for farmers and industry to assess potential profit. The industry breakout groups discussed that the issue of climate-smart implementation is not just an economic issue, but also an existential issue, because they acknowledge the desire from their consumers to become more aware and active in the GHG reduction space.

Another finding expressed was a desire for a farmer-led system that connects researchers to farmers. Scientists often need farmers to participate in trials and demonstrations in order to produce the proof of success that farmers need. However, there is a disconnect in the system where farmers don't know how to get involved, and scientists don't know how to reach out. A clear need exists to facilitate these types of conversations. During the report out, it was noted that industry groups and private sector networks could assist with the execution of creating these engagement channels for farmers and researchers

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OUTCOMES FOR EACH DISCUSSION TOPIC - 1/6

Topic: Research and data

Data is critical to the success of any climate-smart farming practice, and generating that data requires expansive research, both on and off the farm. Ensuring comprehensive representation of farm types, while identifying learnings from past research and data trials in other regions can be difficult and disconnected.

An opportunity identified is matching farmers who are willing to be involved in trials with projects to coordinators on a larger scale. Farmers can be incentivized to participate in trials, similar to how the medical community rewards patient trial participants.

Understanding gaps in current data to further support adoption must happen quickly. This includes documenting the risks and costs of a new practice at a comprehensive level (new equipment, additional labor, etc.). This will help clearly communicate the value of practices back to farmers – data, results, financial gain – and create opportunities for farmers to be paid for their data, what many believe is the most valuable commodity on a farm.

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OUTCOMES FOR EACH DISCUSSION TOPIC - 2/6

Topic: Data interoperability

As data collection efforts begin to expand, the next step is creating a centralized and easily accessible depository to make data available to everyone. Many organizations are attacking this problem and contributing to solutions, but there is no central coordination strategy, resulting in continued fragmentation.

While identifying all existing data is important, the results must be fully interoperable, democratized and supported by public policy and governance, ultimately contributing to long-term access to stakeholders.

Barriers to success around data operability include the enormity of the effort and that much of the data from existing research is currently too narrow in scope to address opportunities holistically. Universal availability will broaden the scope and efficacy of practices and systems in overcoming growing climate challenges.

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OUTCOMES FOR EACH DISCUSSION TOPIC - 3/6

Topic: Measuring and maximizing results

Success in reducing GHGs depends on how to measure the efficacy of climate-smart, on-farm practices. This requires a wholesale infrastructure approach that will identify effective practices to optimize and integrate on large scales. This may require outcome-based reporting tools that document what farmers and ranchers are doing to reduce GHGs, and also the production efficiency and economic impacts to an individual (but anonymous) farm or ranch.

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OUTCOMES FOR EACH DISCUSSION TOPIC - 4/6

Topic: Collaborate effectively

While collaboration exists in agriculture and agriculture sustainability efforts, it tends to be regional or otherwise limited. No initiative to date has bridged geographies, crops and animals, production methods and other variances to realize the full value of existing and future collaboration within the global entirety of agriculture. There is a need to unify and connect efforts to prevent fragmentation or duplications while filling data gaps, maximizing resources and accelerating progress.

To accomplish this, engaging farmer peer networks will be crucial, as well as connecting with farmer and rancher advisors. The focus of these efforts is to demonstrate transparency, build trust and drive effective outcomes.

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		✓	Environment and Climate

OUTCOMES FOR EACH DISCUSSION TOPIC - 5/6

Topic: Incentivizing adoption

There are many public and private efforts to incentivize certain climate-smart practices. There are likely resources on the table that can be shifted to support this collaboration. There is a way to get costs covered by the whole system; without that, it will be difficult for private sectors to adequately address incentives for farmers.

ACTION TRACKS

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✓	Action Track 5: Build resilience to vulnerabilities, shocks and stress

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OUTCOMES FOR EACH DISCUSSION TOPIC - 6/6

Topic: Rapid-scale adoption

The adoption of climate-smart farming practices is also about building high-quality, comprehensive datasets that can help drive adoption by connecting them to the most economically viable practices and systems on every farm. Through research and pilot projects, data can be applied industry-wide to specific practices and systems that will also generate new revenue for farmers and other key stakeholders.

Currently, there is no platform or forum to provide expansive training on climate-smart practices to farmers. The need is even larger in developing countries and bridging that gap is critical for climate-smart ag production practices to become normalized globally.

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✓	Action Track 5: Build resilience to vulnerabilities, shocks and stress

KEYWORDS

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	Women & Youth Empowerment		Trade-offs
		✓	Environment and Climate

AREAS OF DIVERGENCE

N/A

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KEYWORDS

- Finance
- Innovation
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- Environment and Climate

ATTACHMENTS AND RELEVANT LINKS

RELEVANT LINKS

- **AgMission Website**
  http://www.agmission.org