

GACSA Annual Forum 2021

Co-Chairs' Summary Report

18-19 November 2021 – Via Zoom

Day 1 (18 November 2021)

1. Opening Session

Opening Remarks

Prof. Lindiwe Majele Sibanda, GACSA Co-Chair, opened the GACSA Annual Forum 2021. She thanked all the members for being present and announced that this would be her last Annual Forum, as would be handing over to the incoming Co-Chair at the end of the Forum.

Dr. Hans Hoogveen, GACSA Co-Chair, called on GACSA members to radically change GACSA's current pathway in the light of increasing hunger and the increasing number of people who do not have access to sufficient, affordable and nutritious food. GACSA has a huge opportunity to contribute to needed change and challenges as we are rebuilding our economies and building back from the COVID pandemic, and based on the outcomes of the UN Food Systems Summit, the Biodiversity Summit and COP26. Crucial in our efforts are a multi-stakeholder approach and increasing our actions on the ground. This is why GACSA is so important: a multi-stakeholder platform that brings together actors to focus on bringing Climate-Smart Agriculture (CSA) solutions on the ground. The Alliance should also increase collaborations with international organizations, including the Rome-Based Agencies, to support countries to access the right tools and funds. "Our actions are our future" should be the driving force for the Annual Forum, with the future of GACSA in the heart of its program.

Adoption of the Agenda

The Annual Forum adopted the agenda without amendments. The full agenda for Day 1 and Day 2 can be found in *Annex 1*.

2. Keynote: New thinking and new direction of Climate Smart Agriculture, and how can GACSA contribute to this

Dr. Bruce Campbell, Director of the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), delivered a pre-recorded keynote speech to kick-off the GACSA Annual Forum 2021. His speech set the tone not only for the Annual Forum, but also greatly contributed to the Annual Forum's reflections on the future of GACSA. Dr. Campbell called on GACSA Members to take more risks and think "out of the box", to address the immense challenges that we are facing. This meant that a strong focus on innovation and technology should especially focus on the dissemination of, and enabling framework for innovation and technology; that it is important to think further than traditional strategic policy frameworks and include totally different kinds of experts, such as energy specialists, insurance sector specialists and banking sector specialists; and that the central role of farmers should be supported by a central role of the market infrastructure and the actors whom enable this, such as the private and banking sector.

Mr. Dhanush Dinesh, Head of Partnerships and Outreach for CCAFS, focused on the need for a reconfiguration of our knowledge and innovation systems, to include more emphasis on knowledge

transfer and use and to go beyond technology to foster change. In light of this transformation, he introduced the “Think and Do Tank: Clim-Eat”. Clim-Eat seeks to be a bridge between the food and climate communities, mobilizing knowledge and connecting it to action through policy and practice. Mr. Dinesh’ presentation can be found in *Annex 2*.

GACSA Members raised points concentrating on:

- A needed shift in the vision for GACSA from thinking to acting, while enabling already existing policies and technologies, renewing the organizational architectures and reducing redundancies;
- A broadening of the Alliance's focus from knowledge and innovation to actions at the consumer level; and
- The need to strengthen efforts to empower as well as engage the youth and women in building together the agenda for upcoming actions.

3. Video from farmers and fisherfolks from the Philippines

Farmers and fisherfolk from San Francisco, the Philippines showed the high impact of climate disasters, such as typhoons, on their livelihoods. They highlighted the need for climate-smart solutions in agriculture and the need for better collaboration between agencies at a local level.

4. The Future of GACSA: 2030 and Beyond

The GACSA draft Strategic Plan for 2022-2032 was presented, outlining the vision for the future of GACSA and setting out game-changing objectives that GACSA Members aim to achieve.

GACSA members welcomed the draft Strategic Plan, and noted specifically its timeliness, that it was well-positioned, and its connections to discussions happening in other forums, including the UN Food Systems Summit, COP26 and discussions on Nature-Based Solutions (NBS). GACSA members provided their inputs on the draft Strategic Plan, which was incorporated in the revised draft Strategic Plan (presented and adopted on Day 2). Members’ inputs included:

- The inclusion of a reflection on how GACSA’s work is complementary to ongoing and new discussions and work related to developments such as the food systems approach, COP26 discussions and NBS, developing CSA thinking and moving to action;
- The addition of guiding principles on:
 - o inclusivity;
 - o broadening partnerships between sectors;
 - o increasing and promoting knowledge, research and development; and
 - o improving effectiveness and accessibility of public and private investments and funds;
- The inclusion of women, youth and finance as cross-cutting themes; and
- A wider understanding of the scope of innovation as including dissemination, scaling up, finance, and policy frameworks.

5. Regional Alliances and their future commitments to CSA actions: Linking Local to Global

This session provided an opportunity for GACSA Members to highlight the work of their institutions at the regional level and discuss how GACSA can strengthen its commitment as a multi-stakeholder platform – linking local to global. Participants were divided into 4 breakout rooms, based on the region

in which they are active: Africa (moderated by **Ms. Sithembile Ndema Mwamakamba**, FANRPAN), Asia (moderated by **Ms. Imelda Bacudo**, ASEAN-CRN), Latin America (moderated by **Ms. Abigail Alvarado**, PLACA) or North America (moderated by **Mr. Fred Yoder**, Solutions from the Land). The discussions were driven by two guiding questions: 1) What opportunities could Regional Alliances see to connect to NDCs and other relevant national policy frameworks; and 2) How can GACSA Regional Alliances support your work towards the three thematic areas. After the breakout rooms, the results were presented by the moderators and discussed in plenary.

The results that emerged from the discussions were:

- There is a need for better tools and platforms for the Regional Alliances to:
 - Support them to better connect to actors from a local to regional level;
 - Connect the Regional Alliances with each other and with the GACSA Action Groups; and
 - Foster knowledge-sharing.
- With GACSA's support, Regional Alliances should serve as facilitators to bring different actors together on CSA dialogues, and to provide guidance for national governments on shaping their national policy frameworks; and
- With the help of GACSA, Regional Alliances should offer support to local actors to access resources, including climate funds and expert knowledge.

These results were included in the revised draft Strategic Plan (presented and adopted on Day 2).

6. Action Groups Breakout Rooms Session

This session focused on how the three Action Groups (Knowledge, Investment, and Enabling Environments) will contribute through concrete actions to the three thematic areas. Participants were divided into three breakout rooms accordingly (the Knowledge Action Group focused on thematic area *Resiliency and Climate Change*; the Investment Action Group focused on thematic area *Innovation and Technology for Climate-Smart Agriculture*; and the Enabling Environments Action Group focused on thematic area *Sustainable Agriculture, Climate Change Adaptation and Mitigation in a Multi-Dimensional Food System*). The session started with an introductory presentation by the moderators (**Ms. Allison M. Chatrchyan (Cornell University) – Knowledge Action Group**, **Mr. Beau Barbe (World Business Council for Sustainable Development (WBCSD) – Investment Action Group** and **Ms. Maria Rosa Mosquera Losada (Universidad Santiago de Compostela) – Enabling Environments Action Group**, discussing the results of the November 2020 “Scaling-Up Climate-Smart Agriculture Globally Through GACSA” survey for GACSA Members. This presentation can be found in *Annex 3*. The discussions in the breakout rooms were based on the following guiding questions: 1) What is your organization doing or could do to address a need identified from the survey; 2) How can each Action Group contribute to the respective thematic areas; and 3) How can the Action Group integrate this work with the Regional Alliances. The virtual whiteboards (jamboards) that were created in each breakout room can be found in *Annex 4*.

The results from each breakout room were presented by the moderators (mentioned above) back in the plenary to support and carry forward the vision and momentum for GACSA. These results included:

- Setting up a network with universities/research centers to develop scientific research on CSA;
- Organizing dialogues at the local level with GACSA and the Regional Alliances to collect what farmers are doing;
- Organizing regular engagement to share info on CSA practices;
- Strengthening partnerships with the private sector;
- Involving the Regional Alliances in all Action Group activities;
- Organizing round tables with the private sector with a regional focus;

- Linking up with GACSA members, especially focus on bringing corporates to discuss farmer-centric solutions;
- Mapping out best practices to create direct links between communities/organizations and companies;
- An analysis of business environments where sustainable practices are promoted; and
- Sharing best practices with the Regional Alliances, who can provide baselines in CSA indicators.

These results were included in the revised draft Strategic Plan (presented and adopted on Day 2).

7. Wrap-Up of Day 1

The GACSA Co-Chairs closed Day 1 of the GACSA Annual Forum 2021 with a presentation of the key messages of Day 1. One of the key messages is the need to make innovations and technologies accessible for farmers on the ground. At the end of the day, the results on the ground are the only thing that counts. This is a key area where GACSA can contribute.

Dr. Hoogeveen also highlighted:

- The inspiring appetizer from Dr. Bruce Campbell and Mr. Dhanush Dinesh, encouraging GACSA Members to go further, to be “a little bit crazy”, and to think “out of the box”;
- The wishes expressed by GACSA members for a stronger link with latest developments, including the UN Food Systems Summit and Nature-Based Solutions, and to clarify the CSA concept in relation to these developments;
- The discussion on the importance of empowering women and youth, and especially on how this should be done; and
- The excellent sessions with the Regional Alliances and the Action Groups, where the strengthening of their roles was discussed.

Day 2 (19 November 2021)

1. Debriefing COP26: Identifying future opportunities for CSA and how GACSA can capitalize them

Mr. Zitouni Ould-Dada, Deputy Director of the Office of Climate Change, Biodiversity and Environment (OCB) at FAO, introduced the session and emphasized how COP26 has been the first to put nature and resilience in food and agriculture under the spotlight, and that the GACSA Strategic Plan is timely and aligned with COP26 discussions. He also encouraged all parties to work more with what is outside of the strictly agricultural sector. He then gave the floor to the two speakers.

Mr. Abdul-Razak Saeed, Climate Lead at the Rainforest Alliance, highlighted the endorsement of innovation and investment in agriculture at COP26, and the importance to unlock new solutions also thanks to the USD 4 billion financial pledges from the public sector. Regarding GACSA's possible contributions, he suggested that the Alliance continue being an interface between science, policy, and practice, sharing innovations and data. He expects continued joint work between GACSA and other organizations towards a multi-sectoral approach, in order to leverage the complex interactions between agriculture and economic dynamics within the different landscapes.

Mr. Hans Sauter, Chief Sustainability Officer at Fresh Del Monte, reminded the participants that we are close to a new agricultural revolution and remarked the opportunities for Public-Private Partnerships (PPPs), included in discussions during COP26, to bring such a revolution to the next level. He expressed hope that COP27 will bring farmers organizations to the table of actual negotiations. On GACSA's possible contributions, he suggested that the Alliance should incorporate behavioral sciences, as new tools to be offered to the general farming sector. On collaboration towards COP27, he welcomed joint action in the regions, especially by involving the youth in educating at the peer level and beyond.

The two speakers agreed on a main take away from COP26, that there must be room for a shared responsibility and that we should not look only at the farmers to take on game-changing solutions to adapt, mitigate, and become more resilient to climate change.

GACSA Members provided input on how GACSA can provide contributions to: 1) Leverage what the Glasgow path mentioned as nature-based solutions; 2) Expand the focus on multilateralism, since the Alliance fully represents this concept; 3) Reinforce the importance on people and their capacity to adapt and mitigate; and 4) Be a space to bring together investment action groups to look into opportunities for financing farmers and farmers organizations. GACSA could also facilitate outside negotiations or preparatory discussions for COP27.

2. Positioning Youth in Agriculture

During this interactive session, moderated by **Dr. Rachel V. Brown**, Co-founder and Executive Director of the Every Mickle Foundation, it was discussed how linkages between youth groups and GACSA's Regional Alliances and Action Groups can be strengthened. Youth champions also showcased the importance of CSA.

Mr. Kazuki Kitaoka, Coordinator of the World Food Forum 2021, presented the World Food Forum, a new youth-led global movement that ensures the voices of marginalized youth are heard to create a better food future. The World Food Forum had their first Forum in October 2021, and some of the

outcomes were the creation of youth action governance and compendium, the inception of a young scientist group, a tabled indigenous youth declaration and the organization of several masterclasses. Mr. Kazuki invites all youth to join the World Food Forum. Furthermore, he highlighted the important role that GACSA, in collaboration with the World Food Forum, plays as a supporting mechanism in giving youth the opportunity to come to the table, and as a key actor in fostering partnerships.

Ms. Earlene Cruz, Founder and Director of Kitchen Connection, highlighted the importance of youth as agents of change – leveraging our risk-taking nature; not simply trying to imitate other “official” leaders. Intergenerational work is important and young people have a unique value on teams: “it is our experiences that make us experts”. Ms. Cruz shared Kitchen Connection initiatives, including their contribution to the UN Youth Climate Compact; the initiative “Table Talks”, which provides a safe space for young people to talk about food system topics, and “The United Nations Cookbook” which will soon be launched and will include recipes from farmers and indigenous peoples from all regions of the world as well as carbon calculations for all recipes.

Mr. Neekhil Prasad, Climate Leader, Researcher and Aspiring Scientist, shared the challenges that the South Pacific, a developing region, is facing as a result of climate change. Such challenges are especially imposed on the agricultural sector: climate change severely impacts land and marine resources of the South Pacific region and leads to a decline of agricultural productivity and disruptions in food availability. This leads to unemployment, poverty, hunger and climate-induced migration. The South Pacific region is deprived of financial resources and is highly dependent on the agricultural sector. While governments are working to evolve traditional ways of farming, incorporate agricultural science and revise policies in support of farmers, the region is in need of finance and expertise. As Pacific youth, Mr. Prasad hopes for more sustainability to come.

During the discussion, the ideas of a database of youth farmers with an overview of what young farmers are doing where, and an International Youth Farmer Parliament at a UN level were brought forward. The youth leaders highlighted the need for intergenerational teams to take risks and make change, for young people to come together, and for GACSA to support youth groups by pioneering capacity building and learning platforms to emerging youth groups. The speakers and moderator encouraged participants, especially youth, to get more involved with GACSA's Regional Alliances and Action Groups.

3. Innovation Session

The innovation session focused on how innovation and technology can be accessible, affordable, and implemented. The session was moderated by **Ms. Anna De Palma**, livelihoods Adviser at the UK Foreign, Commonwealth and Development Office. In her remarks, Ms. De Palma recalled how agriculture and the food systems were recognized at COP26 as key for CO2 emissions reduction and for strengthening mitigation and resilience. While acknowledging the critical value they play in the climate crisis, she highlighted that we must work to close the innovation gap and deliver innovation that makes sustainable agriculture more affordable. Part of the solution is increasing investments and adapting agricultural innovative solutions to local needs. To do so, we must improve the way in which we build partnerships, starting from building consensus of the evidence. GACSA can be instrumental to such a goal by bringing partners together to improve food systems that can deliver for the people and for the climate.

Mr. Tabi Joda, Coordinator of One Billion Trees for Africa, spoke to how CSA innovations should have a holistic impact and contribute to ensuring food access, using fewer natural and financial resources, producing less waste, reducing pressure on the landscape, and protecting biodiversity. Production must be innovative in such a way that it helps build resilience and prevent climate refugees. From farm

to fork, systems should be simplified to be more efficient and enable access to healthy and nutritious food. He highlighted the need to identify practices that lead to resilience for people, nature and climate. GACSA could shift the goalpost on what is globally considered as innovation. We need to move from research and policy to practice and innovations for the landscape.

Mr. Jeremy Adamson, Senior Political Advisor at the United States Department of Agriculture's Foreign Agricultural Service, highlighted the importance of sustainability including economical, environmental and social angles. The US has benefited from CSA practices. Innovation and new technologies are important next steps. The Agriculture Innovation Mission for Climate initiative launched at COP26 by the US and UAE focuses on increasing investment and raising ambition for rapid and transformative climate action. GACSA Members are invited to join this initiative and its activities. GACSA Members may also be interested in the climate partnership program as an opportunity to engage in pilot projects.

GACSA Members highlighted the importance of an enabling environment to bring innovation to scale, and of affordable, accessible and implementable innovation for CSA. Low-cost and indigenous innovations may have an important role to play. Members raised examples of methane-reducing innovations. They connected the topic to recent discussion at COP26, and spoke to the importance of knowledge sharing, trust and measurement.

4. GACSA Governance & Strategic Plan finalization

Strategic Committee Composition

Dr. Hans Hoogeveen, GACSA Co-Chair, presented the proposal for a new Strategic Committee composition, as proposed during the Strategic Committee meeting of 14 October 2021. According to the new proposal, the GACSA Strategic Committee shall consist of up to 31 members:

- Co-Chairs (2);
- Co-Conveners of the three Action Groups (6);
- Up to two (2) representatives of each of the six constituencies (i.e. governments, businesses, farmers' and producers' organizations, civil society groups, research bodies and intergovernmental entities) (12);
- Chairs of the GACSA's Regional CSA Alliances (one from each alliance of currently seven) (7);
- FAO as a hosting organization of GACSA FU (1);
- (Possibility to have 3 co-opted members if necessary (3));
- Other GACSA members can participate as observers on issues of interest, upon invitation or request.

The Annual Forum adopted the new Strategic Committee composition. The Co-Chairs invited constituencies to appoint two members per constituency to serve on the Strategic Committee, and announced that the call for nominations has been extended until the 31st of December 2021.

Financial Matters

Mr. Simon Leiva, GACSA Facilitation Unit Coordinator, presented a financial overview of GACSA to the members.

GACSA Members welcomed the presentation of the financial matters. Several questions were raised regarding the small funding basis for GACSA and the financial sustainability of GACSA. The Annual Forum requested that the GACSA Facilitation Unit presents a more detailed financial overview, a forecast of the needs for 2022, and an action plan for broadening the financial basis for GACSA at the next Strategic Committee Meeting. Furthermore, the Annual Forum requested the establishment of a

Financial Task Force to strengthen financial reporting and resource mobilization for the next term, in close cooperation with the Regional Alliances and Action Groups.

GACSA Strategic Plan 2022-2032

The revised draft Strategic Plan, based on input received from GACSA Members during Day 1 of the Annual Forum, was presented.

GACSA members took note of and welcomed the revisions made to the draft Strategic Plan. GACSA Members requested that the Strategic Plan included the following additional comments:

- A reference to the impact of agricultural plastics pollution;
- The overlap between thematic areas 1 and 3 regarding climate adaptation should be addressed;
- A paragraph to link CSA with to the One Health approach;
- A strong reference on how the Strategic Plan will be implemented into actions and how we GACSA members will be involved; and
- A reflection of a strong commitment to empower local authorities and policy makers on how to work with the CSA concept.

The Annual Forum adopted the Strategic Plan GACSA 2030 and beyond, based on the understanding that the abovementioned additional comments are included.

Announcement of the Incoming Co-Chair

Dr. Hans Hoogveen, GACSA Co-Chair, thanked and applauded **Prof. Lindiwe Majele Sibanda**, outgoing GACSA Co-Chair, for being the face of GACSA, for her hard work, and for sharing her leadership and wisdom, both as a farmer and a strong voice. Prof. Sibanda has helped ensuring that GACSA got closer to where it needs to be in implementing the CSA concept and she put great emphasis on the regional alliances.

Prof. Lindiwe Majele Sibanda, outgoing GACSA Co-Chair, said to be excited from the discussions past two days. It is looking up: agriculture is now an important part of climate policy negotiations; because she is leaving the Co-chairpersonship in good hands. She urges her successor to always keep her constituency in mind and, above all, to enjoy this special task. Finally, she reminded GACSA members to make better use of the Facilitation Unit.

Dr. Hoogveen then announced the candidature of **Ms. Imelda Bacudo**, for incoming GACSA Co-Chair.

Ms. Imelda Bacudo is committed to fulfilling this role and hopes to step up to the challenge. She highlighted that she has very big shoes to fill. She thanked the Co-Chairs and the Strategic Committee for this opportunity and she hopes to be instrumental in implementing the GACSA Strategic Plan 2022-2032. Ms. Bacudo is inspired by the energy coming from the membership and the rich discussions over the past two days. She is looking forward to, together with the help of everyone, making GACSA the best Alliance it can be, as a tool for the transformation of agriculture amidst the planetary crisis we are facing.

The Annual Forum approved the appointment of **Ms. Imelda Bacudo** as the new co-chair for GACSA.

Dr. Hans Hoogveen congratulated **Ms. Imelda Bacudo** with her new appointment and highlighted that he looks forward to working with her, and the whole membership, to implement the GACSA Strategic Plan.

5. Results and next steps

Dr. Hoogeveen looked back on a successful Annual Forum, and he highlighted particularly the energy that Youth brought to the Forum, which we all must bring forward in our future work in GACSA. He promised that the Youth would get a stronger position and would be empowered to lead us further. He ended the Annual Forum with the same words as he opened it: “our actions are our future”.

Ms. Imelda Bacudo, newly appointed GACSA Co-Chair, closed the Annual Forum 2021.

GACSA Facilitation Unit

Global Alliance for Climate Smart Agriculture (GACSA)

Office of Climate Change, Biodiversity and Environment (OCB)
Food and Agriculture Organization of the United Nations (FAO)
Viale delle Terme di Caracalla, 00153 Rome, Italy

GACSA-Facilitation-Unit@fao.org

Table of Contents

Annex 1: Agenda.....	2
Annex 2: Presentation D. Dinesh.....	4
Annex 3: Introductory Presentation Action Groups	13
Annex 4.1: Jamboard Knowledge Action Group	35
Annex 4.2: Jamboard Investment Action Group	40
Annex 4.3: Jamboard Enabling Environment Action Group	45
Annex 5: List of Attendees	50

GACSA Annual Forum 18-19 November 2021

DAY 1 (18 November 09:30-17:15 CET)

09:30-09:45	<p>Opening Session</p> <p><i>Welcoming Remarks and Adoption of the Agenda by Prof. Lindiwe Majele Sibanda and Dr Hans Hoogeveen, GACSA Co-Chairs.</i></p>
09:45-11:00	<p>Keynote: New thinking and new direction of Climate Smart Agriculture, and how can GACSA contribute to this</p> <p><i>Informative session presenting the main achievements of GACSA, setting the tone for the Annual Forum and the future for GACSA.</i></p> <p>Speakers: Dr. Bruce Campbell (Director of the CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), followed by Mr Dhanush Dinesh (Head of Partnerships and Outreach, CCAFS) and Think Tank with participants</p>
11:00-11:05	Video from a farmer from the Philippines – addressing CSA and climate change challenges
11:05-13:00	<p>The future of GACSA: 2030 and beyond</p> <p><i>An informative session with a presentation of the new GACSA Strategic Plan, outlining the vision for the future of GACSA and setting out game-changing objectives that Alliance members aim to achieve.</i></p>
13:00-14:00	Break
14:00-15:10	<p>Regional Alliances and their future commitments to CSA actions: Linking Local to Global</p> <p><i>Opportunity for GACSA Members to highlight the work of their institutions at the regional level and discuss how GACSA can be more committed as a multi-stake holder platform (linking local to global). The discussions will be driven by two guiding questions. Participants can choose which of the 6 breakout rooms to join depending on their region (Africa, ASEAN region, Latin America and North America). Facilitators will present main contributions from each breakout room at the plenary, at the end of this session.</i></p>
15:10-16:20	<p>Action Groups Breakout Rooms Session</p> <p>Introduction by Ms Allison M. Chatrchyan, Mr Beau Barbe and Ms Maria Rosa Mosquera Losada.</p> <p><i>Action Groups discuss in 3 breakout rooms how each group will contribute through concrete actions to the three thematic areas:</i></p> <ul style="list-style-type: none"> • Room 1 – Knowledge Action Group: Resiliency & Climate Change • Room 2 – Investment Action Group: Innovation & Technology for Climate-Smart Agriculture • Room 3 – Enabling Environments Action Group: Sustainable Agriculture, Climate Change Adaptation and Mitigation in a Multi-Dimensional Food System <p><i>Action Group leaders will then present feedback and main discussion points from each breakout room in the plenary, with a view to carry forward the vision and momentum for GACSA.</i></p>
16:20-17:15	Wrap-Up of Day 1 by GACSA Co-Chairs.

GACSA Annual Forum 18-19 November 2021

DAY 2 (19 November 09:15-16:00 CET)

09:15-09:45	<p>Opening Session</p> <p><i>Welcoming Remarks and Feedback from Day 1 by GACSA Co-Chairs.</i></p>
09:45-10:30	<p>Debriefing COP26: Identifying future opportunities for CSA and how GACSA can capitalize them</p> <p><i>This session will present COP26 takeaways relevant to CSA and will trigger discussion to identify future opportunities for GACSA to connect with and promote CSA globally.</i></p> <p>Moderator: Mr Zitouni Ould-Dada, Deputy Director, Office of Climate Change, Biodiversity and Environment (OCB), FAO</p> <p>Speakers: Mr Abdul-Razak Saeed, Climate Lead, Rainforest Alliance and Mr Hans Sauter, Chief Sustainability Officer & SVP of R&D at Del Monte Fresh Produce</p>
10:30-11:30	<p>Positioning Youth in Agriculture</p> <p><i>This session aims strengthening interlinkage amongst youth groups, Regional Alliances and Action Groups, encouraging youth individuals to join AGs and RAs through their constituencies.</i></p> <p><i>Youth champions highlighting the importance of CSA in the fight against food loss and waste, and place an accent on innovative solutions countering the impacts of climate change in the food value chain.</i></p> <p>Moderator: Dr Rachel V. Brown, The Every Mikkle Foundation Co-founder and Executive Director</p> <p>Presenters: Mr Kazuki Kitaoka, World Food Forum, Ms Earlene Cruz, Kitchen Connection, Mr Neekhil Prasad, YOUNGO</p> <p>Supported by: Climate Smart Agriculture Youth Network (CSAYN) Global</p>
11:30-12:30	<p>Innovation Session</p> <p><i>An open discussion on how innovation and technology can be accessible, affordable, and implemented.</i></p> <p>Moderator: Ms Anna De Palma, Foreign, Commonwealth and Development Office, the Government of the United Kingdom</p> <p>Speakers: Mr Jeremy Adamson, Senior Political Advisor, The United States Department of Agriculture (USDA) and Mr Tabi Joda, Coordinator, One Billion Trees for Africa</p>
12:30-13:30	Break
13:30-15:00	<p>GACSA Governance & Strategic Plan finalization</p> <p><i>This session will include the new SC composition, financial matters, a presentation of the draft Strategic Plan for finalization and adoption, and the announcement of the incoming Co-Chair.</i></p>
15:00-16:00	<p>Results and next steps by GACSA Co-Chairs</p>

The Way Forward for Climate-Smart Agriculture: *Findings from the 5th Global Science Conference on CSA*




RESEARCH PROGRAM ON
**Climate Change,
Agriculture and
Food Security**



Dhanush Dinesh
Head of Partnerships and Outreach



- 
- A woman with dark hair, wearing a blue dress and a red patterned shawl, stands in a lush green field. She has a bindi on her forehead and a nose ring. The background shows rolling green hills and mountains under a clear sky. A semi-transparent green box is overlaid on the bottom half of the image, containing a list of three items.
1. Background
 2. Priorities for knowledge and innovation systems
 3. The way forward

Background

- The Global Science Conference on Climate-Smart Agriculture is a biennial event.
- Key global forum for scientific exchange underpinning climate-smart agriculture (CSA) implementation.
- In its 5th edition, the conference was held for the first time in Asia
- Overarching theme “Transforming food systems under a changing climate.”
- Co-hosted by Australia, Indonesia, Netherlands and CCAFS.
- 410 participants from research institutions, governments, private sector and civil society.
- Focus on action-oriented partnerships for a transformation in our food systems, under a changing climate.

Conference Framework





Contents lists available at [ScienceDirect](#)

Global Food Security

journal homepage: www.elsevier.com/locate/gfs



Enacting theories of change for food systems transformation under climate change

Dhanush Dinesh^{a,b,*}, Dries L.T. Hegger^b, Laurens Klerkx^{b,c}, Joost Vervoort^b,
Bruce M. Campbell^d, Peter P.J. Driessen^b

^a CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), Wageningen University and Research (WUR), Droevendaalsesteeg 3, 6700 PB, Wageningen, the Netherlands

^b Copernicus Institute of Sustainable Development, Utrecht University, Princetonlaan 5a, PO Box 80115, 3504 CB, Utrecht, the Netherlands

^c Knowledge, Technology and Innovation Group, Wageningen University, the Netherlands

^d CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS), International Center for Tropical Agriculture, Km 17, Recta Cali-Palmira CP, 763537, Cali, Colombia

ARTICLE INFO

Keywords:

Food security
Climate change
Food systems transformation
Science-policy interactions
Mission-oriented innovation systems
Sustainability transitions
Agricultural research for development

ABSTRACT

In the past few years, we have seen growing calls for a transformation in global food systems in response to multiple challenges, including climate change. Food systems are responsible for a third of global greenhouse gas emissions from human activity and agricultural yields are at risk due to climate change impacts. Although many proposals have been made, there are fewer insights on what these imply for knowledge and innovation systems. We seek to advance the literature on transforming food systems under a changing climate, by identifying concrete next steps for scientists and practitioners. We do this by adapting a theory of change proposed by Campbell et al. (2018). We used the adapted theory of change to design the 5th Global Science Conference on Climate-Smart Agriculture, which brought together different stakeholders within global food systems. Through conference sessions and a survey with 262 of the participants, we validate elements of the Campbell et al. framework, identify additional elements, and offer further nuance. The findings point at nine priority areas for a transformation in food systems under climate change: (1) Empowering farmer and consumer organizations, women and youth; (2) Digitally enabled climate-informed services; (3) Climate-resilient and low-emission practices and technologies; (4) Innovative finance to leverage public and private sector investments; (5) Reshaping supply chains, food retail, marketing and procurement; (6) Fostering enabling policies and institutions; (7) Knowledge transfer; (8) Addressing fragmentation in the knowledge and innovation systems; (9) Ensuring food security. We have identified three types of scholarly insights from innovation, transition and sustainability transformations studies that may inform the next steps: these relate to stimulating novelty across the priority areas, ensuring participation in knowledge production, and reconfiguring incumbent systems to enable implementation of the theory of change.

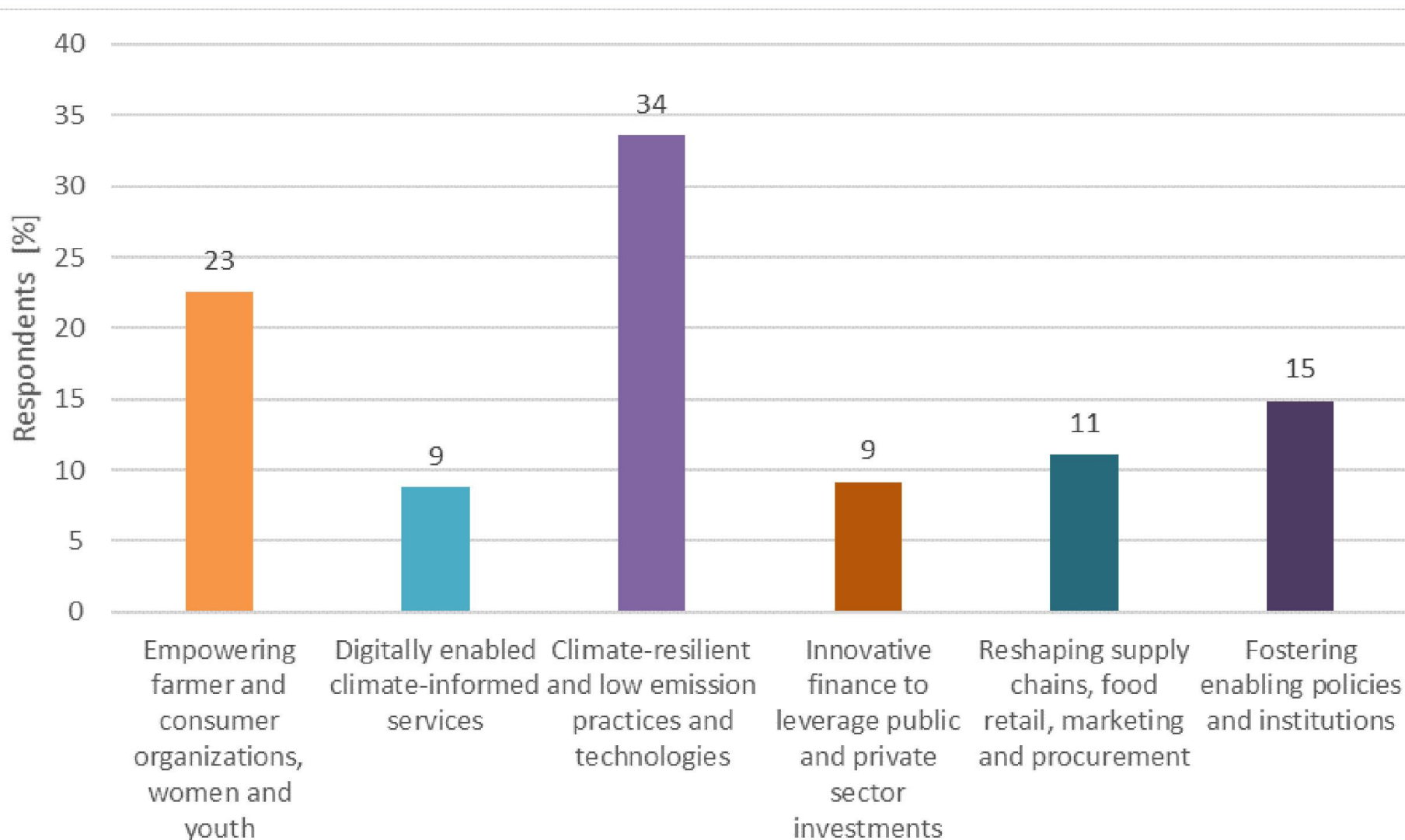
Read the full paper on:

<https://doi.org/10.1016/j.gfs.2021.100583>

Knowledge and innovation systems: key priorities



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security

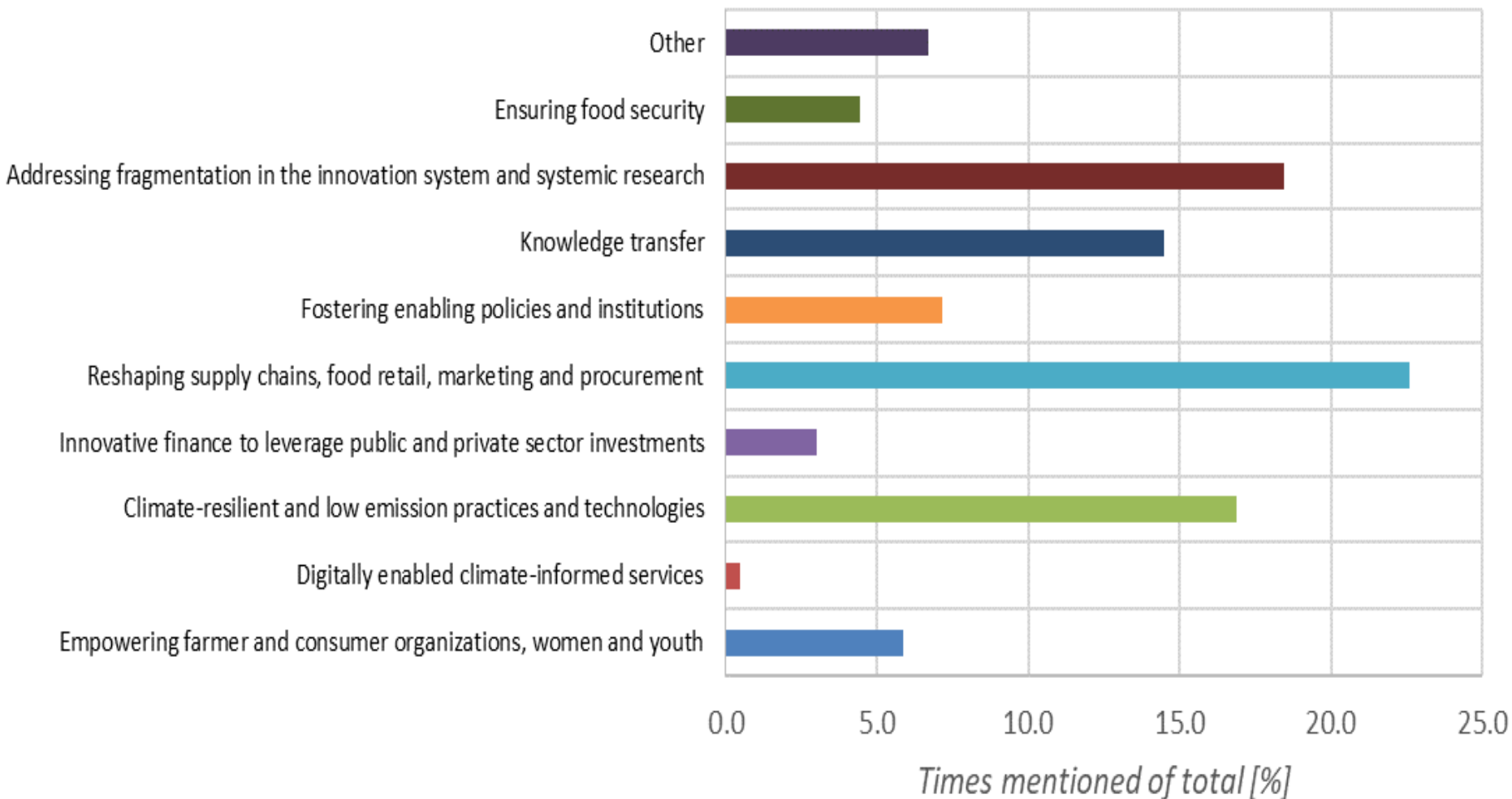


Source: Dinesh et al. 2021. Enacting theories of change for food systems transformation under climate change.

Knowledge and innovation systems: rethink priorities



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security



Source: Dinesh et al. 2021. Enacting theories of change for food systems transformation under climate change.

Way forward: What is the business unusual?



RESEARCH PROGRAM ON
Climate Change,
Agriculture and
Food Security



- Stimulate novelty across priority areas for transformation.
- Ensure participation in knowledge production.
- More emphasis on knowledge transfer and use.
- Reconfigure our knowledge and innovation systems.
 - Reorient and reform the old.
 - Develop the new.
 - Phase out parts of the system which are redundant.



BRIDGING SCIENCE AND POLICY
FOR CLIMATE AND FOOD

clim-eat.org

GACSA ACTION GROUPS

GACSA



GLOBAL ALLIANCE FOR
CLIMATE-SMART AGRICULTURE

Presentation & Breakout Groups ~ GACSA Annual Forum November 18, 2021

Allison Chatrchyan, Federica Matteoli, Rosa Mosquera-Losada, Robert Barbe

ACTION GROUPS



Knowledge



Investment



Enabling
Environment



Knowledge Action Group (KAG)

"... works to increase and promote knowledge, research, and development into technologies, practices, and policy approaches for CSA"



Cornell University.



Knowledge Action Group Achievements

KAG Co-Leads: Allison Chatrchyan (Cornell) and Carolyn Mutter (AgMIP/Columbia):

- Developed and conducted a Member Survey (https://www.fao.org/fileadmin/user_upload/gacs_a/GACSA_Survey_Report_FINAL.pdf)
- DRAFT Case study on **agroecology and CSA**
- DRAFT Climate-smart agriculture **youth curriculum**
- Facilitation Unit: organized webinars to share knowledge about CSA from members; sharing CSA
- Facilitation Unit: Knowledge sharing platform – LinkedIn Group

GACSA Member Survey



Overview:

- Decision to Conduct Survey GACSA Annual Forum - June 2019 in Bonn, Germany
- Developed Survey - Fall 2019 with Cornell Student Team #1
- Survey carried out between December 2019 to March 2020
- Grounded in the needs of farmers globally facing climate change
- Undertaken to offer GACSA members recommendations to address these needs
- Survey responses (165) from GACSA's global network
- Analysis and preparation of Survey Report - Spring to Fall 2020 with Cornell Student Team #2

GACSA 2020 Member Survey

Guiding Questions for Survey:

- What challenges do farmers face from climate change?
- What barriers limit farmers' adoption of Climate Smart Agriculture practices?
- What resources do farmers need to better implement Climate Smart Agriculture practices?
- What can the GACSA Action Groups and Regional Networks do to help address these barriers?

Survey Methods

Climate
Impacts &
Priorities



Farmer
Preparedness



GACSA
Participation

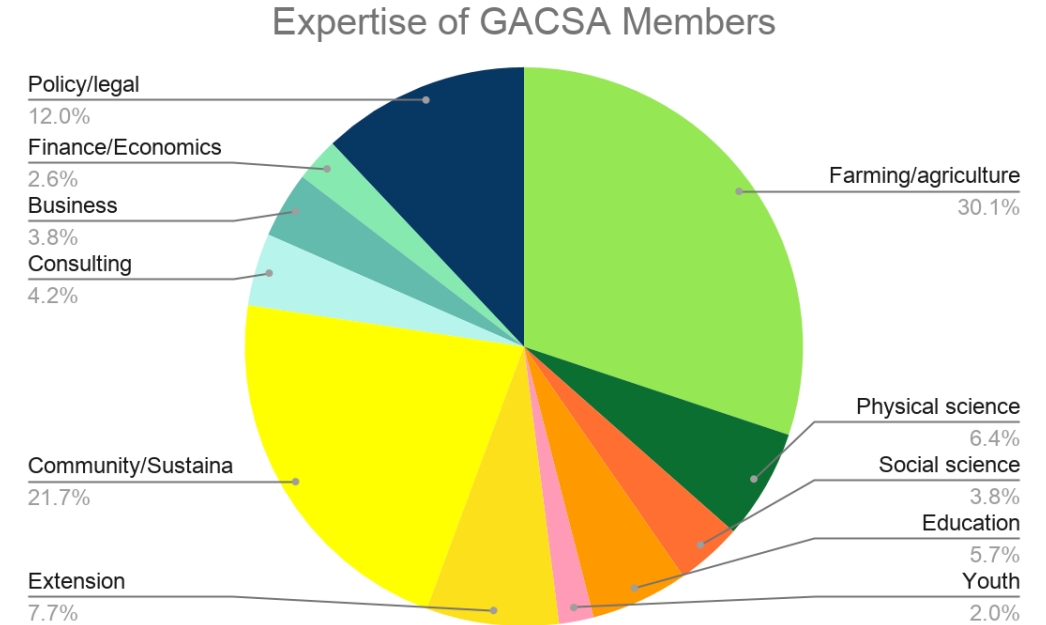
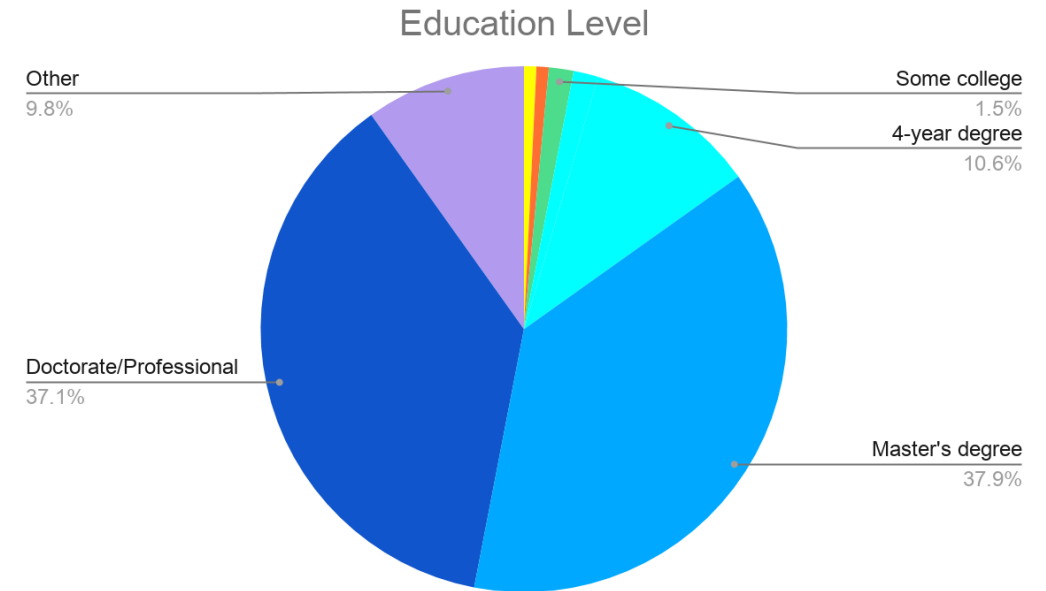
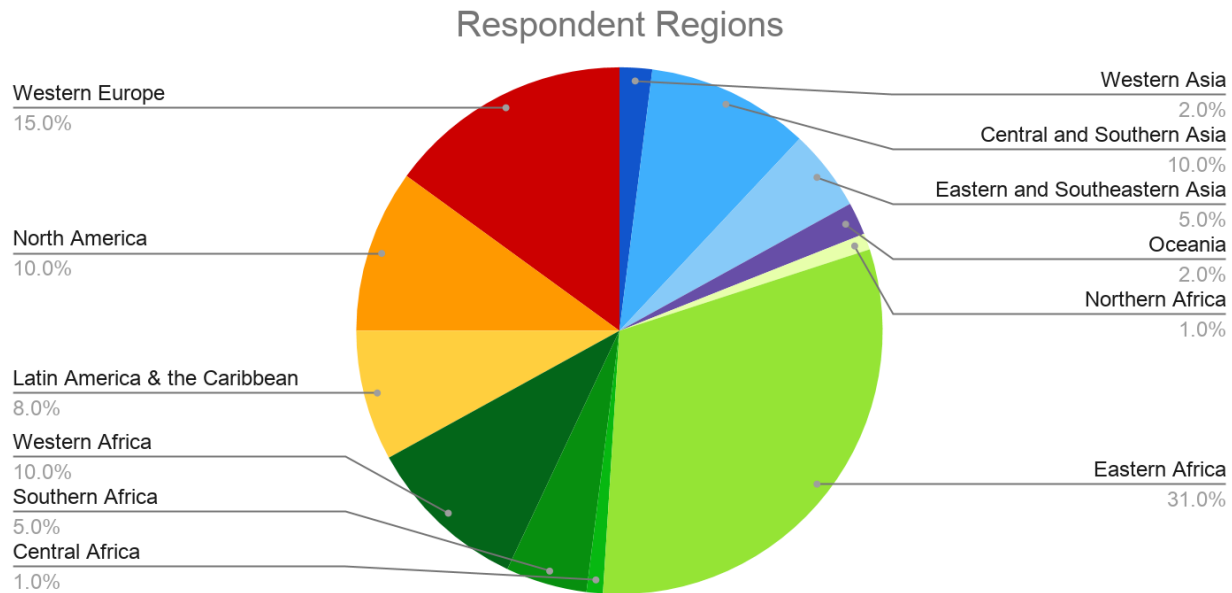


Demographics

- Qualtrics survey
 - Live 5 December 2019 - 25 March 2020
- Distributed via email, with monthly reminders
- Convenience sampling
 - Wide selection of participants
 - Reduce costs and save time
- Rank analysis methodology: top 3 or top 5 choices from list of options
 - Highest-ranked option assigned greatest number of points (3 or 5)
 - Lower-ranked options assigned descending numbers of points
 - Scores were tallied for each option and averaged

Participant Demographics

- 144 respondents
 - Only 30.5% are female
 - Most are 35-54 years old
 - Most are college educated with an advanced degree



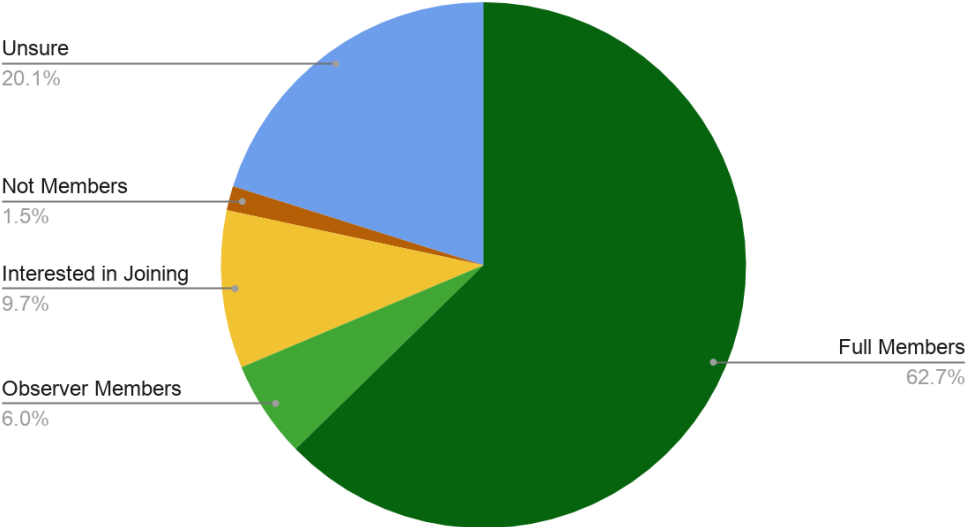
GACSA Affiliation

Participants were asked if they work for an agency/org that is a member of GACSA; if not, if their agency/org would be interested in joining.

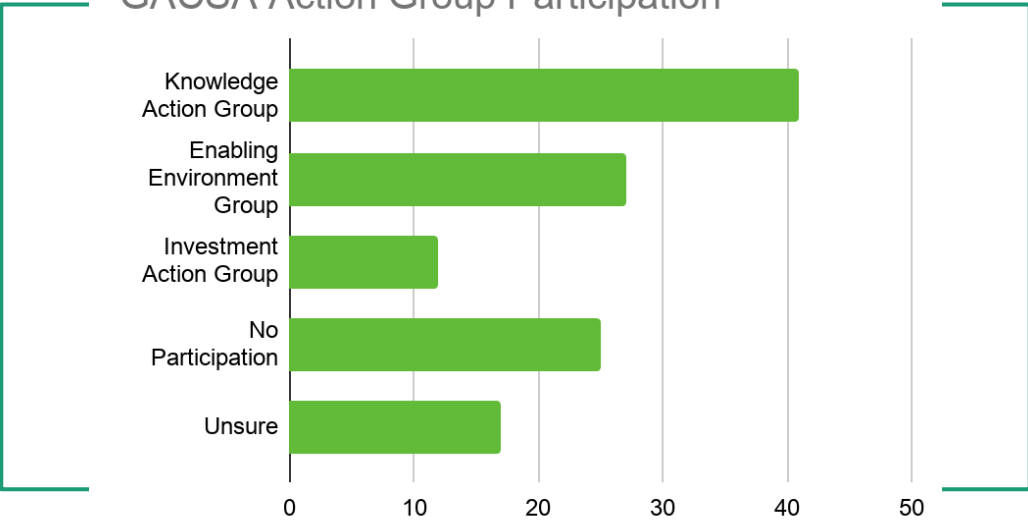
Of 133 respondents:

- 62% were full members
 - 41 KAG
 - 27 EEG
 - 12 IAG
- 6% were observer members
- 11% were not members
- 86% were interested in joining
- 20% were unsure of membership status

GACSA Membership



GACSA Action Group Participation



Knowledge Action Group: Needs

Needs Identified from the GACSA Member Survey:

- Ensure access to knowledge of a multitude of CSA strategies
- Strengthen regional data sharing on pest, diseases, weed pressure and management
- Enhance social media presence
- Develop climate and weather services/tools
- Develop/promote extension services – increase financial and political support, resource centers, ICTs
- Broaden knowledge-base and engagement in CSA
- Focus on gender
- Increase youth engagement – especially to gain access to climate and weather services



Enabling Environment Action Group (EEAG)

"...works to identify the technical, policy and investment conditions needed to scale up Climate-Smart Agriculture (CSA)"



Enabling Environment Action Group: Achievements

EEAG Co-Leads: Rosa Mosquera-Losada (USC) and Wiebe Smit (CGIAR)



SIX CLIMATE SECURITY
WEBINARS SERIES



TWO LIVE DISCUSSIONS

Enabling Environment Action Group: Needs

Needs Identified from the GACSA Member Survey:

- Initiate discussions with member governments and their CSA agenda
- Develop CSA case studies to help countries to implement NDCs under the Paris Agreement
- Tackling policies to increase funding for farmers
- Policies to Build CSA capacity

Investment Action Group (IAG)

"...improving the effectiveness of public and private investments that support the three pillars of climate-smart agriculture"



Investment Action Group: Achievements

CFS High-Level Special Event (co-conveners CSIRO and WBCSD participated as panelists)

Hosted a live discussion webinar to discuss with the IAG's members priorities and opportunities for this group

Investment Action Group Needs

Needs Identified from the Members Survey:

- Increase literacy of GACSA members so that they can access financing for CSA projects (with Knowledge AG);
- Matchmaking: facilitate public/private partnerships to fund CSA (connecting, capacity building, sharing best practices)
- Increase coherence between lending requirements and CSA practices
- Enhance national funding initiatives for CSA (with Enabling Environment AG)

GACSA Draft Strategic Plan 2022-2032

Strategic Plan General Themes:

- Ensuring the central role of farmers in CSA as a guiding principle for GACSA's work
- Addressing global challenges through strategic opportunities as a guiding principle for GACSA's work
- Strengthening strategic partnerships to expand GACSA's mission

Knowledge
Action Group
Activities from the
Strategic Plan

Strategic Plan Theme: Resiliency and climate change adaptation

What activities can KAG members do to support this theme?:

- Open a CSA knowledge portal for farmers and practitioners to exchange knowledge on CSA crops, innovations, policies
- Launch a GACSA Academy aimed at training young farmers to address capacity development needs; and
- Strengthen partnerships with research institutions, universities, private sector and farmer organizations to promote research and community outreach programs
- Pilot best practices for CSA adapted to local circumstances

Enabling Environment Action Group Ideas from the Strategic Plan

Strategic Plan Theme:

Sustainable agriculture, climate change adaptation and mitigation in a multi-dimensional food system

What activities can EEAG members do to support this theme?

- Assess gaps in multi-level policies
- Focus its activities on the SDGs, NDCs and other relevant frameworks to leverage CSA as a tool towards achieving national policy strategies.
- Identify events, capacity building opportunities and potential publications and projects related to the policy frameworks most relevant to the country/countries they work in.
- Convene food system actors to promote CSA innovations
- Facilitate dialogues to reflect on the need for coherent and comprehensive approaches for developing sustainable food production

Investment Action Group Ideas from the Strategic Plan

Strategic Plan Thematic Activities

Innovation and new technologies for climate-smart agriculture.

What activities can IAG members do to support this theme?

- Support farmers to access finance, affordable innovations, microcredits by providing innovative and supportive matchmaking platforms to shape sustainable food systems at the global level
- Address gaps in knowledge and technology, and investments needed to support uptake and adoption of CSA practices and technologies.
- Reorient investment to focus once again on farmers, their value chains and business environment, their potential, capacities and results.

Recommendations for all Action Groups

Action Groups are the backbone of GACSA's work:

- Better coordination for all GACSA members and prioritization of activities
- Review and Revise Structure of Action Groups: clarify mandates
- Voluntary Nature of AG Co-Leads: need support for time
- Operational support at the Facilitation Unit to support the Action Group Co-Leads: organizing meetings, supporting AG communication
- Funds for Action Groups for projects/publications/meetings/events
- Seed money for Special Topics (innovation/transformation, farmer-centric approaches)
- Set up an application for Member Orgs to apply to be Leaders of AGs



Thank you!

And Now for
Brainstorming on
the work of
Action Groups in
Breakout Rooms

Group A: Knowledge Action Group Breakout

SHORT | 6 months



MEDIUM | 2 years (2023)



LONG | 5 years (2026)

WELCOME to your Group A Jamboard on
Knowledge Action

Allison and Federica are your facilitators.

Start in your small group breakout with Jamboard "Frame" 2.

To get there, click on the 'Next Frame' arrow (>) or
'Expand Frame Bar' button at the top of the screen.

We'll come back to this "Frame 1" later with everyone in Group A.

FIRST STEP: settle in to your Group Breakout by going through a 'Round Robin' of introductions

Introductions: Name, Organization, & Country
10 Seconds Each



Individually Brainstorm: What is your organization doing or could do to address a need for Knowledge Action identified in the Survey or Strategic Plan?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard Below

STEP 3: TOGETHER with the group group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Question 1

collect what communities are already doing and amplify

Work with FAO regional Offices, Interactive Platform

Organize workshop to collect needs, activities and ideas on knowledge

Collect what farmers are doing at the field level, to work with them to brainstorm what they are doing

long term research to demonstrate that CSA is beneficial

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP



GACSA to partner with local universities in promoting research base for best CSA approaches, agroecology and developing of improved seed varieties / germplasms that can withstand drought, saline, alkaline conditions.

Develop knowledge products on successful interventions for sharing to upscale CSA

conduct community vulnerability assessment

Mainstream sustainability issues of agricultural plastics throughout GACSA knowledge tools

smallholder farmers collaborate with extension workers to build the capacity of the women farmers to adapt to climate change - advising farmers on resilient seeds and seedlings and shift in the planting season and integration of

Reduce agrochemicals used in agriculture as low as possible.

Focus on the workflow and the connection between these ideas

CSA Extension in NYS, that is working with farmers, could share information

Ensure Carbon Market Benefits Farmers

Strengthen Extension to Share Research

Somalia, help small farmers, with drought/crop losses, farmer to farmer information sharing

Identify climate risk analysis for the agriculture sector and adaptation measures - working on carbon asset in the agriculture sectors such as reducing methane emission from agriculture sector, soil carbon and biochar.

Organize online and physical workshops for local stakeholders on CSA

More studies on agricultural plastic management in relation to climate smart agriculture

Provide Databanks Design for a knowledge Base

Promote spaces to share LOCAL and scientific knowledge related to agroclimatic issues

generate inputs that reflect the situation of the country's resources and the situation of the different production systems (drought maps, potential carbon sequestration in soils, soil erosion, etc.)

STEP 1: Individual Organizations - Consider How can the Knowledge Action Group contribute to the area of Resiliency and Climate Change Adaptation?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard

STEP 3: TOGETHER in your small group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Question 2

Set up a network with universities/research centers to develop scientific research on CSA

Members organize Talanoa Dialogue about CSA at the local level with GACSA with the regions, Collect what farmers are doing at the field level, to work with them to brainstorm CSA Strategies

FAO Studies - GACSA member contributions on agricultural plastic management in relation to CSA and burning of plastics/waste

Strengthen the CSA/agroecological capacities of the extension service

Organize regular zoom webinars to share info on CSA practices

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

Members: Collect what farmers are doing at the field level, to work with them to brainstorm CSA Strategies

Work with FAO to create platform to collect ideas and create new strategies

Spread/Translate "Knowledge Products" with Members and Regional Alliances

Share information about alternatives to the use of agro-inputs very toxic to the environment (for example, glyphosate)

STEP 1: Individual Organizations - Consider How can the Knowledge Action Group integrate this work with the Regional Alliances?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard

STEP 3: TOGETHER in your small group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Question 3

Need the Regional Alliances to reach out to all GACSA members and invite them to participate - CONNECT

Involve RAs in all AG activities

Share Success Stories

Strengthen partnerships with private sector

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

Working closely with RAs

Strengthen Partnerships with Private Sector in Regions!

Not good too much groups

Mexico is connected with PLACA

SHORT | 6 months



MEDIUM | 2 years (2023)



LONG | 5 years (2026)



WELCOME to your Group B Jamboard on Investment Action for Climate-Smart Agriculture

Beau and Simon are your facilitators.

Start in your small group breakout with Jamboard "Frame" 2.

To get there, click on the 'Next Frame' arrow (>) or 'Expand Frame Bar' button at the top of the screen.

We'll come back to this "Frame 1" later with everyone in Group B.

FIRST STEP: settle in to your Group Breakout by going through a 'Round Robin' of introductions

*Introductions: Name, organization, & country
10 Seconds Each*



STEP 1: Individually, What is your organization doing or could do to address a need Identified from the Survey for Investment Action?

Question 1

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard Below

STEP 3: TOGETHER with the group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Post Your Action Ideas on Sticky Notes BELOW Move Your Group's 3-5 Priority Action Items to the TOP

Canada - interested in seeing how carbon markets can help transition farmers to more sustainable option

GACSA could develop more live discussions between Action Groups and Regional Alliances groups

AlphaSource Climate Fund - Investing in carbon sequestering technologies, forest protection (REDD+), etc.

Aligning and supporting the national government action plan/priorities/needs on matters related to food security, resilience and peacebuilding...

Build illiterate friendly technology - automation User Interphase / experience ; align corporations into this portal

Action Idea

WBCSD is reporting on how digital tools can support small holderfarmers

knowledge portal for farmers (in the north) ; for Africa/small island states - need in person capacity building from trusted advisors; farmer exchange programs (Seeing is Believing!)

Discuss and implement public policy to invest and promote the acceptance of CSA practices and provide financing to get farmers to invest in equipment that will allow use.

Canada - Curious to see how institutional investors can be brought in to support triple bottom line benefits from CSA

national governments alignment to CSA priorities

Action Idea

STEP 1: Individual Organizations - Consider How can the Investment Action Group contribute to Innovation and Technologies for Climate-Smart Agriculture?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard

STEP 3: TOGETHER in your small group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Question 2

Build a private sector strategy - bring corporates to discuss farmer-centric solutions

Create more opportunities/ roundtables with Private Sector - regional focus

Need a GACSA action group leader take ownership to drive the work / prioritize work plan

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

because a farmer is just a recipient of the researcher products in terms of implementation for us to have a useful strategy. Research/Universities - need more connecting points with farmers across

Lets de-silo the farmer daily story (across regions and commodities) so the technology providers/corporates can understand their pain points.

relate our strategy to SDGs for the long run; what can attract donors, government and private sector considerations

Create more policy dialogues with governments to implement new technologies

harmonize and make the movement of indigenous seeds that can be resistant and resilient to climate change

Let's pick two actionable "low hanging fruit" that have significant impact

Question 3

Bring the Regional Alliances to the Investment Action group discussions

STEP 1: Individual Organizations - Consider How can the Investment Action Group integrate this work with the Regional Alliances?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard

STEP 3: TOGETHER in your small group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

Action Idea

Action Idea

Action Idea

Group C: Enabling Environment Action Group Breakout

SHORT | 6 months



MEDIUM | 2 years (2023)



LONG | 5 years (2026)

WELCOME to your Group C Jamboard on
Knowledge Action

Rosa Mosquera-Losada and Nuria Ferreiro Dominguez are your facilitators

Start in your small group breakout with Jamboard "Frame" 2.

To get there, click on the 'Next Frame' arrow (>) or
'Expand Frame Bar' button at the top of the screen.

We'll come back to this "Frame 1" later with everyone in Group C.

FIRST STEP: settle in to your Group Breakout by going through a 'Round Robin' of introductions

Introductions: Name, Organization, & Country
10 Seconds Each



Individually Brainstorm: What is your organization doing or could do to address a need for Improving the Enabling Environment for CSA as identified in the Survey or Strategic Plan?

Question 1

What is your organization doing or could do to address a need for improving the Enabling Environment for CSA as identified in the Member Survey or Strategic Plan?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard Below

STEP 3: TOGETHER with the group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

Mainstream issues of circularity and sustainability agricultural plastics throughout GASCA strategies

Identify policies and link to bio-economy

networking: identify key focal point & funding instruments

To support CSA interventions in developing countries that focus on gender equality and women empowerment

STEP 1: Individual Organizations - Consider How can the Enabling Environment Action Group contribute to Sustainable Agriculture, Climate Change Adaptation and Mitigation in a Multi-Dimensional Food System?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard

STEP 3: TOGETHER in your small group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Question 2

How can the Enabling Environment Action Group contribute to sustainable agriculture, climate change adaptation and mitigation in a multi-dimensional food system?

Implement sustainable soil management practices to mitigate climate change

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

Develop knowledge tools for life cycle assessments of agricultural plastics and their alternatives

Analysis of business environment where sust. practices are promoted wrt technology, innovation, knowledge transfer, funding

mapping out best practices (businesses) to create direct links between communities/organizations and companies

STEP 1: Individual Organizations - Consider How can the Enabling Environment Action Group integrate this work with the Regional Alliances?

STEP 2: WRITE YOUR ACTION ITEM IDEAS on sticky notes (one action per note) and post to Jamboard

STEP 3: TOGETHER in your small group, SELECT 3-5 PRIORITIES and move these to the TOP of the page.

Question 3

How can the EE action group integrate this work with the regional alliances?

Post Your Action Ideas on Sticky Notes BELOW

Move Your Group's 3-5 Priority Action Items to the TOP

RA can provide challenges found in the different countries in implementing CSA

Capacity building for farmers and small grant funding access for farmers to access to implement CSA best practices

RA can provide best practices

Share best practices

RA can provide baselines in CSA indicators

We should adapt to the regional situation VS. a formula "adaptable" to anyone/all

Review and evaluate practices in each RA to identify best CSA practices to share globally

RA should then strengthen partnerships with intl and local NGOs to support collection of data

Annexes to the Co-Chairs' Summary Report
GACSA Annual Forum 2021
18-19 November 2021

List of Attendees

	GACSA Member Organization	Representatives
1.	ACOT	Emmanuel Mwampishi
2.	Agreena	Erica Johnson
3.	Agricultura Regeneratio	Daniel Bärtschi
4.	Agriquest Africa Network	Abiodun Kolade Olaniyi
5.	Agro-Eco	Everson Ndlovu
		Kalipha Jammeh
6.	Alliance pour l'Agroécologie en Afrique de l'Ouest	Karim Sawadogo
7.	AlphaSource Climate Fund	Noelle-Claire LeCann
8.	ANSAF - AGRICULTURAL NON STATE ACTORS FORUM	Audax Rukonge
9.	ASEAN CRN	Imelda Bacudo
10.		Margaret C Yoovatana
11.	Asia BioBusiness Pte. Ltd.	Andrew Powell
12.	Australia	Lynda Hayden
		Ruth Mallett
13.	Biosaline	Seta Tutundjian
14.	Camfed	Sarah Marriott
15.	Canada	Maarten de Groot
16.	Carbon Farm	Vassily Carantino
17.	CFS	Chris Hegadorn
18.	CGIAR	Dhanush Dinesh
19.		Evian Dan-Aighewi
20.	Core CarbonX Sols Pvt Ltd	Niroj Mohanty
21.	Cornell University	Allison Chatrchyan
22.	Costa Rica	Roberto Azofeifa
23.	CSAYN - Venezuela	Saúl López
24.	DION (Small Island Developing States)	Hemsing Hurrinag
25.	EcoAgriculture Partners	Lisa Markslag
26.	ECOWAS	Emmanuelle Maillot
		Johnson Boanuh
		Peirre Haas
		Esso Sam Agrignan
27.	EDF	Richie Ahuja
28.	EEAG Co-Leader	Maria Rosa Mosquera Losada
29.	Espiga Exports SL	Miguel Angel Narvaez Flores

30.	Etam Greece	Manolis Tsantakis
31.	Expertise France	Fabris Compaore
32.	FANRPAN	Francis Hale
		Justice Zvaita
		Sithembile Mwamakamba
33.	FAO	Anastasia Tikhonova
		Kalpana Chaudhari
		Edward Bogart
		Federica Matteoli
		Germana Borsetta
		Ghaieth Ben Hamouda
		Giulia Carcasci
		Patrizia Fracassi
		Raffaele D'Annolfo
		Camila Reinhardt Hurtado
		Richard Thompson
		Stefania Di Giuseppe
		Yara Hazzory
		Zitouni Ould-Dada
Sigfrido Romeo		
34.	Fresh del Monte Produce	Maeve Anderson
		Hans Sauter
35.	FutureSeeds Zambia Limited	Elly Siakasasa
36.	GAC	Luis Barnola
37.	Global CSA Youth Network	Achale Marvis
		Achinko Egoh
		Aziawung Angelus
		Divine Ntiokam
		Dunja Trifunovic
		Eily François Fossi Mopeou
		Lydia Lagat
		Mahamat Saleh Moussa
		Mary Igbinnosa
		Mishi Limo
		Mukhtar Hassan
		Nina Nanje
		Ntalah Rachael Mashang
		Patrick Onen
		Roselilly Ushewokunze
		Sepo Marongwe
		Agatha Chapeyema
Teboh George		
Vincent Teogalo		
Gilbert Wabunoha		
Gabriel Sitezeu Townen		

		Raymond Mugandani
38.	Global Affairs Canada	Nikita Eriksen-Hamel
39.	GLOBALG.A.P.	Juan Carlos Isaza
40.	Green Impact Trust	Desire Nemashakwe
41.	Grow a tree foundation	Shyline Manyanga
42.	HIRE Consult	John Aggrey
43.	ICENECDEV	Fongoh Eric
44.	IFAD	Maurizio Navarra
		Salome Tricot
45.	Ireland	Dale Crammond
46.	Japan	Ryudai Oshima
		Satoshi Nakano
		Seiko Uchida
47.	Kairak Vudal Resource Training Centre, Papua New Guinea University of Natural Resources & Environment	Simon Nakaiban
48.	Kitchen Connection	Earlene Cruz
49.	KOTHOWAIN (Vulnerable Peoples Development Organization)	Gabriel Tripura
50.	Kwale Recycling center	Mwajumbe Nassoro
51.	Les Femmes et Enfants	Nala Müller
52.	LUISS University	Marta Pace
		Lorenzo Marino
		Taymour Elmasry
		Tommaso Borzacchini
		Vittoria Bellia
		Francesca De Marco
53.	Malawi	Gertrude Kambauwa
54.	Mercy Corps	Mauricio Pereira Neves Pretto
55.	Mexico	Juan Bernardo Orozco
		Veronica Bunge Vivier
		Verónica Reynoso
		Israel Lorenzo Felipe
56.	NAMYCONSULT	Nathaniel Mtunji
57.	National Agricultural Research Institute (NARI)	Ousman M. Jarju
58.	National Research Centre, Egypt	Zakaria Abdalla
59.	NCCSD	Kirit Shelat
60.	NextGen Tek Consulting	Harry Hunter
61.	Nigerian Women Agro Allied Farmers Association	Lizzy Igbine
62.	One Billion Trees Africa	Tabi Joda
63.	PLACA	Abigail Alvarado
64.	Prins, Land, Water Consult	Peter Prins
65.	Rainforest Alliance	Abdul-Razak Saeed
66.	RTI International	Robert Beach

67.	Seedworks	Parika Mahajan
		Pravin Shelar
68.	SHODH	Rajeev Pandey
69.	Soil Eco	Violeta Gevorkjan
70.	Solutions from the Land	Fred Yoder
71.	Switzerland	Laura Sommer
72.	TCSAA	Shakwaanande Natai
73.	Tenvelo	Ireen Gambi
74.	Thailand	Wanaporn Wongnikong
75.	The Netherlands	Lucas du Pré
		Marcel van Nijnatten
76.	The Salt Doctors	Bas Bruning
77.	TIMAC AGRO ITALIA S.P.A.	Daniel El Chami
78.	TOP Greenhouses	Shay Lhermann
79.	UEMOA	Seyni Hamadou
80.	UGB-MSDI (Sénégal)	Seny Faye
81.	United Kingdom	Anna De Palma
82.	UNDP	Sangay Chopel
83.	UNESCO	Valasia Iakovoglou
84.	Universidad Compostela de Santiago	Nuria Ferreiro-Domínguez
85.	University of Tehran/ and Sustainable agriculture and environment	Ahmad Mahdavi
86.	University of Zimbabwe	Never Mujere
87.	Urbinati Srl	Davide Barotti
88.	United States	Hope Bigda-Peyton
		Jeremy Adamson
89.	Viet Nam	Thu Hien Dao
90.	Visionaries International	Nomuhle Nyoni
91.	WBCSD	Beau Barbe
92.	WFP	Lameece Gasser
		Omar Kabber
93.	WIGE CO LTD	Egide Nkurunziza
94.	World Farmers Organization	Giovanna Amelio
		Luisa Volpe
95.	World Food Forum	Rachel V. Brown
		Kazuki Kitaoka
96.	WUR	Mirjam Troost
97.	YOUNGO	Domenico Vito
		Jesca Muzamhindo
		Neekhil Prasad
98.	Youth Transformative Forum Network	Emmanuel Mwanga
99.	Zander Agro LLC	Ruslan Lavrinenko
100.	Zimbabwe Farmers Union	Esther Nyaradzo Masvaya
		Paul Zakariya

GACSA Co-Chairs	Hans Hoogeveen
	Lindiwe Majele Sibanda

GACSA Facilitation Unit	Christiane Kessl
	Jana Stankova
	Marilique Nijmeijer
	Nadine van Dijk
	Simon Leiva
	Valentina Carlino