# GCARD3 GLOBAL EVENT

### **TUESDAY 5TH APRIL**

08:30-17:00	GFAR Partner Assembly
	GCARD3 Official Opening
17:00-17:30	Mix and Mingle - Birchwood Hotel court yard
18:30-18:35	Introduction from Dr. Shadrack Moephuli, President and CEO, Agricultural Research Centre, the Opening Ceremony MC (5')
18:35-18:40	Dance performance (5')
18:40-18:55	Welcome to South Africa from Mr. Senzeni Zokwana, Minister of Agriculture, Forestry and Fisheries, South Africa (15')
18:55-19:00	Welcome to the GCARD3 delegates from <u>Juan Lucas Restrepo</u> (Chair of the GFAR Steering Committee)and <u>Martin Kropff</u> (Director General, International Maize and Wheat Improvement Center (CIMMYT)) (5')
19:00-19:15	Key Note Address by Dr. Ibrahim Mayaki, Chief Executive Officer, NEPAD Agency (15')
19:15-19:30	Key Note Address by Dr. Lindiwe Majele Sibanda, Chief Executive FANRPAN (15')
19:30-19:35	Wrap up and invitation to join the ARC Reception (5')
	19:00-21:00 RECEPTION AND ENTERTAINMENT - HOSTED BY AGRICULTURAL RESEARCH COUNCIL SOUTH AFRICA - SERENGETI LAPA

### **WEDNESDAY 6TH APRIL 2016**

08:30-9:30 9:30-10:30	Plenary Session - OR Tambo:  Welcome and Program Introduction  Report on commitments from GCARD1 and GCARD2, Mark Holderness, GFAR  Reporting from the GCARD3 engagement processes, moderated by Kwesi Atta-Krah, CGIAR  2 Keynote speeches:  Strategic inclusion of youth in national, regional and global agricultural systems, Jim Cano, YPARD  Experience as a young, emerging, black, female farmer in the transforming agricultural economy in South Africa, Dimakatso  Sekhoto (Nono), Makolobane Farmers Enterprises					
	10:45-11:15 COFFEE BREAK AND NETWORKING					
	THEME 1 Scaling UP- From Research to impact	THEME 2 SHOWCASING RESULTS AND DEMONSTRATING IMPACT	THEME 3 KEEPING SCIENCE RELEVANT AND FUTURE-FOCUSED	THEME 4 SUSTAINING THE BUSINESS OF FARMING	THEME 5 ENSURING BETTER RURAL FUTURES	
11:30-12:30	Chairs: <u>Patrick Caron,</u> CIRAD Co-chairs: Judith Francis, CTA/EFARD	Chairs: <u>Thomas Price,</u> GFAR Co-chairs: <u>Dhanush Dinesh</u> , CCAFS	Chairs: Aissetou Yaye, ANAFE Co-chairs: Wayne Powell, CGIAR CO; Shoba Sivasankar, DCL-AFS	Chairs:  Jethro Greene, CAFAN Co-chairs: Salima Marzouki, Tunisian Farmer Association; Wale Adekunle, President's Office, State House Gambia	Chairs:  Iman El-Kaffass, International Independent Consultant, HR and Capacity Development Co-chairs: Courtney Paisley, YPARD	











# GCARD3 GLOBAL EVENT

	What Priorities, Targets and Impact? Shaping Global by Strengthening the Link between Regional, National and Local and How to Get There?	The challenge: Agricultural research contributing to achieve the SDGs	Challenges and Perspectives for keeping Science relevant and future focused	Clustering and grouping of farmers for economies of scale	Setting the scene: Plenary on grass-root needs and aspirations for better rural futures		
	Agriculture for food security: Translating science into policy and development – Ulf Magnusson, Swedish University of Agricultural Sciences West Africa agricultural productivity programme - Aboubakar Njoya, CORAF/ WECARD Partnering for impact: All Malawian farmers access new orange-fleshed sweet potato varieties, Tom Remington, CIP Soils for food security and climate change: The 4 per mille initiative – Hervé Saint Macary, CIRAD	Assessing investments at national and regional level agricultural research systems and their impacts - Nienke.  Beintema, ASTI Funding Demand Driven Research & Innovation Partnerships - Rémi Kahane. and Jonas Mugabe, PAEPARD Making ecosystem services count in achieving the SDGs - Ehsan Dulloo, Bioversity What does the SDGs mean for agricultural research in Asia and the Pacific - Raghunath Ghodake, APAARI A paradigm shift towards diversified agroecological systems - Emile Frison, IPES-Food	An Integrated CGIAR: Innovations in Science, Technology, Development and the SDGs – Marianne. Banziger, CIMMYT An African Agrarian philosophy and the Sustainable Development Goals - Raymond Erick Zvavanyange, YPARD Prioritizing research for development impact - Eike Luedeling, World Agroforestry Centre	New methodology in clustering farmers - Jethro Greene, Caribbean Farmers Network Innovation Platforms - Wole Fatunbi, FARA Leader of Farmers Organization	Putting farmers first: Empowerment through foresight - Farmer Organizations - Elizabeth Atangana - PROPAC (TBC); Territorial foresight for rural development: Mamy Soumaré, IER Strengthening foresight capacity to achieve rural development - collective actions by Regional Fora: Robin Bourgeois, GFAR No one left behind: Youth planning rural futures – Jim Cano, YPARD A shared vision of the future: Mediterranean rural communities in collective action - Charles E. Nothomb, Foundation of South North Mediterranean Dialogue Balancing specialization and diversification to sustainably transform rural livelihoods, Jojo Baidu-Forson, Bioversity		
		12:30-13:30 <b>LUNC</b> H	I AND NETWORKING - REST	TURANT OR TAMBO			
13:45-14:45	Learning from local initiatives successes and failures	Round table discussions on the challenges	Panel Discussion on Challenges and Perspectives for Keeping Science relevant and future focused	Linking farmers to transparent, sustainable, and profitable inputs and output markets	Framing the objectives: Round tables towards collective action		
	Building local sorghum biomass production and valorization chains in Southern France: The Interactive Innovation Model – Sophia Alami, CIRAD Unlocking the potential of wheat for food security in Sub-Saharan Africa – Solomon Assefa, ICARDA CGIAR capacity development framework - From local to global: Increased capacity for achieving impact at scale – Nicole Lefore, IWMI	Round table groups formulate proposals for at least one commitment to collective action on measuring impact in the context of the SDGs, to incorporate in the GCARD3 Pledge.	Panellists: Moses Osiru, RUFORUM; Jeremy Bird, IWMI; Ian Maw, APLU; MC. Varshneya, Indian Agricultural Universities Association; John Kennelly, University of Alberta' GCHERA <u>Didier Pilot</u> , AGRINATURA	Ensuring linkages across the value chain to enable sustainable business models, using the PABRA network and innovation platforms as an example – Robin Buruchara, CIAT Capacity Building of Seed Companies in Sub-Saharan Africa for Improved Uptake of high Yielding Seed Crop Varieties - Agnes W. Mwang ombe, Florence M. Olubayo, Daniel O. Wasonga; University of Nairobi Leader of Farmers Organization	Round tables facilitated by the following catalysts: Esther Penunia, AFA; Sonali Bisht, INHERE; Fernando Lopez, COPROFAM Elizabeth Atangana, PROPAC Mohammad Ajlouni, AARINENA Botir Dosov, CACAARI Nelson Ojijo, FARA Maria Gardoni, Coldiretti/ YPARD Europe Jim Cano, YPARD Asia Mamy Soumaré, IER Charles F. Nothomb, Federation of South North Mediterranean Dialogue		
15:00-16:00	Learning from macro/ global level initiatives designed to provide an enabling environment	Methods and tools: Lessons learned in measuring agricultural innovation and its impacts	Strategies and Solutions for keeping science future focused	Creating enabling policy environment and ensuring adequate feedback to policy makers	Milestones, outputs and outcomes: Continued roundtables towards collective action		
	Scaling up climate solutions: Achieving impact at scale and within particular locations / context – Bruce Campbell, CCAFS Growing prosperity: Developing repeatable models, Noor Ullah, Acumen Research impact evaluation through participatory methods: First lessons from CIRAD experience, Etienne Hainzelin, CIRAD	Prolinnova 10 Years Stocktaking on promoting innovation at local level - Laurens van Veldhuizen, KIT 10 years of YPARD: What impact can we measure from an agricultural youth network? - Marina Cherbonnier, YPARD Women In Agricultural Research: Transforming the Gendered Landscape - Wanjiru Kamau-Rutenberg, AWARD Food security, irrigation and the SDGs - Chris Dickens, IWMI	Gender and Foresight for Agricultural Research and Innovation in Development – Jennie Dey de Pryck, GFAR Foresight modelling to inform decision making for agricultural development and food security – Keith Wiebe, IFPRI Virtual Labs – John Kenelly, University of Alberta/GCHERA Science, food, and society: Charting out the future role of science policy in developing-country agriculture – David. Spielman, IFPRI	Creating enabling policy environment and ensuring adequate feedback to policy makers - <u>Karen Brooks</u> , IFPRI Leader of Farmers Organization	Round tables facilitated by the above catalysts on their respective topics		
	16:00-16:30 COFFEE BREAK AND NETWORKING - VARIOUS CENTRES						



16:45-18:00	Working Group session 1	Round table discussions	Round table discussions	Broadening access to sustainable agricultural lending and insurance	Partnerships and resources : Continued roundtables towards collective action	
	Round table discussions: Lessons learned for achieving impact at scale and recommendations to arrive at time bound commitments over 1-3 years	Round table groups formulate proposals on AR4D tools and resources to support measurement processes, to incorporate in the GCARD3 Pledge	Defining Collective actions for Keeping science relevant and future focused	Broadening access of farmers to sustainable agricultural lending and insurance facilities - <u>Calvin Miller</u> , FAO Leader of Farmers Organization	Round tables facilitated by the above catalysts on their respective topics	
18:00-19:00	Side Events:  Independent Evaluation Arrangement (IEA) of CGIAR: Evaluating CGIAR Partnerships – IEA consultation with partners at GCARD Young Professionals for Agricultural Development (YPARD): YPARD, celebrating ten years of youth engagement in agriculture  Forum for Agriculture Research in Africa (FARA) jointly with World Bank: Strengthening support for Implementation of the Science Agenda for Agriculture in Africa: The Science for Agriculture Consortium in Africa (S4AC					
19:00-19:30	MIX AND MINGLE - BIRCHWOOD COURTYARD					
19:30-21:30	RECEPTION - HOSTED BY CGIAR AND GFAR - SERENGETI LAPA					

## THURSDAY 7TH APRIL 2016

	ARC DAY — HELD AT THE ARC ROODEPLAAT CAMPUS Chair: Dr. Lindiwe Sibanda, Ceo: Fanrpan					
07:30-09:00	Transport from Birchwood Hotel to ARC Roodeplaat campus					
09:00-09:15	Welcome and Introduction of the Minister Chair of ARC Council					
09:15-09:45	Speech on the role of ARC and its importance for SA Agriculture Minister of AFF or RDLR					
09:45-10:20	ARC, The past, the Present and the Future:  "The Journey of Animal Science in the ARC" – <u>Dr. Scholtz</u> Grain Crops – <u>Dr. Le Roux</u> Fruits and Vegetables – <u>Dr. Van Rensburg</u> The present and Future – <u>Dr. Moephuli</u>					
10:20-10:40	Building resilient resources for maize production in changing climatic conditions and African soils:  WEMA and IMAS  Plenary Speaker - <u>Dr Kingstone Mashingaidze</u>					
10:40-11:00	Cutting edge tools for a sustainable animal production sector: Livestock Genomics  Plenary Speaker; Prof Norman Maiwashe					
	11:00-11:30 TEA AND EXHIBITS					
	ANIMAL PRODUCTION FOR FOOD SECURITY: CHAIR DR FOOD SECURITY: CHAIR: DR MISHACK MULUMBA  SONJA VENTER  MISHACK MULUMBA  SONJA VENTER  MPHEKGO MAILA COMMERCIAL FARMERS: CHAIR: DR LITHA MAGINGXA					













11:25-11:45	The 2014/15 and 2015/16 summers and maize production: a preview of the future norm? (Dr Johan Maherbe)	agrid for	Establishment of cultural enterprises sustainable rural lopment. (Dr lan du Plooy)	Climate Change Agriculture: Le from El Nino ( <u>Dr</u> <u>Moeletsi</u>	essons Mokhele	Socioeconomic impact analysis – dry beans program – <u>Dr Petronella</u> <u>Chaminuka</u> )
11:45-12:05	Creating a sustainable Poultry Value Chain for enhancing rural livelihoods ( <u>Dr Baldwin</u> <u>Nengovhela</u> )	Molecular breeding for disease resistance in wheat ( <u>Dr Toi Tsilo</u> )		The Challenge of Sustainable Soils ( <u>Dr</u> <u>David Turner)</u>		High Value Fruit and Vegetable Crops in Eastern Cape ( <u>Dr Aart-</u> <u>Jan Verschoo</u> r)
12:05-12:25	New Vaccines for African Animal Diseases ( <u>Dr</u> <u>Mirinda Van Kleef</u> )	How Stone and Pome fruit varieties from the ARC built the South African deciduous fruit market ( <u>Prof Bongani Ndimba</u> )		Remote sensing and imaging in agriculture ( <u>Dr</u> <u>George Chirima</u> )		Technology packages for development and commercialisation of the smallholder livestock sector: Kaonafatso ya Dikgomo (Mr Dan Motiang)
12:25-12:45	Use of Genomics to respond to needs of smallholder farmers – Goat Genomics ( <u>Dr Farai</u> <u>Muchadeyi</u> )	Maize Lethal Necrosis Disease, the threat to Sub-Saharan Africa and developing solutions for disease control– <u>Dr BP</u> <u>Prassana</u> (CIMMYT)		How ARC has used bio- control in South African agriculture. ( <u>Dr Roger</u> <u>Price and Dr Justin</u> <u>Hattingh</u> )		How does ARC train farmers and extention officers (Dr Yolisa Pakela- Jezile)
			12:45-14:30 LUNCH BF	REAK AND EXHIBITS		
14:30-16:00	Site visits depart for :Onderstepoort ,Roodeplaat  and Strateg Development: Winetech, Frui CCARDESA- ARC (CEO)		Panel Discussio Science and Tech and Strategies fo Development: Grai Winetech, FruitSA, CCARDESA – SAI ARC (CEO) – Cha Muofe, I	nology Policies or Sustainable nSA, PotatoSA, NERPO, NAMC, DC perspective, air: (Mmboneni	in the A Future: [ Makina, Cristien Mac	opment of Young Scientists ARC, Experiences and the Or Linky Makgahela, Dr Olga Dr Lerato Matsaunyane, Dr EngelBretch, Ms Khanysile dladla, Ms Thuli Nhalpo. ir: Ms Makgomo Umlaw
	16:00-17:30 CLOSURE - END — RETURN TO BIRCHWOOD					
	19:00-19:30 MIX AND MINGLE -BIRCHWOOD COURTYARD					
	19:30-22:00 GALA DINNER — HOSTED BY THE ARC (BIRCHWOOD HOTEL AND OR TAMBO CONFERENCE CENTRE)					

### FRIDAY 8TH APRIL 2016

07:15-08:15	Side Events:  PAEPARD: The African-European multi-stakeholder demand driven process in ARD: case study of PAEPARD  CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS): Partnering to achieve the  Sustainable Development Goals: Consultation on Climate Change, Agriculture and Food Security Integrative CRP  partnership strategy
08:30-9:30	Plenary Session:  Highlights from Day 1-Presentation and Crowdsourcing 2 Keynote speeches Innovation in a Sustainable Manner: Young Agripeneurs and Reinventing Farming for
	Europe, <u>Maria Letizia Gardoni,</u> Beekeeping as an emerging business in Botswana : and the role of bees in agriculture, <u>Tshepiso Marumo,</u> The Zone for Life (Pty) Ltd.



	THEME 1 Scaling UP- From Research to impact	THEME 2 SHOWCASING RESULTS AND DEMONSTRATING IMPACT	THEME 3 KEEPING SCIENCE RELEVANT AND FUTURE-FOCUSED	THEME 4 SUSTAINING THE BUSINESS OF FARMING	THEME 5 ENSURING BETTER RURAL FUTURES	
09:30-10:45	Chairs: <u>Patrick Caron</u> , CIRAD Co-Chairs: <u>Judith Francis,</u> CTA/EFARD	Chairs: <u>Thomas Price,</u> GFAR Co-Chairs: Dhanush Dinesh, CCAFS	Chairs: Aissetou Yaye, ANAFE Co-Chairs: Wayne Powell, CGIAR CO; Shoba Sivasankar, DCL-AFS	Chairs:  Jethro Greene, CAFAN Co-Chairs: Salima Marzouki, Tunisian Farmer Association; Wale Adekunle, President's Office, State House Gambia	Chairs:  Iman El-Kaffass, International Independent Consultant, HR and Capacity Development Co-Chairs: Courtney Paisley, YPARD	
	Overcoming the Barriers  – Building Infrastructure, Partnerships and Capacities and Mobilizing Investments for Up/Out-scaling Research and Increasing Impact	Delivery : Demonstrating integrated impacts at national level	Strengthening Capacity for keeping Science relevant and future focused	Infrastructure support for agricultural business	Endorsement and refinement of agreed collective action and commitments	
	APAARI: Investing in agricultural research and innovation - <u>Baghunath</u> Ghodake, APAARI Tropical Agricultural Platform: Capacity development on agricultural innovation systems - <u>Christian Hoste</u> , AGREENIUM Strengthening university-based farmer extension services in South East Asia - <u>Wayne Nelles</u> , Chulalongkorn University School of Agricultural Resources Thailand AfricaRice novel business model: Increasing impact of research on productivity and income of rural poor - <u>Marc. Bernard</u> , AfricaRice	Integrated impacts at national level through IFAD support to country led, multi-stakeholder agricultural innovation processes - Sana Jatta, IFAD Investing in agricultural research to achieve food security: results in Asia and the Pacific - Mellissa Wood, ACIAR Measuring delivery of agricultural research for development in Latin America - Hugo Li Pun, FONTAGRO Agricultural innovation, investment and development at subnational level: Gujarat - Ashok Patel, Sardar Krishinagar Dantiwada Agricultural University Translational agriculture: sharing data and knowledge, reflecting the need to accelerate innovation and impact - Jawoo Koo, IFPRI	Overcoming the Challenges in Higher Education and Keeping Agricultural Science Relevant and Focused in African Universities – James Kungʻu, Kenyatta University The G20 TAP – Capacity Development Framework on Agricultural Innovation Systems - Trevor Nicholls, CABI Multidisciplinary PhD Training and Research and Relevance to Development: Lessons from AgTraln's and ARI's Experience in Europe and Africa- Lana Repar, AgTraln, YPARD Europe, and Didier Pillot, Montpellier supAgro and Agrinatura Instructional Design Driven Innovations in Capacity Development - addressing capacity needs of (today and) tomorrow's researchers to meet challenges and opportunities of future science – Iddo Dror, ILRI	A model of Land Use for Promoting Farming as Business – <u>Wate Adekunle</u> , President's Office, State House Gambia Sustainable Irrigation: the missing link in Africa's green revolution - <u>Timothy O.</u> <u>Williams</u> , IWMI Leader of Farmers Organization	Poster Session – world café to comment on the agreed collective action	
		10:45-11:15	COFFEE BREAK AND NET	NORKING		
11:30-12:30	Working Group session 2  Round table discussions: Replicating or developing comparable initiatives and formulating proposals at institutional level to achieve at least one commitment for collective action per volunteering institution and per subject area to be incorporated in GCARD3  Pledge	Round table discussions  Round table groups formulate proposals for at least one commitment to collective action for achieving the SDGs, to incorporate in the GCARD3 Pledge.	Round table discussions)  Round table discussions on immediate collective action to scale-out best practices in individual and institutional capacity development Presentation of results from group discussions Presentation and discussion of overall collective actions from Theme 3	Linking farmers to information, knowledge, and technology Bringing technologies, information and knowledge to the reach of farmers - Yemi Akinbamijo, FARA Open data and information related to agriculture and its development as also nutrition - Ajit Maru, GFAR Leader of Farmers Organization	Announcing collective action: Wrapping up and reporting Brief by round table catalysts	
	12:30-13:30 LUNCH AND NETWORKING [Thematic Chairs (and volunteers) work together to finalise a draft declaration for presentation]					
14:00-15:30	Report back from the Thematic Session Chairs (Chair: <u>Jasper Rees,</u> Group Executive Research & Innovation Systems, ARC)					
	15:30-16:00 COFFEE BREAK AND NETWORKING					
16:15-16:30	Presentation of the D	raft GCARD3 Statement	by <u>Shadrack Moephuli</u> ( Centre)	President and CEO, Agr	icultural Research	



17:15-17:30	Closing and Thanks  Frank Rijsberman (CEO CGIAR Consortium and Co-Chair of the GCARD3 Organizing Committee)  Mark Holderness (Executive Secretary, GFAR and co-Chair of the GCARD3 Organizing Committee)  Shadrack Moephuli (President and CEO, Agricultural Research Centre, Chair of the GCARD3 Local Organizing  Committee)  18:00-19:30 BARBEQUE/BRAAI WITH ENTERTAINMENT - SERENGETI LAPA
16:30-17:15	High Level Panel Discussion offering reflections from the panellists on the GCARD3 outcomes and its relevance to their countries and reactions to the draft GCARD3 Outcome Statement (Moderator: Frank Rijsberman, CEO CGIAR Consortium and Co-Chair of the GCARD3 Organizing Committee)  Evelyne Nguleka, President of the World Farmers' Organization  Jean-Pierre Halkin, Head of Unit Rural Development, Food Security, Nutrition at the DG International Cooperation and Development (TBC)  Charles-Ferdinand N. M. P. Nothomb, current Minister of State in Belgium  Babubhai Bhimabhai Bokhiria, Minister of Water Resources (except Kalpsar project), Agriculture, Animal Husbandry, Fisheries and Cow Protection, Gujarat













#### HOW THE TWO MAIN GCARD3 DAYS - WEDNESDAY 6TH AND FRIDAY 8TH - WILL BE ORGANISED

The main GCARD3 program will be organised around 5 key themes, with clear outcomes outlined for each, as well as a set of lenses related to the SDGs - looking at what we are aiming towards and how we can best get there - that will be applied to make the content relevant to current global challenges and priorities (see table below). There will be 6 sessions of 1 hour under each Theme, for a total of 30 one hour segments.

OVERALL OUTCOMES ACROSS ALL SESSIONS	THEMES	THEMES OUTCOMES	APPLYING THE FOLLOWING "LENSES", LINKED TO SDGS:
Clear requirements     for national and     regional agricultural     innovation systems     to be effective and     accountable mecha-	THEME 1: Scaling UP - From Resear- CH to Impacta	Theme 1 Outcome: Priority given to financial and human investment to achieve impact at scale, driven by farmer and multistakeholder demand, committing to scale successful specific and local practice through integrated actions and Innovation Webs to affect national and regional level.	What (to get to/arrive at)?  A. Food security, Health and Nutrition (linked to SDGs 1,2,3, 6, 8,
nisms for delivering development impacts.	THEME2: Showcasing results and Demonstrating impact	Theme 2 Outcome: Capitalisation of evidence and experience in measurement of impact and returns on investment in national research for development systems applied to increase capacity to deliver on agri-food innovation.	10, 12, 13)  B. Climate action, Environmental Sustainability and Conservation (linked to SDGs 6, 7, 11, 12, 13, 14, 15)  How (to get there)?
How  2. international agricultural research can be an effective partner in contributing to	THEME 3: Keeping Science Relevant and Future-Focused	Theme 3 Outcome: Adoption of measures to keep science timely and relevant shared, with commitment to identify and apply new ones; also agreement on immediate collective action to scale-out best practices in capacity development of national systems.	C. Inclusion, capacity development, foresight and partnership (gender, youth, farmer's rights)
national development outcomes.	relopment THEME 4:	Theme 4 Outcome: Innovative mechanisms for resource mobilization and resolution of value chain bottlenecks adopted which identify, analyze and support rural youth and women initiatives.	(linked to SDGs 4, 5, 8, 9, 10, 11, 16, 17) Economic D. opportunities, industry, enterprise and infrastructure
	THEME 5: Ensuring Better Rural Futures	Theme 5 Outcome: Immediate, wide-scale collective action, applying grass-root foresight mechanisms to achieve comprehensive rural development, and scaling out participants' experiences or initiating new ones in productive employment and enterprise opportunities for women and youth, farmers' rights, and enabling infrastructure, rural housing and health.	(linked to SDGs 1, 8, 9, 11)