Meeting of G20 Agricultural Chief Scientists & Guests 2017
MACS-G20 2017 – Agenda

Sunday, November 12th to Wednesday, November 15th 2017,
Inselhotel Potsdam, Germany

Sunday, November 12th, 2017
14:00 – 14:15 Welcome to MACS delegates
Klaus Heider (Director General and German Chief Agricultural Scientist),
Federal Ministry of Food and Agriculture (BMEL)

Research landscape of agricultural, nutrition & food sciences in Germany
Facilitated by the German Agricultural Research Alliance (DAFA)
14:15 - 15:00 German agricultural research – state of affairs, strategic approaches
Folkhard Isermeyer (Member of DAFA Executive Board) and
Stefan Lange (Thünen Institute)
15:00 - 16:00 Research, teaching, transfer, infrastructures – four dimensions of science:
An interactive discussion
Martin Köchy, Martin Erbs (Managing Directors of DAFA)
16:00 - 16:30 Coffee/tea break
16:30 - 17:15 The DAFA livestock strategy
Folkhard Isermeyer (President of Thünen Institute)
17:15 - 18:00 DAFA’s strategy for organic farming and food
Urs Niggli (Director of FiBL/University Kassel-Witzenhausen)
16:00 - 18:30 in parallel: opportunity for informal/bilateral meetings
18:30 - 21:00 Networking dinner
Inselhotel Potsdam

Monday, November 13th, 2017
Day trip Excursion to AGRITECHNICA in Hanover
World’s largest trade fair for agricultural machinery
07:00 Departure from Inselhotel Potsdam – Transfer to Hanover by bus
10:30 Arrival at AGRITECHNICA Exhibition (Hanover) – Welcome coffee/tea/snack
11:00 – 13:00  **Guided AGRITECHNICA tours for MACS Delegates** in two thematic groups:
1. **Digital Platforms**: showcasing opportunities and challenges of Agriculture 4.0 (e.g. data access, usage and rights)
2. **Innovations in Plant Protection**: focus on this year's AGRITECHNICA Special feature "Future crop protection – responsibility needs ideas", presented by the DLG in collaboration with a range of partners

13:15 – 14:15  Lunch break (conference room at AGRITECHNICA)

14:30 – 16:30  **Farming goes digital – the challenges of digital platforms in agriculture**
International business forum with agricultural entrepreneurs, hosted by the German Agricultural Society (DLG) and BMEL (conference room at AGRITECHNICA)

17:00  Departure – transfer to Potsdam, incl. stopover for dinner in Wolfsburg (VW Autostadt)

c. 22:15  Arrival in Potsdam (Inselhotel)

**Tuesday, November 14th, 2017 – MACS-G20 meeting day 1**

09:00 - 09:15  **Official opening of MACS-G20**
  *Klaus Heider* (BMEL, Germany)

09:15 – 09:35  **German G20 Presidency 2017 – Key events & milestones**
Summary of results and outputs of G20 (agricultural) events
  *Sigrun Neuwerth* and *Hans-Peter Lampen* (BMEL, Germany)

Revisiting MACS 2016 (Xi’an, China) and follow up

09:35 – 09:50  **Overview on previous deliverables**
  *Maja Clausen* (BMEL, Germany)

09:50 – 10:30  **MACS-G20 initiative on Food Losses & Waste Reduction**
Workshop results and continuative cooperation suggestions in coordination with Argentina as upcoming G20 host
  *Felicitas Schneider* (Germany)

10:30 – 11:00  Coffee/tea break

11:00– 11:30  **MACS-G20 Workshop on Linked Open Data in Agriculture (LOD)**
Workshop results and follow up,
  *Daniel Martini* (Germany) and
  *Johannes Keizer* (GODAN)

11:30 – 12:00  **Working Group on Agricultural Technology Sharing (ATS)**
Results of enquiry,
  *Wu Kongming* (China)

12:00 – 12:30  **Principles for Global Research Collaboration Platforms (GRCP)**
  *Stefan Lange* (Germany)

12:30 – 13:00  **Plenary Discussion & Feedback by delegates on GRCP and ATS reports**

13:00 – 13:15  **Group Photo**

13:15 – 14:15  Lunch Break

**Contributions to resilient future food systems**

14:30 – 14:55  **Introductory key note**
  *Tim Benton* (Dean of Strategic Research Initiatives, University of Leeds/Distinguished Visiting Fellow, Chatham House)

14:55 – 15:20  **Global plant pests and need of joint strategies – exemplified at Fusarium Wilt of Banana**
  *Kim Ritman* (Australian Chief Plant Protection Office)
15:20 – 15:45  The international task of enhancing drought tolerance in crops by harnessing genetic resources
Frank Ordon (Julius Kühn Institut, JKI and Wheat Initiative) and Peter Langridge (Wheat Initiative)

15:45 – 16:10  Livestock and resilient future food systems – perspective from developing countries & boundary points to MACS
Jimmy Smith (International Livestock Research Institute, ILRI)

16:10 – 16:40  Coffee/tea break

16:40 – 17:05  The role of soils for the resilience of future food systems
Jean-Francois Soussana (French National Institute for Agricultural Research, INRA)

17:05 – 17:30  Bridging the disconnect between agricultural research and extension through digital development in low- and middle-income countries
Ulrich Kuhlmann (Centre for Agriculture and Biosciences International, CABI)

17:30 – 18:00  Plenary Discussion & Feedback by delegates

18:30 – 19:30  Sightseeing Tour Potsdam by night (bus) & Transfer to the Dinner venue

19:30 – 22:00  Official Dinner (Restaurant Zum Historischen Mühle Sanssouci, Potsdam)

22:15 – 22:30  Transfer to hotels

Wednesday, November 15th, 2017 – MACS-G20 meeting day 2

International formats with relevance to MACS

Formats with respect to decision guidance

09:00 – 09:20  Decision guidance for research priorities in temperate zones – The TempAg Network
Tim Benton (TempAg)

09:20 – 09:40  The Global Agricultural Monitoring Initiative (GEOGLAM)
Ian Jarvis (GEOGLAM)

Approaches in terms of capacity building

09:40 – 10:00  Capacity building and knowledge transfer in agricultural research and innovation from an African perspective
Adewale Adekunle (Global Forum on Agricultural Research – GFAR)

10:00 – 10:20  Facilitating capacity development for agricultural innovation by the Tropical Agriculture Platform (TAP)
Karin Nichterlein (FAO)

10:20 – 10:40  Building the global capacity to reduce agricultural greenhouse gas emissions
Hayden Montgomery (Global Research Alliance on Agricultural Greenhouse Gases – GRA)

10:45 – 11:15  Coffee/tea break

MACS Communiqué

11:20 – 13:00  Plenary Discussion & drafting of MACS Communiqué

13:00 – 14:00  Lunch break

14:00 – 15:30  Final Discussion and adoption of MACS Communiqué 2017

15:30 – 16:00  Summary and closing remarks & Outlook to MACS 2018
Klaus Heider (Germany) & Amadeo Nicora/Martin Irurueta (Argentina)

16:00  Official end of MACS-G20 2017
Farewell coffee and tea; opportunity for bilateral meetings