



G20 GERMANY 2017

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



Federal Ministry
of Food
and Agriculture

- 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)
- ca. 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 Zur 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