MACS-G20 activities during GER G20 Presidency 2017

Stocktaking Report,
presented at MACS - G20
29 May 2018, Jujuy / Argentina

By Maja Clausen, Federal Ministry of Food and Agriculture (BMEL)
Meeting of G20 Agricultural Chief Scientists (MACS-G20) – Composition –

(a) MACS Members = Agricultural Chief Scientists of the G20 States with voting power

(b) MACS Guests = multinational institutions and associations in consultative capacity
MACS-G20 – background & previous meetings

Established by G20 Agricultural Ministers as an exchange forum at the interface of agricultural policy & science/research

- 2012 – Guadalajara, Mexico
- 2013 – Moscow, Russia
- 2014 – Brisbane, Australia
- 2015 – Izmir, Turkey
- 2016 – Xi’an, China
- 2017 – Potsdam, Germany
- 2018 – 28 – 30 May, Jujuy, Argentina
Priorities of G20 Germany 2017 on Agriculture

→ Agenda 2030 and UNFCCC Paris Agreement as major frameworks
→ Agriculture and water as an increasingly important challenge to global food security
→ Information and communication technologies in agriculture
→ Combatting antimicrobial resistances
→ Trade and investment
→ Strengthening the Agriculture Market Information System (AMIS)
→ Stocktaking of the initiatives launched by Ag-Ministers
→ MACS-G20: follow up on “deliverables” (e.g. GRCP, ATS), establishment of MACS website, hosting of two expert workshops on “Food Loss and Waste Reduction” and “Linked Open Data in Agriculture”
MACS-G20 in 2017: Key deliverables & events

→ MACS-G20 Website: [www.macs-g20.org](http://www.macs-g20.org)

→ Working Groups on GRCP (led by GER) & ATS (led by CHN)

→ Events (in chronological order):

1. Expert workshop on Food Losses and Waste Reduction (June 2017)
2. Expert workshop on Linked Open Data in Agriculture (September 2017)
3. Meeting of G20 Agricultural Chief Scientists (MACS-G20, November 2017)
Event I (June 2017, Berlin): Expert workshop on Food Losses and Waste Reduction

→ Participants: 41 national experts and coordinators from FLW related international platforms, projects and foundations from 17 countries (among them 13 G20-States), FAO, OECD and EU-Commission

→ Focus on stocktaking and sharing international experiences around FLW challenges and policies

→ developing road map for further collaborative activities on voluntary basis

→ more: www.macs-g20-flw-workshop.de
Event II (September 2017, Berlin): Expert workshop on Linked Open Data in Agriculture

→ Participants: more than 100 international experts

→ Goals of the two-day workshop:
  - Survey the current state of Linked Open Data
  - Assess the supply and demand for data
  - Exchange failure and success stories
  - Compare potential and real applications and uses
  - Define further political and technical actions

→ more: www.ktbl.de/inhalte/themen/ueber-uns/projekte/macs-g20-loda/lod/
Main event (November 2017, Potsdam): Meeting of G20 Agricultural Chief Scientists

→ 64 delegates from G20 member countries and G20 guests, agricultural research institutes, international organizations etc.

→ introduction to German agricultural landscape by German Agricultural Research Alliance (DAFA)

→ In-depth reports and negotiations based on the outcomes and tasks from previous MACS-G20 in China (2016)

→ Visit at AGRITECHNICA - world’s largest fair for agricultural machinery

→ Outputs: MACS 2017 Communiqué & Revised ToR (re-definition of GRCP concept)

→ www.macs-g20.org/annual-meetings/previous-meetings/germany-2017/
MACS-G20 in 2017: Progress & milestones achieved

- MACS website established & to be maintained/handed over across G20 host countries
- GRCP concept redefined & MACS ToR adjusted
- FLW: web portal established and maintained, road map developed during FLW expert workshop, facilitator recruited to ensure communication flow and facilitate collaborative activities
- LOD: expert workshop addressed persisting constraints and challenges regarding the (global) uptake of open data systems and policies (e.g. data rights & ownership etc.)
- Emerging topics presented: e.g. global plant pests, enhancing drought tolerance in crops by harnessing genetic resources, digitalisation, role of livestock & soils in resilient food systems.
- Status reports on ongoing initiatives: GEOGLAM, TempAg, TAP, GRA
Follow up & next steps

→ MACS 2018 (ARG): ongoing
  → Reports on ongoing initiatives (e.g. FLW) & outstanding tasks (e.g. ATS)
  → Consultation among G20 Troika (GER-ARG-JAP): identify/proposal new/additional (emerging) topics of interest to MACS & initiate dialogue formats (e.g. working groups)
  → Upload recent documents & status information on MACS website
Thank you for your attention!

Contact at BMEL:
Maja Clausen, Division 224: Research & Innovation (International),
Maja.Clausen@bmel.bund.de / 224@bmel.bund.de