

MACS-G20 activities during GER G20 Presidency 2017

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

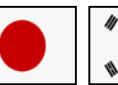
By Maja Clausen, Federal Ministry of Food and Agriculture (BMEL)

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
- 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

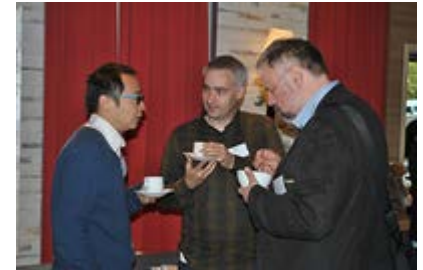
- Participants: 41 national experts and coordinators from FLW related international platforms, projects and foundations from 17 countries (among them 13 G20-States), FAO, OECD and EU-Commission



- 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/macsg20-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-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/propose 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