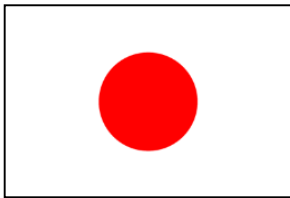


8th G20-MACS in Japan, 2019

Agriculture, Forestry and Fisheries Research Council Secretariat (AFFRCS),
Ministry of Agriculture, Forestry and Fisheries of Japan



9th Meeting of Agricultural Chief Scientists
(18th—19th February 2020, Khobar, Saudi Arabia)

1. G20-MACS

The annual “Meetings of Agricultural Chief Scientists of G20 States (MACS-G20)”, which have taken place since 2012, are based on an **initiative of the agricultural ministers** of the G20 States.

- 2018 : ▪ ▪ ▪ 7th MACS (San Salvador de Jujuy, Argentina)
- 2017 : ▪ ▪ ▪ 6th MACS (Potsdam, Germany)
- 2016 : ▪ ▪ ▪ 5th MACS (Xi'an, China)
- 2015 : ▪ ▪ ▪ 4th MACS (Izmir, Turkey)
- 2014 : ▪ ▪ ▪ 3rd MACS (Brisbane, Australia)
- 2013 : ▪ ▪ ▪ 2nd MACS (Moscow, Russia)
- 2012 : ▪ ▪ ▪ 1st MACS (Guadalajara, Mexico)



2. The summary of 8th G20 MACS

Venue: Tokyo, Japan

Date: 25th and 26th April 2019

Participants: 91 from all G20 members, guest countries and international organizations.

Main topics:

- transboundary plant pests
- Social experiment-like approaches to facilitating on-site adoption of climate-smart technologies
- Stocktaking of initiatives emanating from past MACS-G20.



Meeting of Agricultural Chief Scientists
G20 MACS

3. Program



- Field Trips

Participants visited several sites in Miyagi Prefecture on April 24th

- Meeting

April 25th -26th, G20 MACS (day1 and 2)

Demonstration of robot tractors was also held at one of the sites.

4. Participants

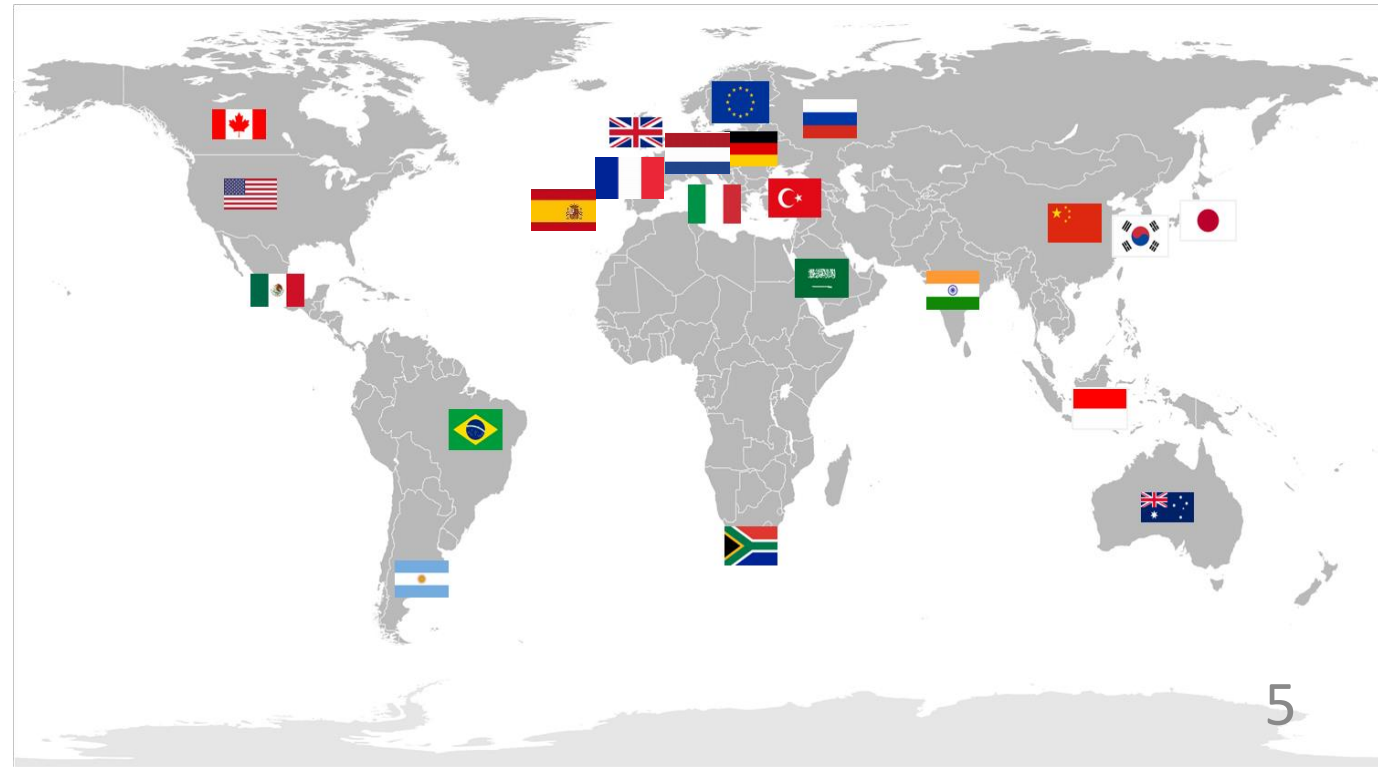
- G20 **all** member countries

- Guest Countries

The Netherlands, Spain

- International Organizations

CABI, CGIAR, CIAT, CIMMYT, IFPRI, FAO, IPPC, GRA, World Bank



5-1. Outcome

MACS Communiqué



G20 Agriculture Ministers' Declaration 2019

We recognize the important role that scientific assessment plays to inform policy setting, including those of climate change and adoption of innovative technologies, and welcome the work by the Meeting of **G20 Agricultural Chief Scientists (MACS)** that strengthens research collaboration for scaling up and out, and accelerating adoption of climate-smart technologies and practices for sustainable agriculture.

International workshop “Scaling up and out of climate-smart technologies and practices for sustainable agriculture” was held in Tokyo, Japan on 5th-7th November 2019



5-2. Outcome

MACS Communiqué



G20 Agriculture Ministers' Declaration 2019

We also welcome the adoption of the resolution in the United Nations General Assembly on the International Year of Plant Health, 2020(IYPH,2020), and welcome the activities of **MACS** that facilitate research collaboration to tackle transboundary plant pests such as fall armyworm.

International Workshop on Facilitating International Research Collaboration on Transboundary Plant Pests was held in Tsukuba, Ibaraki, Japan on 27th – 29th November 2019



5-3. Outcome

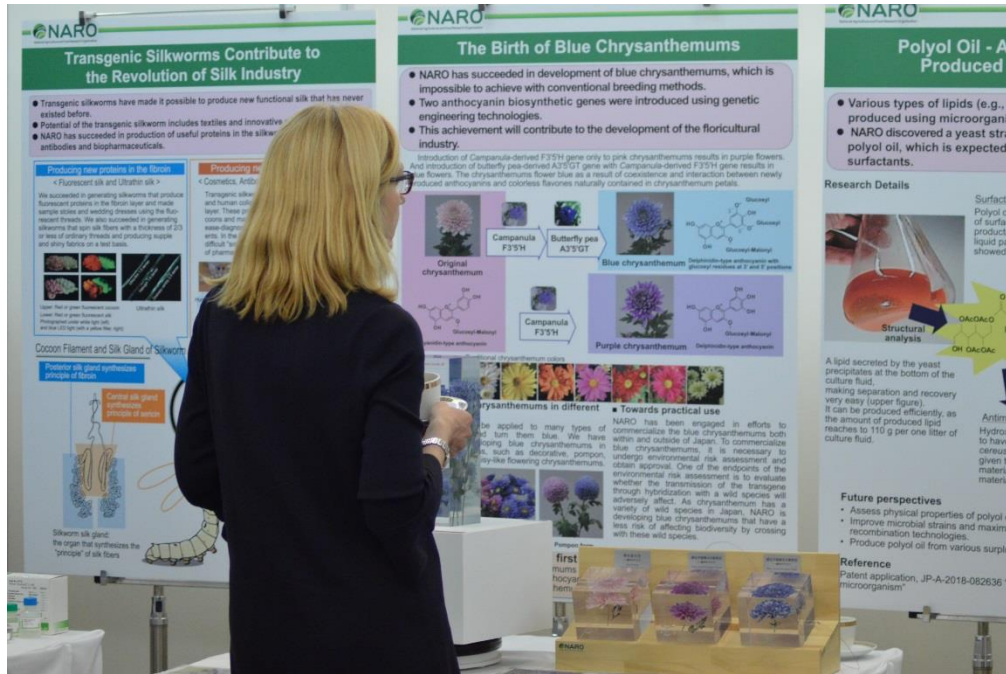
Recognition of the working groups and initiatives emanating from MACS paid in MACS Communiqué

- Sustainable soil management
- Agricultural Technology Sharing (ATS)
- Food loss and waste
- Genetic diversity
- Agroecosystem Living Labs (ALL)

International Workshop on **Food Loss and Waste Prevention** targeting Southeast and East Asian region as third event of the series took place in Tokyo on 16th - 18th October 2019



6. Side events



Display of research activities by National Agriculture and Food Research Organization (NARO) and Japan International Research Center for Agricultural Science (JIRCAS)

“Power assist suit for agriculture” developed by MAFF’s commissioned project.

Foods claimed to have specific functions for better health served to participants with the support of NARO research team.

Thank you for your attention!

