

Collaboration Initiative on Food Losses & Waste launched at MACS-G20

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An
encouraging
interim report



MACS-G20 2024, Brasilia,
Brazil, May 15th, 2024

Collaboration Initiative on Food Losses & Waste - how it came about

- Collaboration Initiative on Food Losses & Waste (FLW) was raised at the MACS in Izmir (Turkey) in 2015
- Our aim: to bundle scientific expertise, capacities for policy advice and indispensable experience from economy and civil society in order to mobilize a noticeable reduction of FLW on a global scale
- Germany took over the development of the Initiative; Thünen Institute finances the majority of the activities, including the coordinator of the initiative, Dr Felicitas Schneider



Core activities of the Collaboration Initiative

- ⇒ Global online research platform for FLW
- ⇒ Capacity building & exchange of doctoral students
- ⇒ Workshops for joint FLW action around the world
- ⇒ Joint publications (e.g. as guest editors of special issue ***“National Food Loss and Waste Prevention Strategies and Monitoring Approaches—an Interdisciplinary Challenge for Decision Makers, Researchers and Practice”*** of the journal "Sustainability")
- ⇒ Initiation and support of bilateral research projects on FLW topics
- ⇒ Annual reports of the Collaboration Initiative

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Global online research platform for FLW

Launched in spring 2016 - www.global-flw-research.org

FOOD LOSSES & FOOD WASTE

A global platform
for experts and research

FIND EXPERTS ▾

EXPERT & PROJECT ENTRY ▾

Take part in the global research network on reduction of food losses & food waste – be part of the solution!

Reducing food losses & food waste (FLW) is a key global challenge to ensure sufficient and healthy food into the future, and to use available arable land as efficiently as possible. And it is an existing challenge for all nations as an unacceptable amount of FLW occurs in all parts of the world – in developing as well as in emerging and highly industrialized countries.

► [READ MORE...](#)



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Reducing food losses & food waste (FLW) is a key global challenge to ensure sufficient and nutritious food for all as efficiently as possible. And it is an existing challenge for all nations, both in developed and developing as well as in emerging and high-growth economies.

Started from scratch - now includes 174 experts from 43 countries and several hundred projects

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Workshops for joint FLW action around the world

Principles and working methods of the workshops:

- ⇒ Cooperation with respective G20 presidency; **target region includes the neighbouring countries/regions**
- ⇒ Combination of **lectures and working groups** working on specific topics; **excursions** for the connection to practice
- ⇒ Selection of **topics: specific to the respective region** in cooperation with local partners with a focus on preventing food loss and waste
- ⇒ Goal: Establishment and expansion of networks in the region, **exchange of experiences on region-specific topics in theory and practice**
- ⇒ Participants **from all economic sectors** of the food supply chain, from **politics, administration, catering & restaurant business, food banks, and science**
- ⇒ **No participation fee** to ensure low-threshold access to the workshops
- ⇒ Joint **financing** of the workshops by **Thünen Institute and respective G20 host**, partly also by the FAO; since 2024 financing also **by Federal Ministry of Food and Agriculture of Germany)**

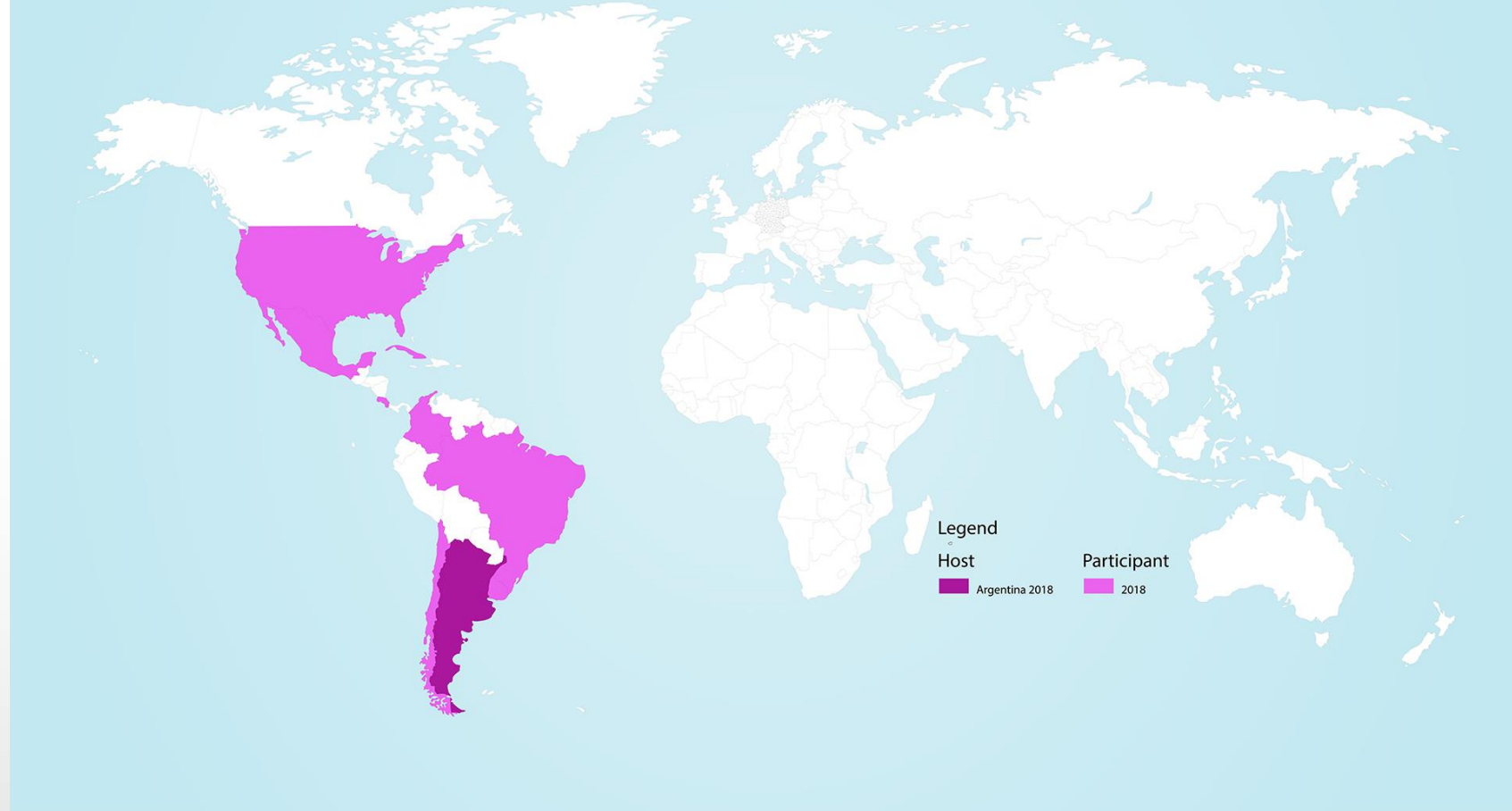
Workshops for joint FLW action around the world



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Buenos Aires 2018:

Argentina, Brazil, Costa Rica, Colombia, Cuba, México, Uruguay, USA, Germany



Workshops for joint FLW action around the world

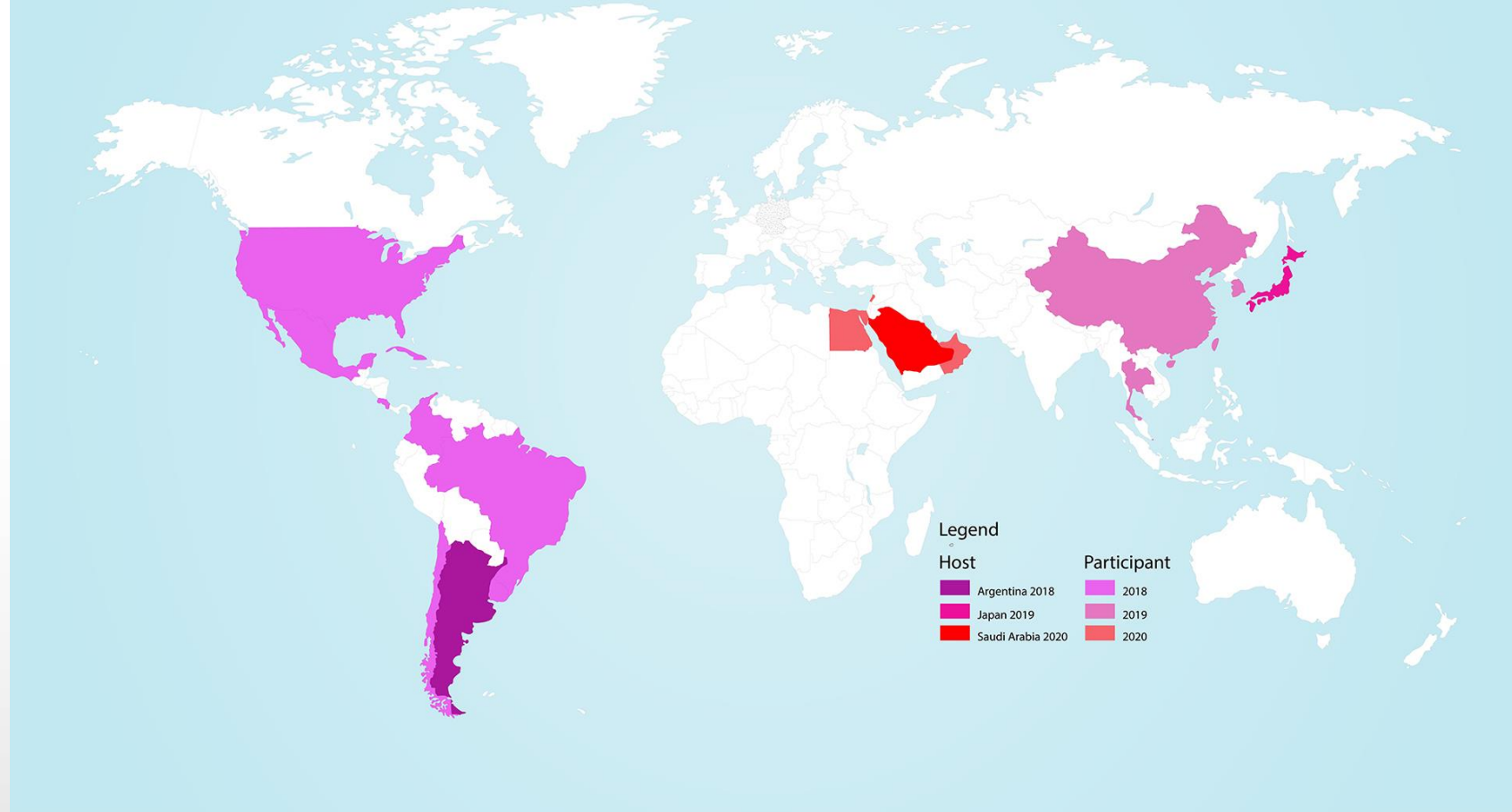
Tokyo 2019:

Japan, China, Macao, Singapore, Taiwan, Korea, Indonesia, Thailand, Saudi Arabia, France, Germany

Workshops for joint FLW action around the world

Riyadh 2020:

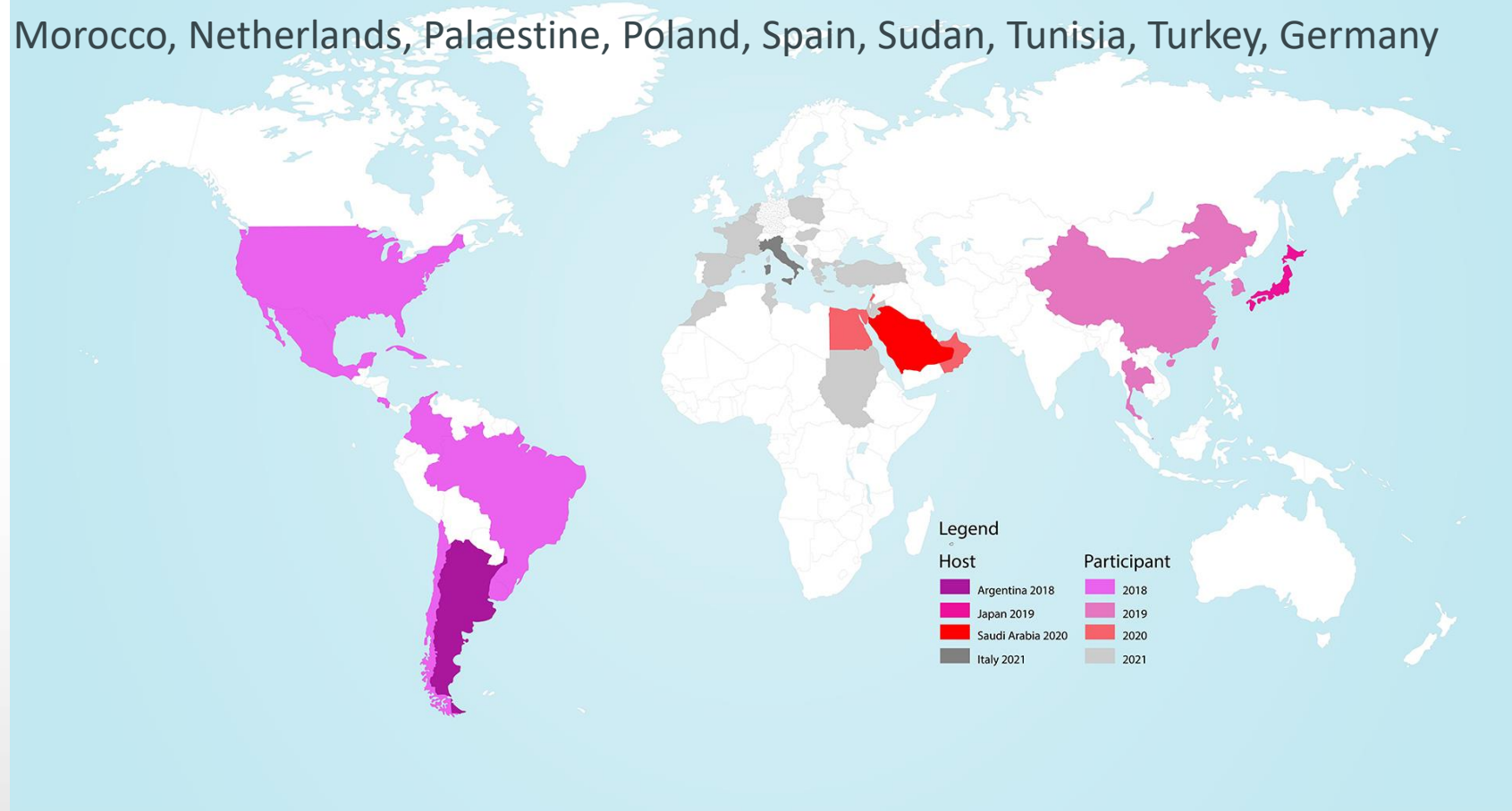
Saudi Arabia, United Arab Emirates, Oman, Lebanon, Egypt, Bahrain, Germany



Workshops for joint FLW action around the world

Rome 2021 (online):

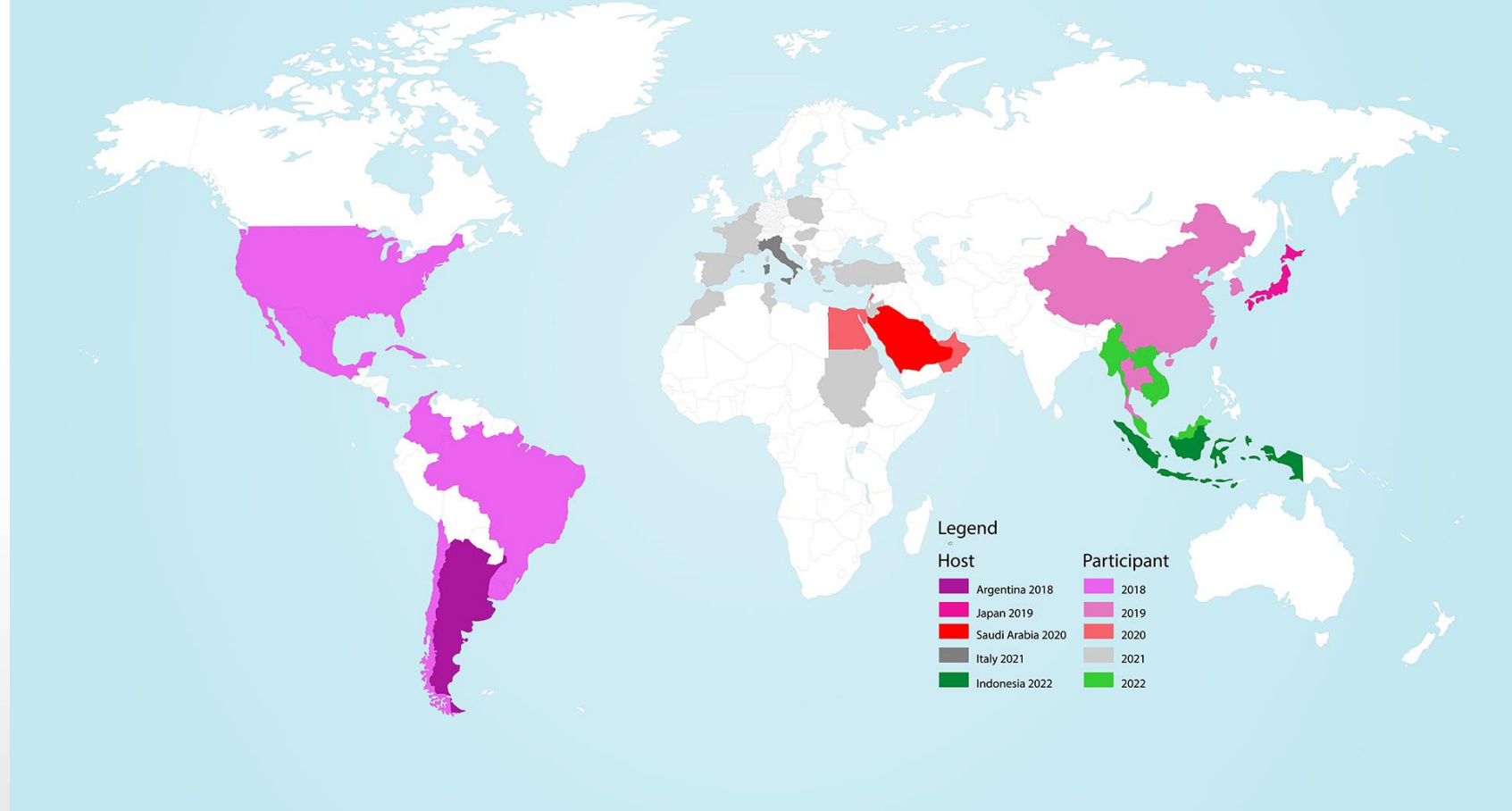
Italy, Belgium, Bosnia-Herzegovina, Greece, Hungary, Israel, Jordan, Macedonia, Morocco, Netherlands, Palaestine, Poland, Spain, Sudan, Tunisia, Turkey, Germany



Workshops for joint FLW action around the world

Yogyakarta 2022:

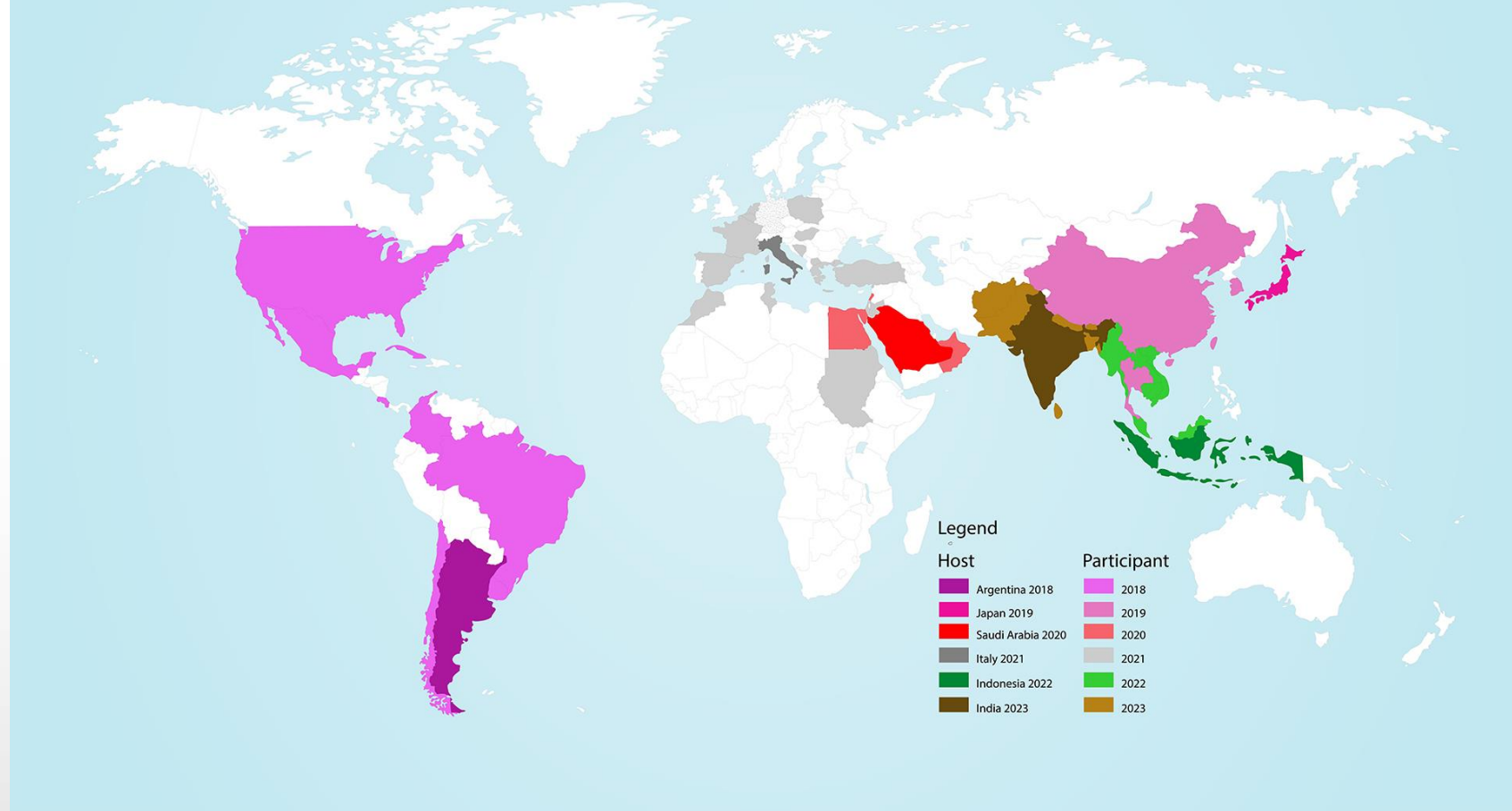
Indonesia, Myanmar, Cambodia, Malaysia, Laos, Thailand, Vietnam, France, Germany



Workshops for joint FLW action around the world

New Delhi 2023:

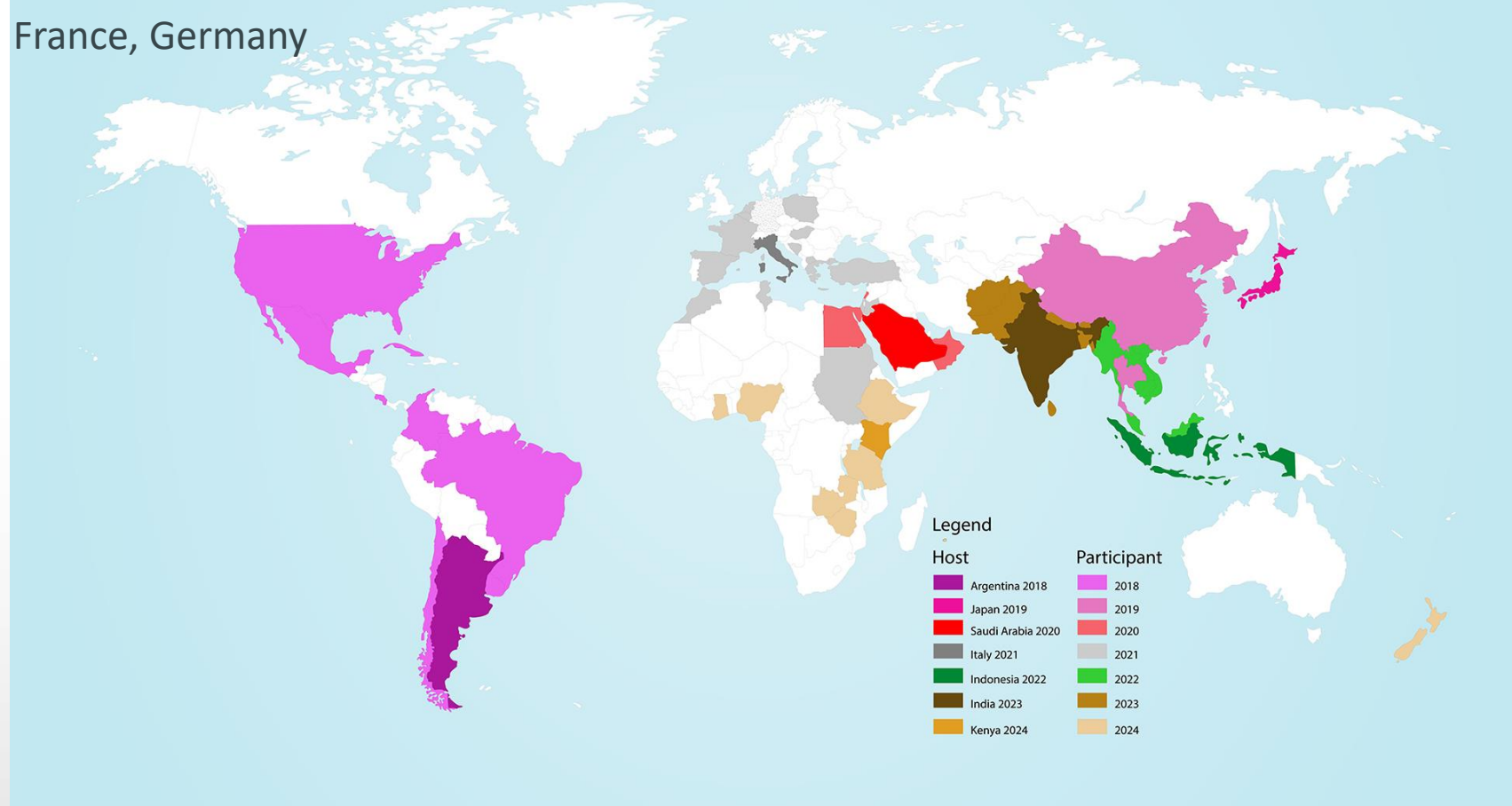
India, Bangladesh, Buthan, Nepal, Sri Lanka, France, Germany



Workshops for joint FLW action around the world

Nairobi 2024:

Kenya, Ethiopia, Ghana, Nigeria, Tanzania, Mauritius, Zambia, Zimbabwe, New Zealand, France, Germany



This workshops series is a success story – thanks to MACS



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To date, around **1,000 stakeholders** from **102 countries** have participated in the exchange of experience and joint activities to prevent FLW



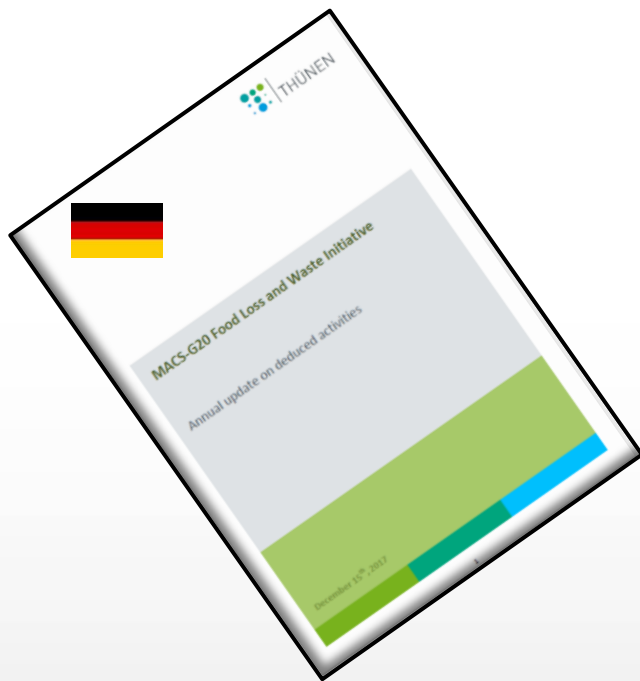
Annual reports of the Collaboration Initiative

- ⇒ 1st report sent out mid of December 2017
- ⇒ reports contain, for example:
 - current country reports from all over the world,
 - reports on new project co-operations,
 - latest research results and technological developments,
 - recent literature from Initiative partners and other sources
- ⇒ All reports are available at MACS-Website



Annual reports of the Collaboration Initiative

2017 edition:



With authors from **Germany**

Annual reports of the Collaboration Initiative

2018 edition:



With authors from **Germany**

Annual reports of the Collaboration Initiative

2019 edition:



With authors from **Germany, Belgium, Brazil, Australia, Russia, Hungary, Canada, Japan**

Annual reports of the Collaboration Initiative

2020 edition:



With authors from **Germany, Palaestine, Switzerland, Spain, United Kingdom, Brazil, France, Finland, China, Canada**

Annual reports of the Collaboration Initiative

2021 edition:



With authors from **Germany, New Zealand, Italy, Spain, Austria, China, Australia, Canada**

Annual reports of the Collaboration Initiative

2022 edition:



With authors from **Germany, Italy, Austria, Canada, Brazil, Spain, China**

Annual reports of the Collaboration Initiative

2023 edition:



With authors from **Germany, Ecuador, Italy, Brazil, Canada, Spain**

Annual reports of the Collaboration Initiative – a success story thanks to MACS, too

**Started with authors from a single country - now
authors from 19 countries**

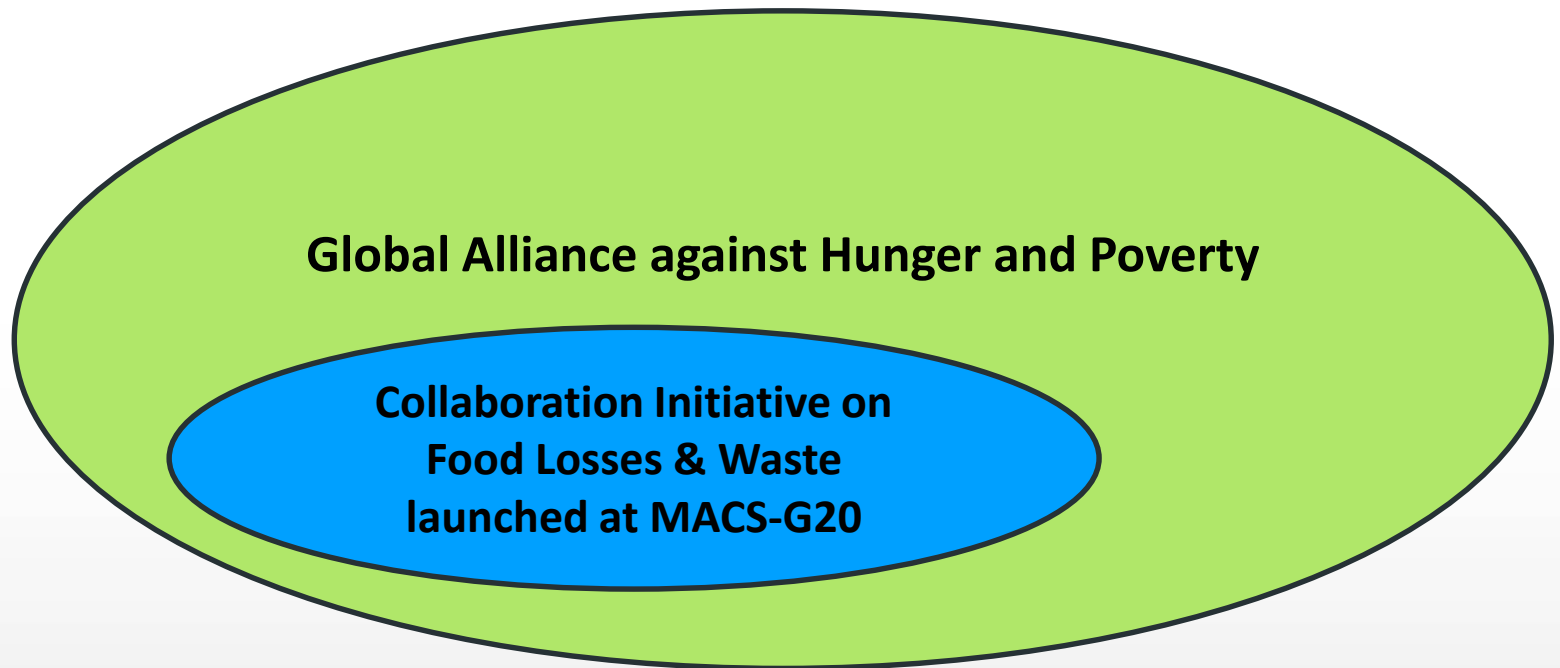
Collaboration Initiative on FLW – a fitting part of a bigger picture?

One of Brazil's most ambitious proposals as G20 host:

Global Alliance against Hunger and Poverty

Collaboration Initiative on FLW – a fitting part of a bigger picture?

One of Brazil's most ambitious proposals as G20 host:



The 1st take home message

We are still losing over 1 billion tonnes of food worldwide, which is between a quarter and a third of the total food produced

Both within our countries and here at MACS, we rightly discuss the need for joint research efforts in

- soil and water management,
- plant breeding,
- improved fertilization,
- control of transboundary plant and animal diseases,
- food behaviour, etc.

to make our food systems more sustainable, to feed a growing world population safely and to protect the climate.

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to make our food systems more sustainable, to feed a growing world population safely and to protect the climate.

But let's not forget: the most effective lever we have to achieve these goals is to use the food we already produce today as loss-free as possible.



The 2nd take home message is a big “Thank you” ...

... to you MACS partners who have supported and continue to support the Collaboration Initiative, especially in co-organizing and hosting the labour-intensive workshop series!



Special thanks therefore go to the governments, institutions and highly committed individuals in Argentina, Japan, Saudi Arabia, Italy, Indonesia, India, Kenya, at FAO and UNEP and already in Brazil for the workshop to be held here in Brasilia in October 2024!

Muito obrigado! Thank you very much!

