Activities deduced from MACS-G20 Collaboration Initiative on Food Losses & Waste

Stefan Lange, Felicitas Schneider
Thünen Institute, Braunschweig, Germany

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Deduced FLW activities

1. sharing information & experience
2. awareness raising & capacity building
3. stimulating research cooperation
4. matching ideas & funding
5. cooperation at implementation level

MACS-G20 FLW initiative
Deduced FLW activities with

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MACS-G20 FLW initiative

UNEP
Global Food Loss & Waste Research Platform (www.global-flw-research.org)

FOOD LOSSES & FOOD WASTE
A global platform for experts and research

An initiative of the Meeting of Agricultural Chief Scientists of G20 States (MACS-G20) - in 2017 under presidency of the Federal Republic of Germany

Take part in the global research network on reduction of food losses & food waste – be part of the solution!
120 experts coming from 26 countries

- Argentina
- Australia
- Austria
- Belgium
- Brazil
- Canada
- China
- Denmark
- France
- Germany
- Greece
- Iran
- Israel
- Italy
- Netherlands
- New Zealand
- Norway
- Philippines
- Romania
- Spain
- Sweden
- Switzerland
- Taiwan
- Turkey
- UK
- USA
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Increase since MACS 2019:
+ 8 % researcher (120)
+ 18 % countries (26)
+ 12 % projects (102)
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Still missing G20 countries: Mexico, Indonesia, South Africa, Russia, Saudi Arabia, India, South Korea
Series of FLW related workshops

- 3rd workshop October 16th-18th 2019 in Japan with target group Southeast and East Asian countries
- in cooperation of Ministry of Agriculture, Forestry and Fisheries of Japan, FAO Liaison Office Japan, UNEP and Thünen Institute
- 78 participants from 10 Southeast and East Asian countries
Series of FLW related workshops

- 3rd workshop October 16th-18th 2019 in Japan with target region “Southeast and East Asian countries”
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- 4th workshop scheduled for September/October 2020 in Saudi Arabia with target region “Gulf council countries & Yemen”
International Day of Awareness of FLW

• Argentina submitted proposal towards UN in 2018

• on December 19th, 2019 UN General Assembly designated

September 29th as International Day of Awareness of Food Loss and Waste
Cooperation with Brazil

- exchange of research results between Embrapa and Thünen Institute
- organisation of joint mini-symposium “Food losses and waste mitigation: a Latin American perspective” at Global Food Security Conference in June 2020 in Montpellier/France
- preparation of MoU between Embrapa and Thünen Institute for in-depth FLW-related cooperation in the future
Cooperation with Russia

- utilisation of shared FLW knowledge by hosted fellow Mr. Rykalin from Lomonosov Moscow State University in Russian language for further facilitation of FLW prevention research in Russia
- second capacity building with Ms. Kosterina in July 2019 with focus on FLW accounting on national level and sector-related
- German Chancellor Fellowship for Prospective Leaders („Zero Food Waste Lab“) finished – results published soon
Cooperation with Canada

• “Implementation of a technology platform to develop sustainable strategies in order to reduce Food Loss and Waste across the continuum of food distribution in Canada”

• core project activities will be achieved by Saint-Hyacinthe Research and Development Centre (part of AAFC)

• “Circular Agri-Food Systems” concept will be developed and implemented, achieving reduction of FLW & pollution & environmental footprint while optimizing value-addition to Canadian grown commodities

• Thünen Institute acts as facilitator for results transfer
EIP-AGRI focus group „Reducing food loss on the farm“ (target region Europe)

- five mini-papers expected targeting best practice towards
  1. implementation of optimized pre- and post-harvest handling
  2. design of new business models and relationships to market misshaped and surplus food
  3. to develop non-food products from by-products
  4. to enhance knowledge and information for European farmers
  5. Potential of ICT for reducing on-farm food loss

- practical outcomes for European farmers, recommendation towards operational groups expected for early 2020 available at EIP-AGRI website
Countries and Regions measuring FLW

as of September 2019

- Gold: measuring loss and/or waste
- Blue: timeline in place for measurement completion

updated Champions 12.3., 2019
How we as MACS-G20 can support FLW reduction

1. Support / push national efforts to establish national FLW measurement & monitoring

2. partnerships among advanced and less advanced G20 members and non-members in terms of setting up baselines, monitoring, measurement and reduction procedures (MACS-G20 Initiative on FLW as broker)

3. Suggestion to mention FLW topic in G20 leaders declaration (after 5 years of mentioning in G20 Ag Ministers communiqué)

4. please use and spread information related to Global Food Loss and Waste research Platform (www.global-flw-research.org)
Contact details

felicitas.schneider@thuenen.de
stefan.lange@thuenen.de