

MORE ABOUT PARALLEL SESSION

TRADE_OFFS AND SYNERGIES BETWEEN SDGs AT DIFFERENT LEVELS

Organizer

Wageningen University and Research

Chair: Katrien Descheemaeker

Background

The aspirational SDGs defined at global level must be translated to national levels and create impact at local level. Reaching SDG2 at national level (e.g. sufficient food produced to feed each member of the national population) does not yet guarantee that SDG2 is achieved at local level (everybody has access to sufficient food). Reaching SDG2 may be at the cost of other SDGs such as SDG13 (climate change) because increase in production leads to increase in GHG emissions or SDG 15 (life on land) when production leads to conversion of areas with high biodiversity into crop land. At each level and between levels synergies and trade-offs can be expected within SDG2 or between SDG2 and other SDGs.

Objective

In this session we would like to introduce this topic by five short presentations focusing on reaching SDG2 at different levels (global-regional-national-local) and identifying the SDGs that need to be considered as well. Furthermore some sessions propose methods to deal with the problem of trade-offs between SDGs and between levels. The introductions will be followed by a plenary discussion about how to deal with different levels when looking at synergies and trade-offs between SDG2 and other SDGs.

Draft program

Introduction by the chair (5 minutes)

Five introductions (7 minutes presentation plus 3 minutes clarifying question each)

Plenary discussion (30 minutes)

Reporting, conclusions, wrap-up (5 minutes)

The five contributions with authors, titles, levels and SDGs addressed can be found in the following table.

Authors	Title	Levels and SDGs
Linda Velthuizen, Ken Giller, Maja Slingerland (PPS) Peter Oosterveer (ENP), Inge Brouwer (HNE), Sander Janssen (ESG) Imke de Boer, Hannah van Zanten (DPS)	The Missing Middle in SDG 2: The dual disconnect between global goals and local contexts, and between food production and consumption	Global-Local Synergies and trade-offs within SDG2
Marieke Sassen, Arnout van Soesbergen (UNEP-WCMC, PPS-WUR)	Balancing trade-offs among SDGs under future uncertainty: scenarios and mapping for East Africa.	Global-Regional (EastAfrica)-national (Kenya /Tanzania) SDG2 (zero hunger), SDG15 (life on land), SDG 6 (water) SDG13 (climate action)
Juliana D. B. Gil (PPS-WUR)	Reconciling global sustainability targets and regional action for food security and climate change mitigation.	Global, regional (Western Europe) and national (The Netherlands) SDG2 (zero hunger) and SDG 13 (climate action)
Lindsay Shutes, H. D. Cui, T. Achterbosch, G. Philippidis, P. Havlik, T. Heckelei, A. Leip & H. Valin (WER-WUR)	To what extent will the evolution of the European food system to 2030 contribute to the Sustainable Development Goals?	Global-Europe SDG2 (zero hunger), SDG9 (industry, innovation and infrastructure), SDG13 (climate action), SDG15 (life on land), SDG17 (Partnerships)
Wytze Marinus, Esther Ronner, Gerrie W. J. van de Ven (PPS), Fred Kanampiu (IITA-Kenya), Samuel Adjei-Nsiah (IITA-Ghana) and Ken E. Giller (PPS)	The devil is in the detail! Sustainability assessment of African smallholder farming.	Global-local (farm level) SDG2 (zero hunger) operationalised and translated to different local situations

The discussion will focus around the following three points:

- Which other sustainability objectives (SDGs) are mostly at risk or enabled when pursuing SDG2?
- Which methods are promising to understand trade-offs and synergies, and assess them across different levels?
- How can the assessed trade-offs be tackled and synergies be harnessed across scales, and which actors are needed in this process?