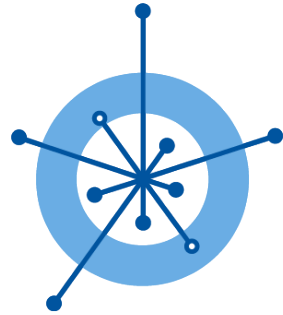


BRIGHT SPACE



Designing a Roadmap for
Effective and Sustainable Strategies for
Assessing and Addressing the Challenges of
EU Agriculture to Navigate within a
Safe and Just Operating Space

BrightSpace project overview

Models and tools supporting agricultural policies: a Horizon update
Clustering workshop of Horizon funded EU projects

Marc Müller (BrightSpace Coordinator)
Brussels, 25.10.2023

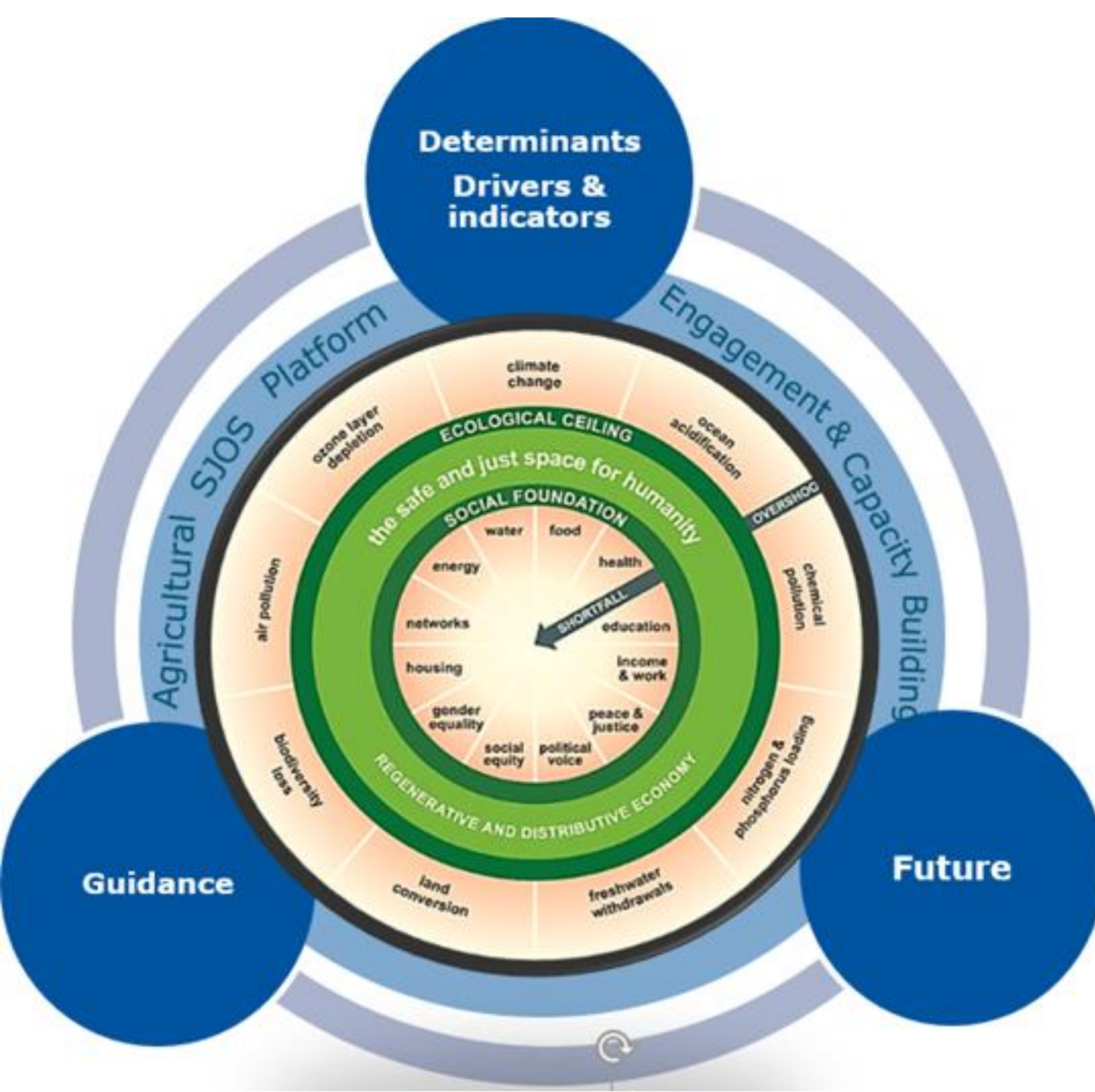


- Coordinator: Wageningen Economic Research
- Timing: 60 months (1 11 '22 – 31 10 '27)
- Total budget: 10 million EUR
- 14 partners



- The overall objective is to design effective and sustainable strategies for assessing and addressing the Challenges of EU agriculture to navigate within a safe and just operating space, including planetary boundaries as required by the European Green Deal.
- BrightSpace provides a set of analytical instruments to experiment, analyse, and coordinate the effects of innovative governance structures and policies related to agriculture to navigate within a safe and just operating space (SJOS)
- Engage in a regular dialogue with EU policy makers to ensure relevance and timing of results

Conceptual Framework

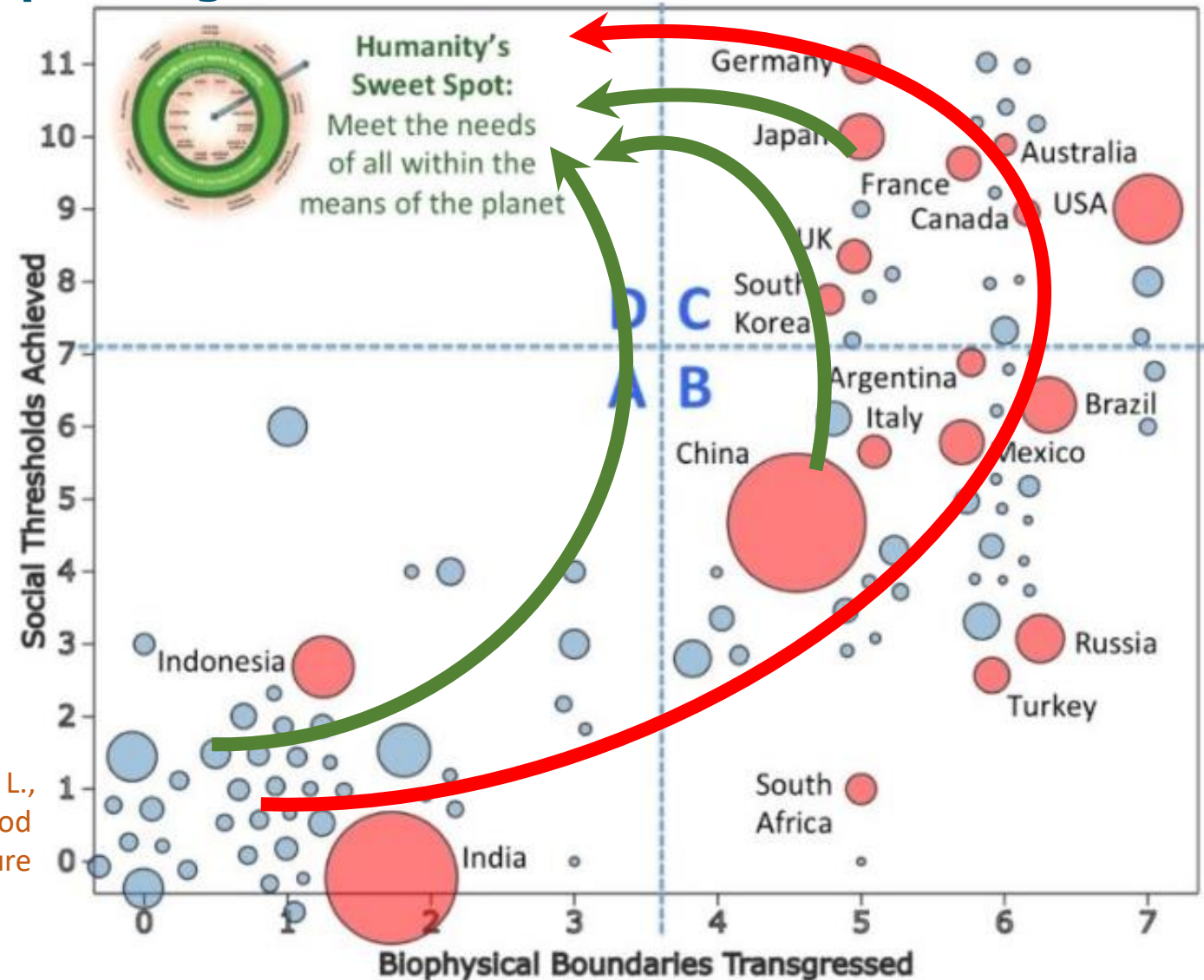


- Centered around the concept of a donut representing the boundaries of a Safe and Just Operating Space (SJOS) (Raworth, 2017)
- Methodological framework in three pillars:
 - Determinants
 - Future
 - Guidance
- Pillars are connected by:
 - Thematic and modelling work
 - Stakeholder community

JUST Operating Space

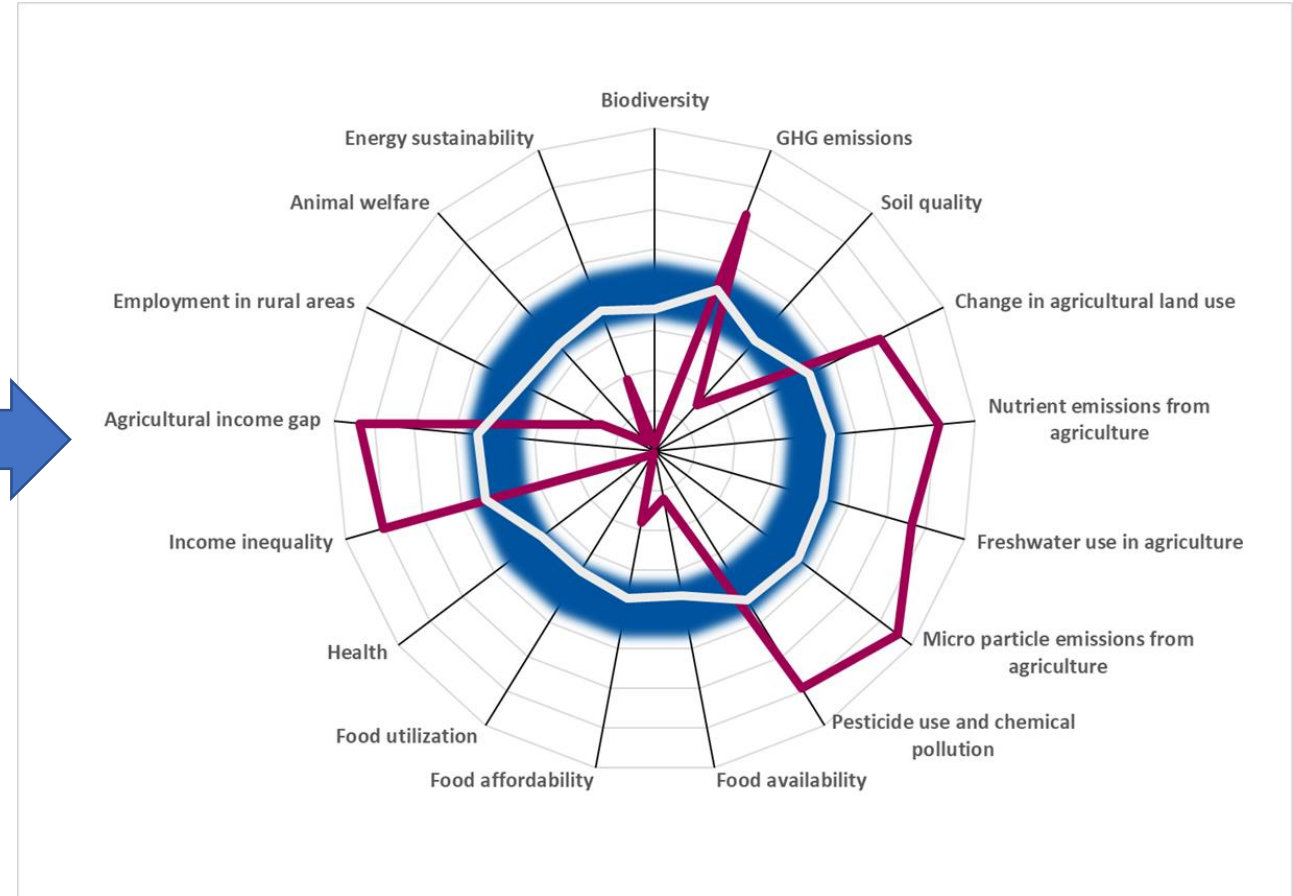
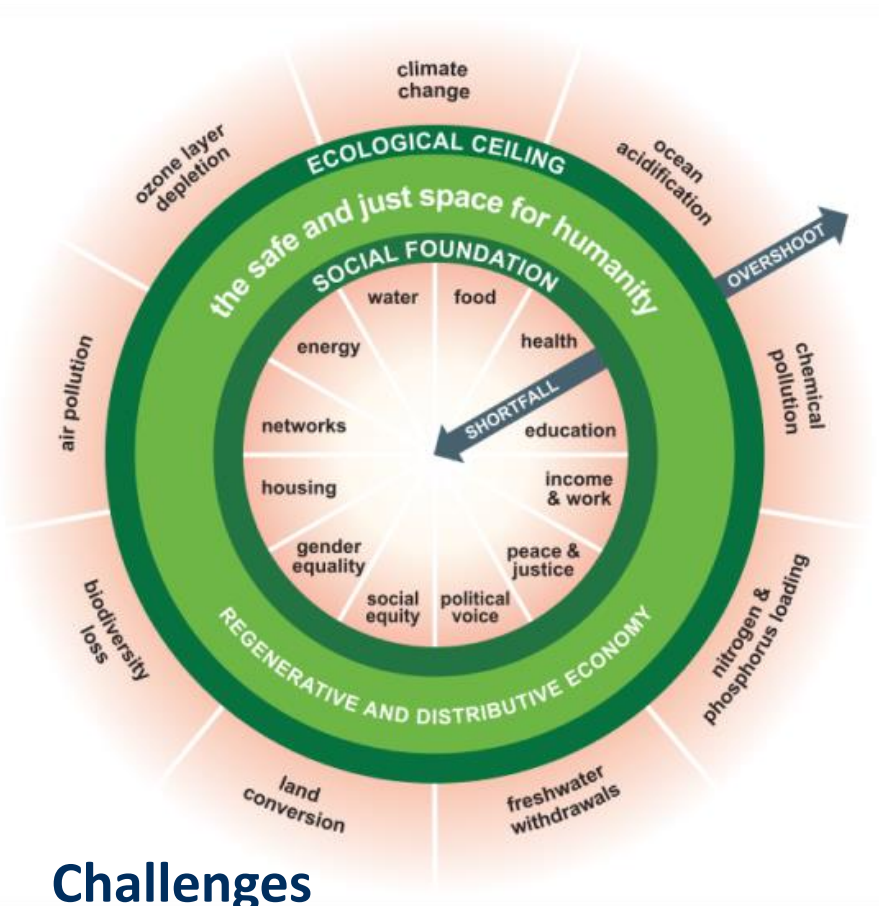
From a Just and Save space perspective

Different trajectories needed



Source: based on: O'Neill, D. W., Fanning, A. L., Lamb, W. F., & Steinberger, J. K. (2018). A good life for all within planetary boundaries. *Nature sustainability*, 1(2), 88-95.

**SAFE
Operating
Space**



Challenges

- “Safe” space indicator frameworks well established, e.g. Planetary Boundaries concept
- Several frameworks related to “Just” space, e.g. SDG or food security frameworks
- EU Green Deal, Farm to Fork strategy, CAP Reform

Pillar 2: Future pathways of European Agriculture



- Substantial overlap with MIND STEP toolbox
- Most are well established models (e.g. IMAGE and GLOBIOM are two IAMs used by IPCC)
- simFNS will be new development to assess realtions between household income, diets, and health.

Figure 4 BrightSpace model toolbox across spatial scales and SJOS indicators

LAMASUS

- Joint application for FADN data to ensure common database
- Joint baseline construction
 - Dedicated pre-congress workshop at EAAE conference August 2023 ->

GeneBEcon and RATION

- Identification of novel plant protection products
- Implications for economic modelling at different scales
- Pre-congress workshop at EAAE conference ->



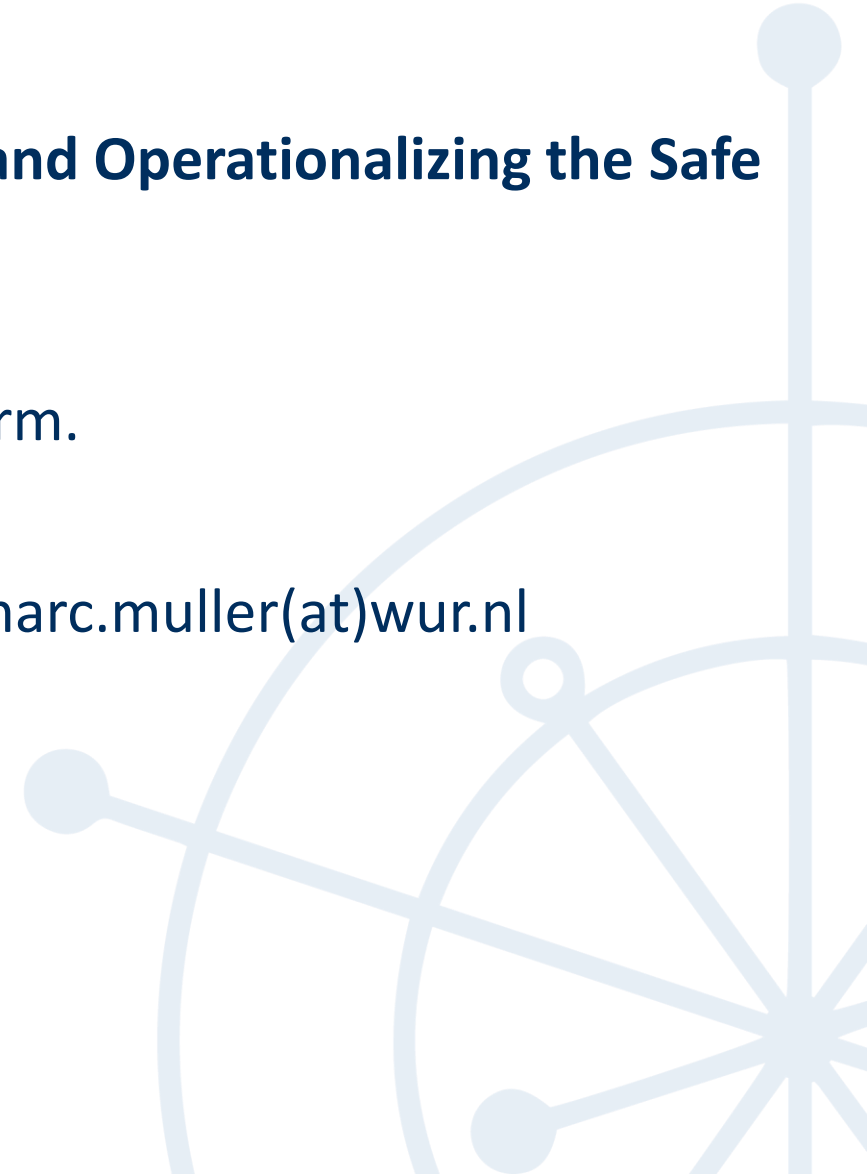
Agenda topics during first Annual Meeting October 2023:

- (organisational matters)
- Conceptual Framework of the Safe and Just Operating space
- Thematic areas, indicator domains, indicators
- Organisation of the upcoming Thematic Seminar with Stakeholder Community



30.10.2023, 13:30-16:30 - First Thematic Seminar: Defining and Operationalizing the Safe and Just Operating Space

- Online Event and first meeting with the stakeholder platform.
- You are cordially invited to join, please send an email to [marc.muller\(at\)wur.nl](mailto:marc.muller@wur.nl)





Funded by the European Union Horizon Europe Grant Agreement No. 101060075. Views and opinions expressed are however those of the authors only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.



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