



EAT Stockholm Food Forum 2018

Background Paper

Everyone Eating Well Within Environmental Limits

DISRUPTIVE DIALOGUE CO-ORGANIZED BY EAT, FReSH AND FOLU

Best evidence on key challenges to ensure healthy and sustainable food and land use systems flags critical dietary and environmental limits that must be maintained in order to achieve health and sustainability targets. Two proposed non-transgressible limits present equally compelling narratives, yet equally challenging ambitions: zero hunger and zero land expansion. In the simplest terms, zero hunger as the clear ambition that all people – especially children – have access to sufficient and nutritious food all year round. Zero land expansion in turn recognizes that further conversion of natural ecosystems, particularly tropical forests, to croplands and rangelands dramatically limits our ability to meet climate, biodiversity, and other environmental targets. Achieving E.O. Wilson’s ambitious Half Earth Target, and feeding humanity is feasible, but requires triggering at least five major levers at once: significant dietary shifts towards plant-based diets, large reductions in food waste and loss, strict management of land and oceans, trade, and sustainable intensification of production systems to close yield gaps.

The Food, Agriculture, Biodiversity, Land and Energy (FABLE) team of the Food and Land Use Coalition has launched an ambitious program to facilitate the development of national and global pathways to healthy and sustainable food and land use systems. These pathways reveal the degree of collective effort required by policy, the private sector, and civil society amongst others and provide an important tool by which actors can set calibrated collective ambitions for food and land use system transformation.

This dialogue is co-organized by the Food and Land Use Coalition and presents the modelling process being used by FABLE to iteratively develop national roadmaps. The session is a by invitation only consultative meeting to solicit feedback on input parameters, scenario options, and output results of FABLE country models. It combines this with an exploration of the business solutions being developed and put forth by the FReSH partnership led by the WBCSD and EAT.

Questions to be addressed include:

1. How important are targets (safe operating space) in setting the boundaries for scenarios?
 - a. How do we move from focusing on single issue (climate, hunger, biodiversity), multi-issue progress and avoiding one-off efforts?
 - b. What are the risk areas associated with these targets?
 - c. Will this answer our questions for ambition, scale, time and the business case?

2. For each lever, what is the range of change narratives?



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- a. What does this imply in terms of stakeholder interventions? What challenges emerge between regions and in-region? Between stakeholder groups, or between defined boundary conditions?
 - b. What is the role defined for science, business, civil society and policy within the narrative? What interface and/or collaboration is anticipated? What kinds of interactions, iterations, and engagements are needed to facilitate rigorous, ambitious, but transparent and collective transformational narratives that become the basis for actionable business solutions?
3. What engagement do we need from EAT/FReSH/FOLU to progress on these scenario narratives?

Objectives

1. Shared understanding by the science, policy, and private sectors of the scale of ambition and urgency required to achieve healthy diets within environmental limits.
 2. An articulated exploration of the key geographic, political, and technological opportunities and enablers to achieving healthy diets without land expansion.
 3. Consultation and feedback of the FABLE modelling approach, including key input parameters, priority scenarios, and outcome metrics.
 4. Zero draft proposals for building narrative scenarios on healthy diets from sustainable production systems.
 5. Reference group established and key challenge areas identified for Hyderabad Science to Solution Dialogue on “Eating Well Within Limits”.
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