

Imagine food systems 2100 (KB35-103-003)

Project teams

A diverse, healthy and just food future for Europe: Bertram de Rooij, Marian Stuiver (ESG), Dirk van Apeldoorn (PSG), Vera Vernooij, Sanne Stroosnijder (AFSG), Marnix Poelman (ASG), Eveline van Leeuwen, Roger Cremades, Vincent Linderhof, Katherine Pittore (SSG), Food system GPT in the era of full digitalization with generative AI: Xuezhen Guo, Hannelore Heurer, Nicolo Ferreti (AFSG), Marcel Kornelis, Daoud Urdu, Koos Gardebroek (SSG), Confidence Duku (ESG);

Adios Avacado's: René Oostewechel, Josianne Cloutier, Jan Verschoor (AFSG), Janeke Grit (ASG), Trond Selnes (SSG)

Overall coordinator: Siemen van Berkum (SSG)

Background and objectives

What will our food systems look like in 2100? What is your vision on how our food systems should look like and how can those visions be achieved? These questions were the core of an open call for expression of interest to respond to. The call resulted in ten inspiring proposals each of them highlighting the challenges our EU food system currently faces in their own way and proposing creative pathways and solutions to address these challenges. Three proposals were selected to further develop their vision on a food system 2100, design scenarios and future food system narratives.

Methods applied in each future vision

A diverse, healthy and just food future for Europe applies a process of "collectively painting" (co-creating) Europe's food future, in which the process of painting is perhaps more important than the result; Food system GPT in the era of full digitalization with generative AI presents a digitilized world with federated data infrastructure and machine learning technologies to forecast food system parameters to illustrate how a fully digitilized food system can look like; Adios avocados's builds on scenario thinking, outlines the dilemmas of a utopian and dystopian scenario and, in a interactive way (in a dialogue) looks for actions to tackle the challenges and dilemmas.

The three future food system visions will be presented and discussed on November 20 (13:30-17:00) in the Atlas building, WUR Campus

Partners

The three teams consist of experts from multiple Wageningen institutes, respresenting both WR and WU branches:

<u>A diverse, healthy and just food future for Europe</u>: ESG (WEnR), PSG (DPS), AFSG (WFBR), ASG (WMR) and SSG (DSS, WEcR, WCDI);

Food system GPT in the era of full digitalization with generative AI: AFSG (WFBR), SSG (DSS, WEcR), ESG (WEnR);

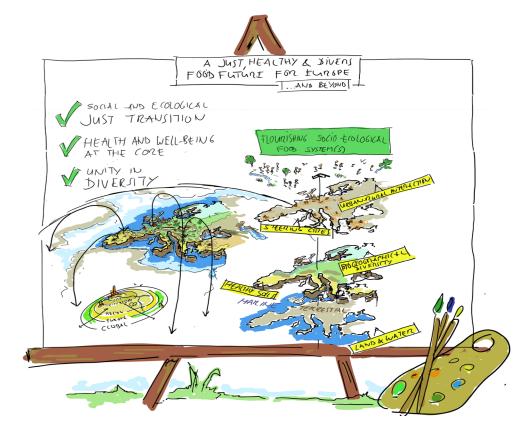
Adios Avocado's: AFSG (WFBR), SSG (WEcR), PSG (WPR)

Outcomes

The three images of the future stimulate our thoughts about how that future is shaped, how we can respond to (currently anticipated) developments and challenges, and how personal values and wishes can play a role in the choices we make

Outcomes

 A painting, video and a narrative (A diverse, healthy and just food future)



 An interactive playbook and simulations (Food system GPT)



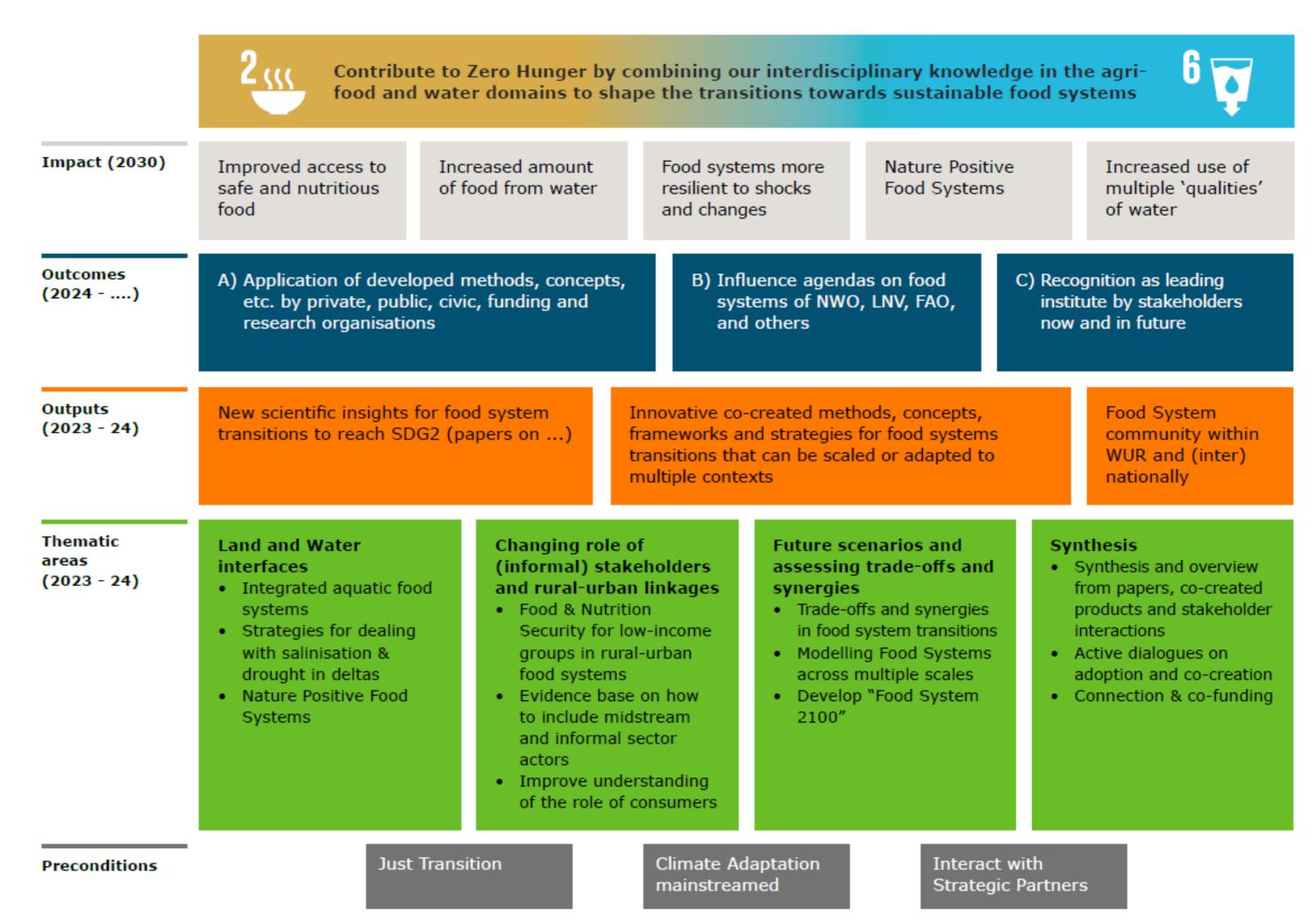
Narratives and a talkshow
 (Adios advocado's)



Link to Theory of Change KB35

This project links to the thematic area **Future scenarios and assessing trade-offs and synergie**, and its output is **to stimulate the Food System community** to out-of-the-box thinking in order to be **recognized by stakelholders as a leading institute** that has visions for the future of food systems *and* can set up actionable pathways to realize those visions

Theory of Change Food and Water Security



Wageningen University & Research