



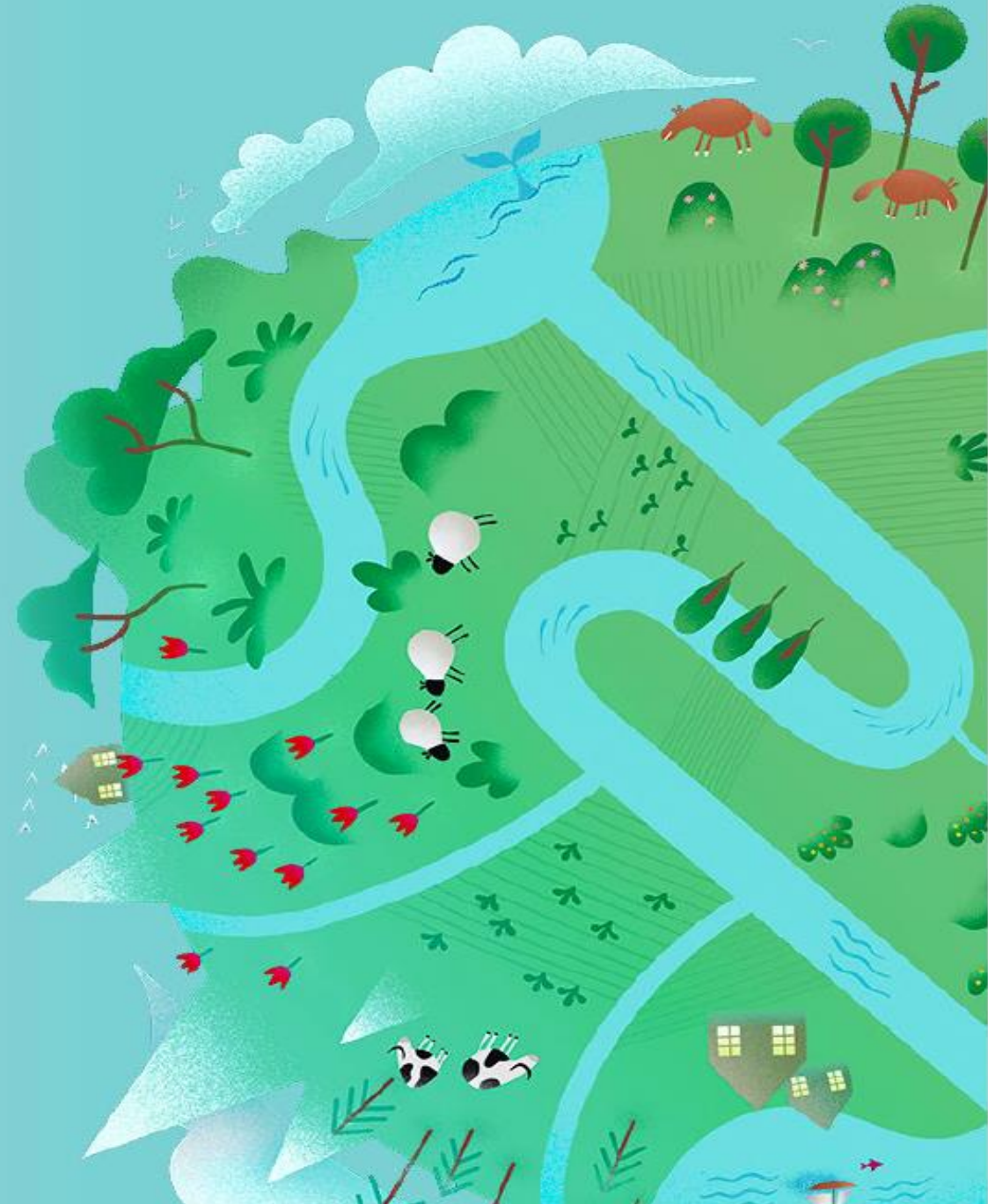
Food and Agriculture
Organization of the
United Nations

Accelerating green transformation in agrifood systems

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FAO Regional Office for Europa and
Central Asia

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Better production, better nutrition,
a better environment and a better life.



Food systems transformation is being advocated as an important priority for countries globally, and in our region



FAO STRATEGIC FRAMEWORK 2022-2031

ACCELERATORS

- TECHNOLOGY
- INNOVATION

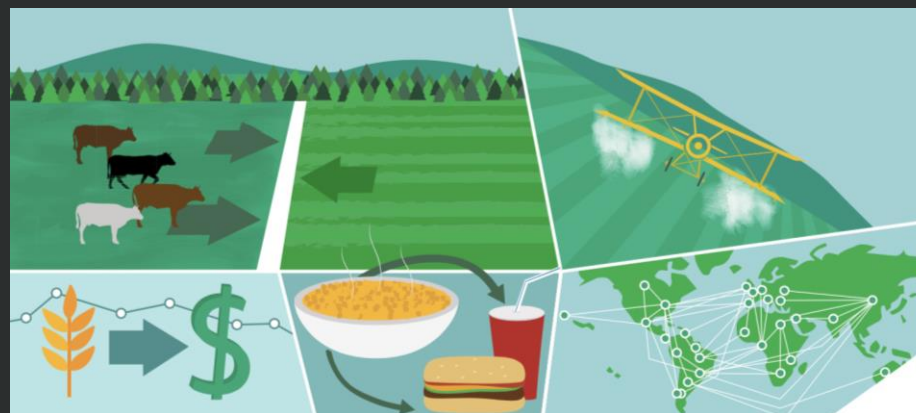
PROGRAMME PRIORITY AREAS (PPAs)



green agrifood systems

Agri-food systems in ECA region: challenges

- Increasing resource stress overexploitation, land, water,
- Unsustainable farming practices
- Loss of forests and biodiversity (42% decline)
- Land and soil degradation, soil pollution
- Greenhouse gas emissions
- Digital and knowledge inequalities



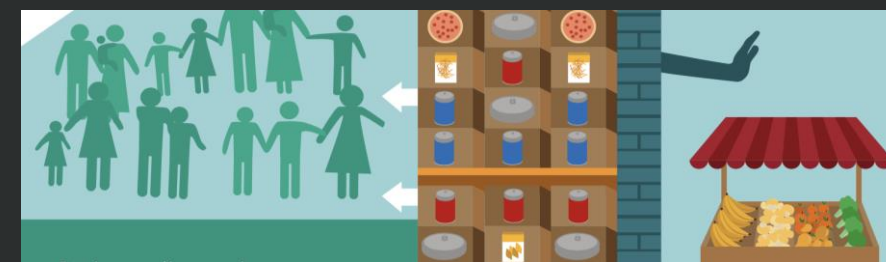
Unsustainable agrifood systems

It is a growing threat to agricultural production and ecosystem services

- Increased energy-intensity and ecological footprint associated with the lengthening and industrialization of food supply chains
- Wider distribution of **animal diseases / plant pest/ intensive use of pesticides**
- **Limited access of smallscale producers and Agri-enterprises to viable markets**
- **Food losses and waste, increased incidences of food safety, and animal and human health issues.**



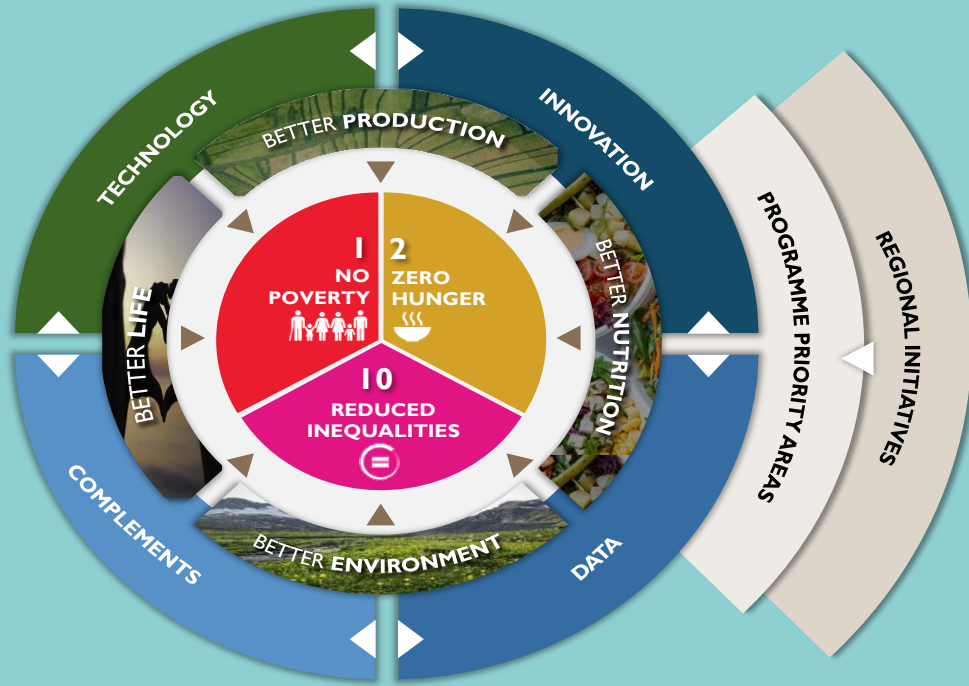
Science and innovation are essential parts of finding solutions to these complex challenges



- Increased Poverty in urban and rural areas
- Lack of access to information and education
- Lack of interest among youth for agriculture

- Food insecurity and Malnutrition
- Poor consumers excluded.....lack access to nutritious foods

STRATEGY



GENDER YOUTH INCLUSION

REGIONAL ACTION PLAN

PILLAR 1

Strengthening science and evidence-based decision-making.
Outcome 1.1 Knowledge and evidence
Outcome 1.2 Science Policy Interfaces
Outcome 1.3 Research for Development



NATIONAL

PILLAR 2

Supporting innovation and technology at regional and country level.

- Outcome 2.1 Access to and use of innovations and technologies
- Outcome 2.2 Capacities of national innovation systems

PILLAR 1

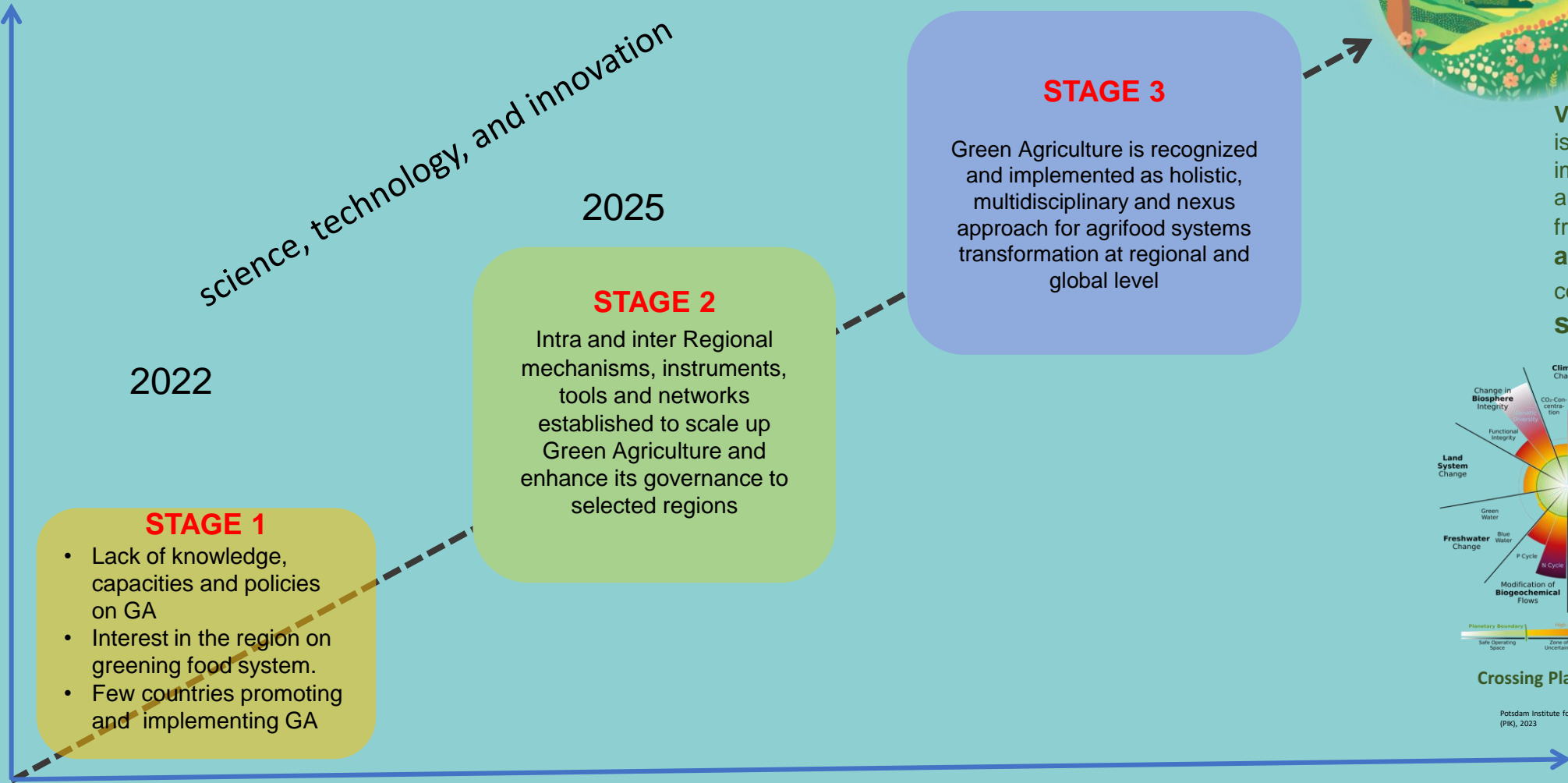
Serving Members better by reinforcing FAO's capacities.

- Outcome 3.1 Knowledge management
- Outcome 3.2 Science communication
- Outcome 3.3 FAO capacities to enable S&I



GREEN AGRICULTURE VISION

KNOWLEDGE-SHARING & CAPACITY BUILDING



2022

STAGE 1

- Lack of knowledge, capacities and policies on GA
- Interest in the region on greening food system.
- Few countries promoting and implementing GA

science, technology, and innovation

2025

STAGE 2

Intra and inter Regional mechanisms, instruments, tools and networks established to scale up Green Agriculture and enhance its governance to selected regions

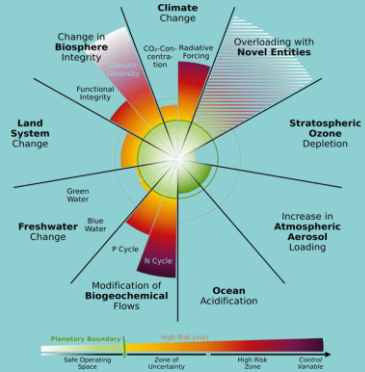
2030

STAGE 3

Green Agriculture is recognized and implemented as holistic, multidisciplinary and nexus approach for agrifood systems transformation at regional and global level



Vision: Green Agriculture is promoted and implemented as holistic, and multidisciplinary framework for greening agrifood systems, contributing to food security.







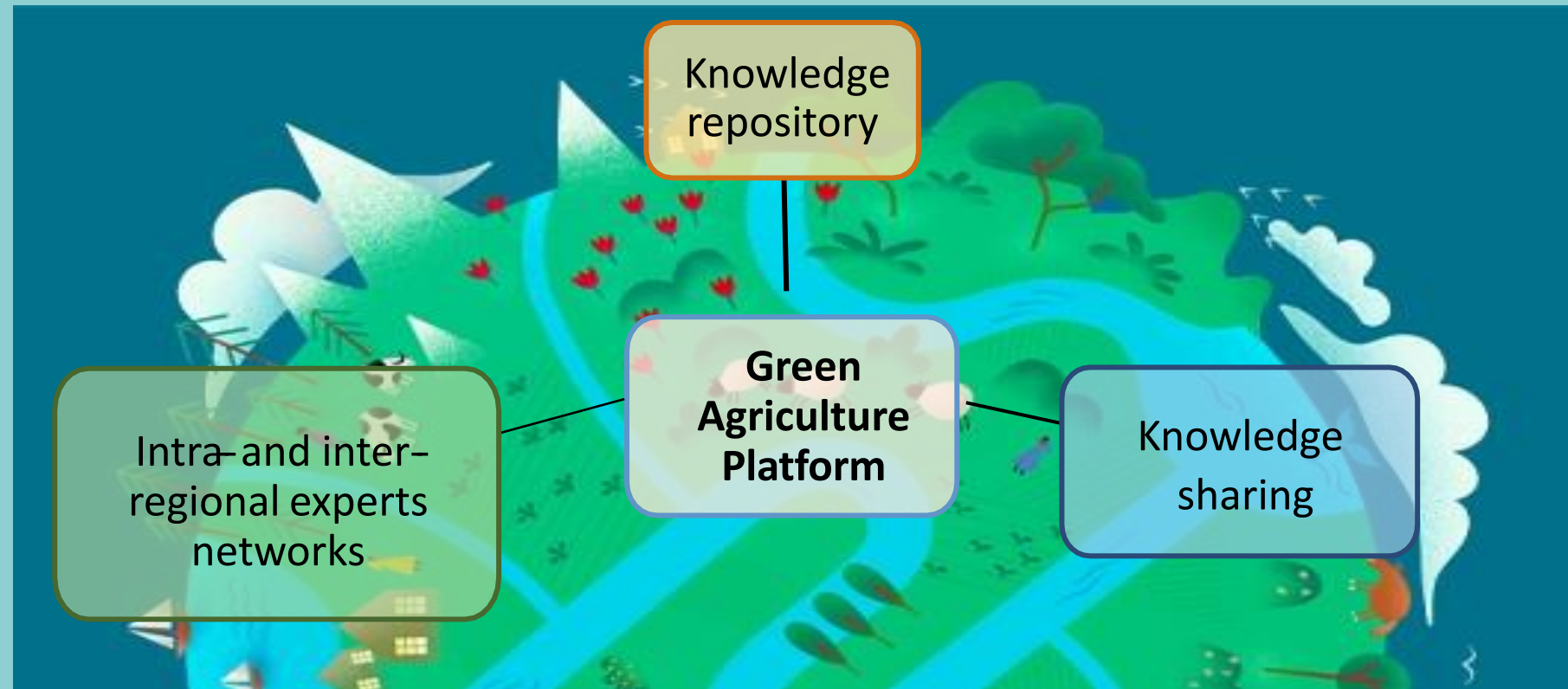
Crossing Planetary boundaries

Potsdam Institute for Climate Impact Research (PIK), 2023

GOVERNANCE AND NETWORKS

RTP on Green Agriculture - a tool for greening agrifood system

-  Digital
-  Open Access
-  User-friendly
-  Intra-and inter-regional gateway



Regional Technical Platform on Green Agriculture

About Areas of work Capacity Development Knowledge Events News Connect

Login



Regional Technical Platform on Green Agriculture

The main objective and driving force for establishing a Regional Technical Platform on Green Agriculture in Europe and Central Asia is to facilitate the sharing of knowledge within the region and among other regions on the various areas of green agriculture, with the involvement of international, national and local development partners, building on good experiences and enhancing regional and interregional collaboration.

The Regional Technical Platform on Green Agriculture provides a digital, user-friendly, open, intraregional and interregional gateway for sharing information. It is a knowledge repository that facilitates connections among expert networks regarding various technical areas related to green agriculture.

The Regional Technical Platform on Green Agriculture aims at contributing to more efficient, inclusive, resilient and sustainable agrifood systems, in line with the *FAO Strategic Framework* and under the so-called "four betters" - better production, better nutrition, a better environment and a better life - while leaving no one behind.

Read more →



Natural resources, biodiversity and green production



Green supply chain



Consumption, food loss and waste



Cross-cutting areas

Thematic areas



Climate change



Science and Innovation



Green Policies



Gender



Youth

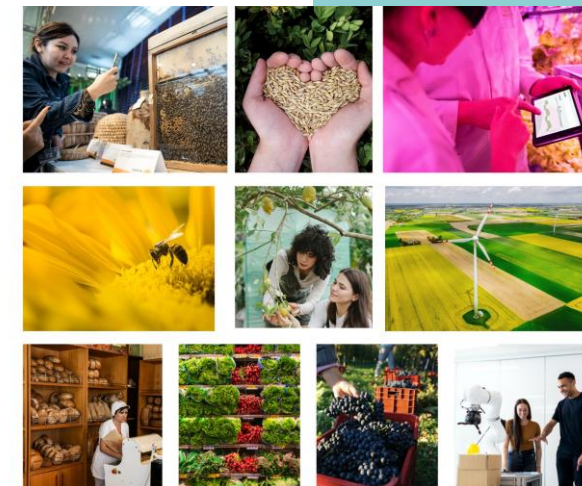


Green cities and urban food agenda

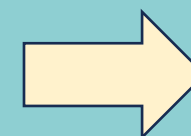


Circular bioeconomy (including plastics)

Green Practices Repository

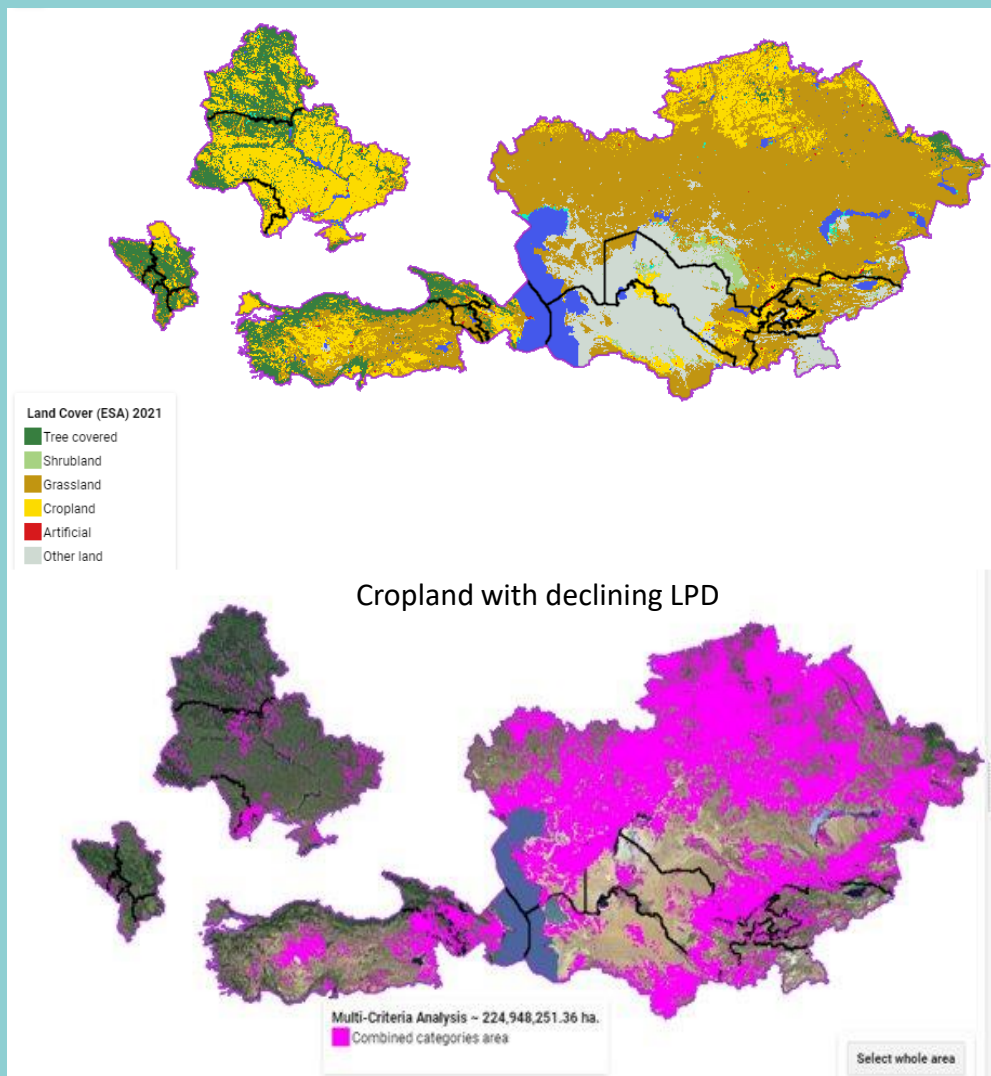


Areas of work - A food systems approach



Examples from Central Asia

1. Regional LDN Decision Support System



2. Artificial glaciers Kyrgyzstan



©FAO/Evgeniy Pechurin

3. Digital Villages Initiative & AgriTech Observatory Platform

Digital Villages



Aghali
Azerbaijan



Kochkor villages
Kyrgyzstan



Lolazor
Tajikistan



Mokro
Bosnia and Herzegovina



Novkent
Uzbekistan



Përmet
Albania



Tropoja villages
Albania

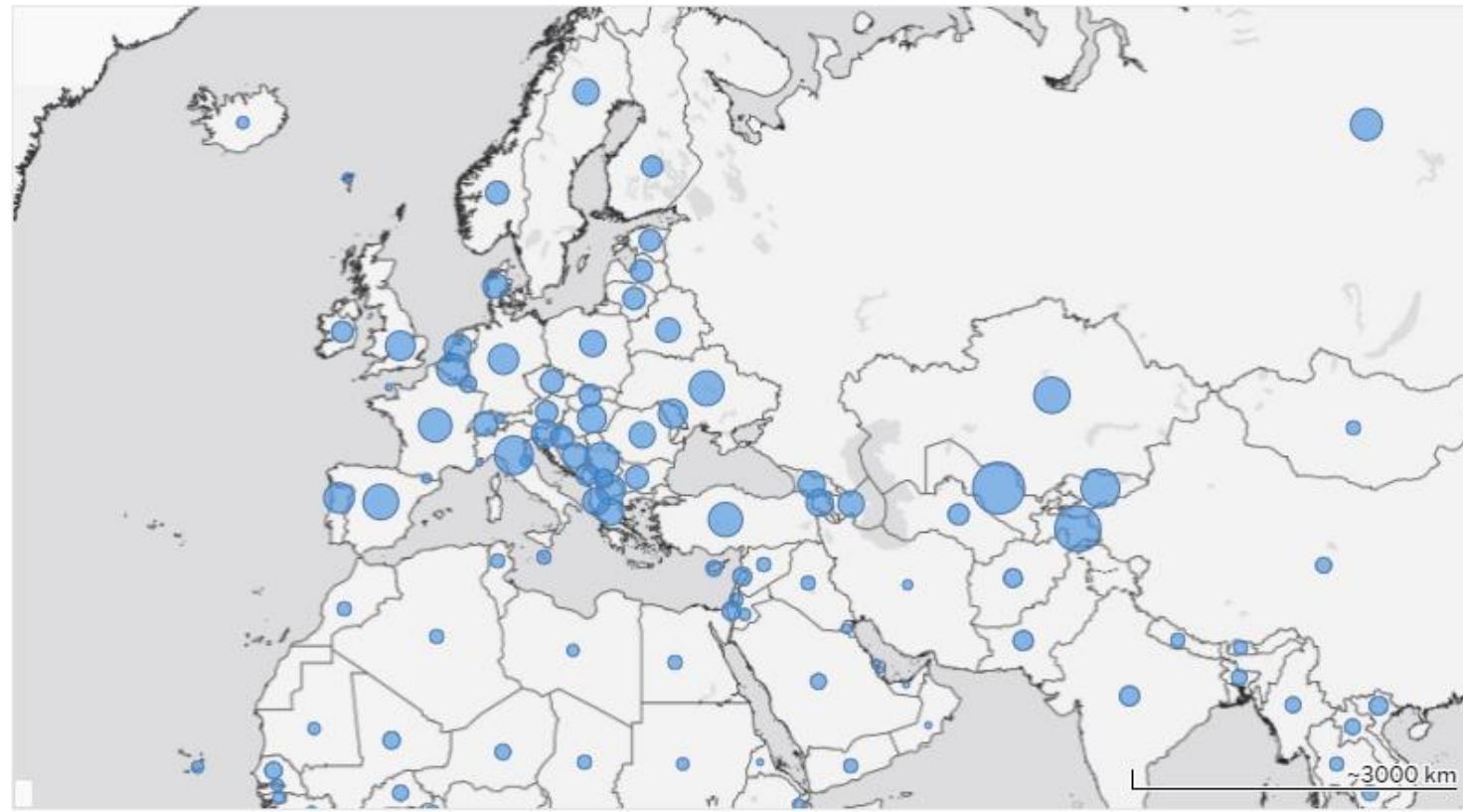


Yuksalish
Uzbekistan

215 initiatives in **208** countries or territories

Countries and territories

[Disclaimer](#)



[Digital Villages Initiative \(DVI\)](#)

[AgriTech Observatory](#)

4. Green transition in Plant Protection

- Pesticides use reduction in apple production in Türkiye
- Regional collaboration on wheat rust disease
- biocontrol to optimize grapevine production in Georgia and minimize negative environmental impacts

5. Green Finance Platform in Uzbekistan

Hub for information, resources, and opportunities related to environmentally sustainable financial practices.



6. Soil remediation technologies in Central Asia



International Conference Soil Bio-
and Phyto-remediation
Technologies



Thank you!

Green Agriculture TEAM
FAO Regional Office for Europa and Central
Asia