



Space technology for boosting nature positive production

Ecologically sustainable and economically viable food system transformation for sustainable future

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UN/AUSTRIA SYMPOSIUM:SPACE APPLICATIONS FOR FOOD SYSTEMS
Action Track 3: Boost nature-positive production

Wednesday, September 8, 2021

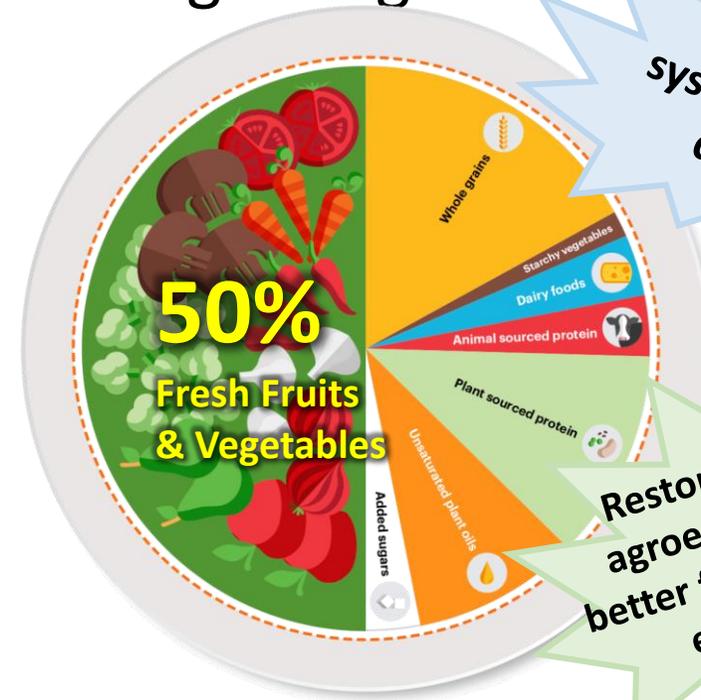
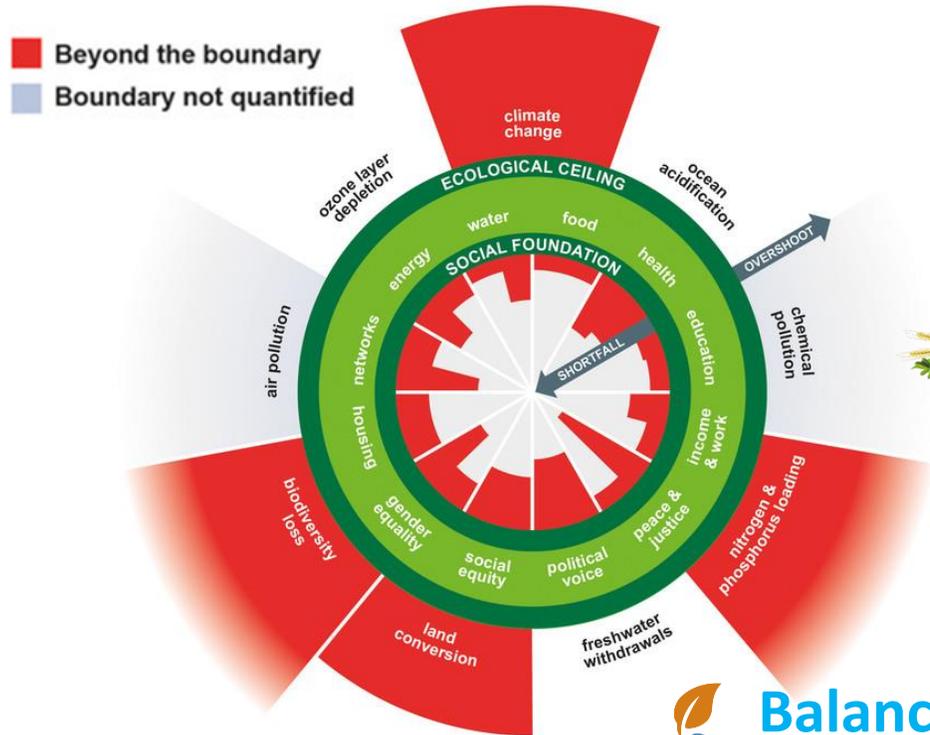


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Local Solutions for Global Challenges

We are at a crossroads in the world's food system. We cannot continue our current trajectory of consuming too little, too much, or the **wrong types of food** at an **unsustainable cost** to **natural resources, the environment, human and planetary health**. - cgiar.org



Diversified systems for diet diversity

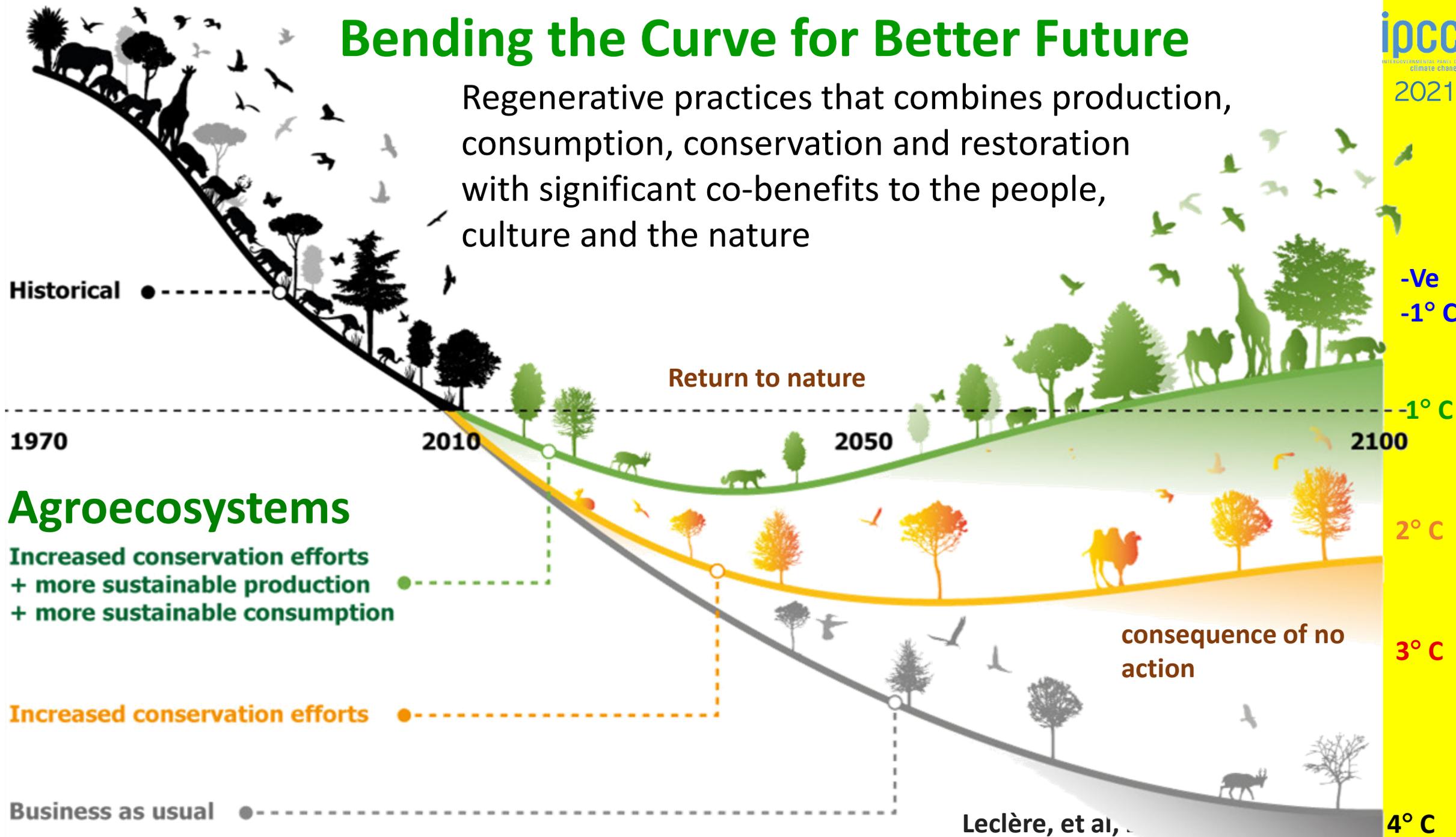
Restore functional agroecosystems-for better food, nutrition & environment

Balanced Agroecosystems
for Balanced Diets and Better Health

Recommended

Bending the Curve for Better Future

Regenerative practices that combines production, consumption, conservation and restoration with significant co-benefits to the people, culture and the nature



Degenerative to Regenerative

Dead soil

**Droughts
Degradation
Desertification**

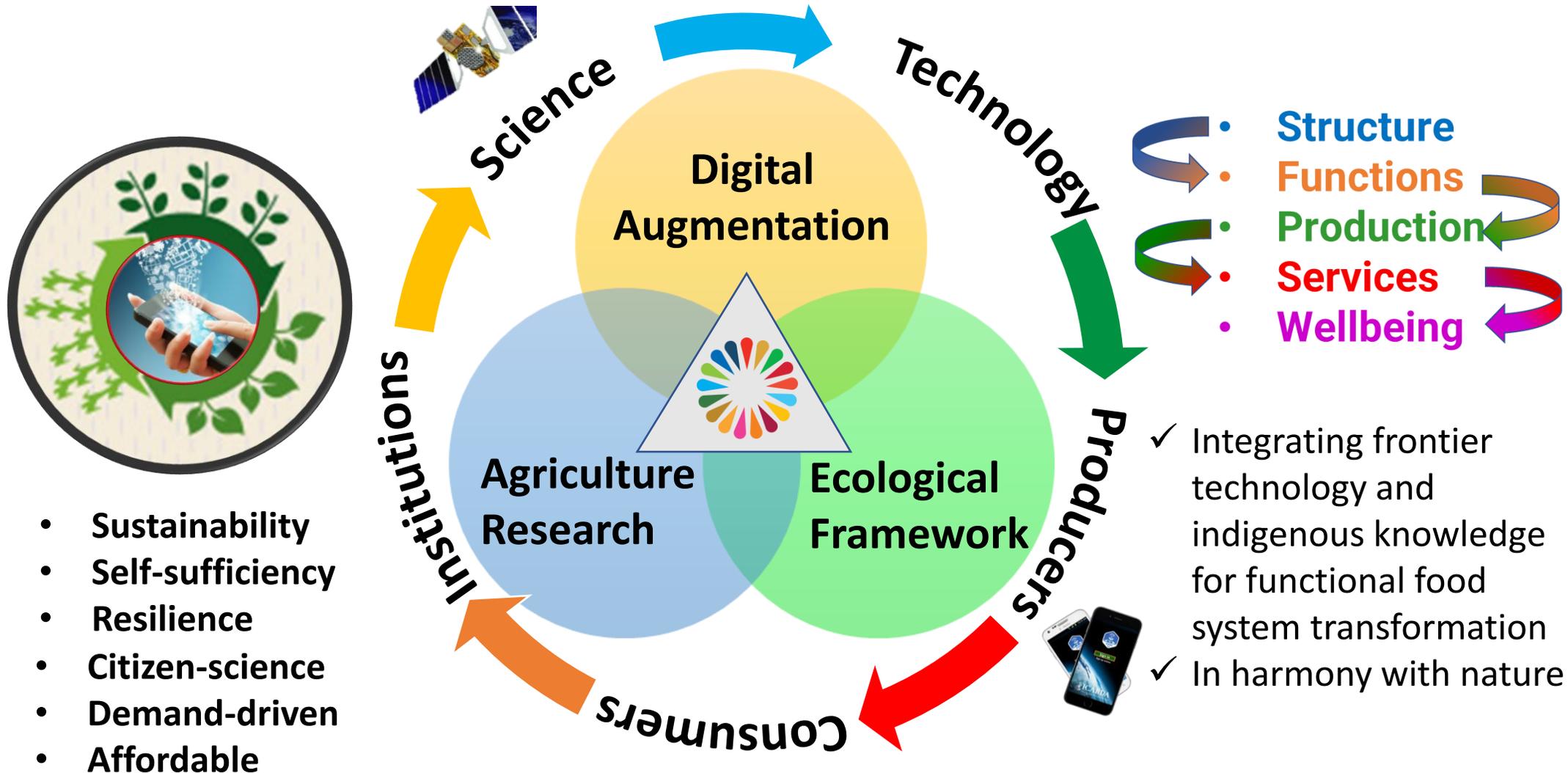
Floods

Return to functional agroecosystems



Excellence in Inclusive Agroecosystems

Nature based solutions for agroecological research and outreach



Restoring Nature Positive Functional Production

GeoAgro Pro features – GeoAgro x +

geoagropro.icarda.org/geoagro-pro-app-features/

ICARDA Science for resilient livelihoods in dry areas

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GeoAgro Pro features

GEOAGRO PRO
Farmers & Advisors work smarter

GeoAgro Pro is a agroecology driven digital augmentation platform for accelerating sustainable intensification with a bimodal digital agricultural advisory for targeting site-specific interventions.

The GeoAgro Pro is designed to empower farmers, agricultural cooperatives, and extension agents for on-farm data collection and disseminating in-season advisory services to target site-specific technology interventions for sustainable intensification. [Download app now from play store](#)

Precision agriculture made simple, accessible, affordable and scalable

Features

Satellite Advisories

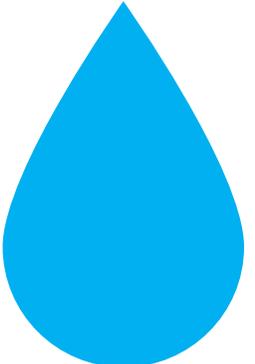
Get real-time farm potential, crop health, soil moisture, nutrients status- nitrogen, phosphorus, levels for your farmland

Geo tag your land

Geotag your farmland to know its worth for its location to get real-time satellite advisory and digital assistance

Farm Activity

For each crop, you can add day-to-day Farm Activity such as sowing, irrigation, fertilization, weeding, etc.



Water



Nutrients



Rotation

Production follows functions

Let's leverage technology, ecology, diversity and local intelligence to restore regenerative agroecosystems for healthy living and planetary health



Diversified landscapes for health and welfare !

Citation: Biradar, C. 2021. Space technology for boosting nature positive production: ecologically sustainable and economically viable food system transformation for sustainable future. In UN/Austria symposium: space applications for food systems Action Track 3: Boost nature-positive production. September 8, 2021, Austria.

Thank You
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