

Just transition principles and criteria for food systems and beyond

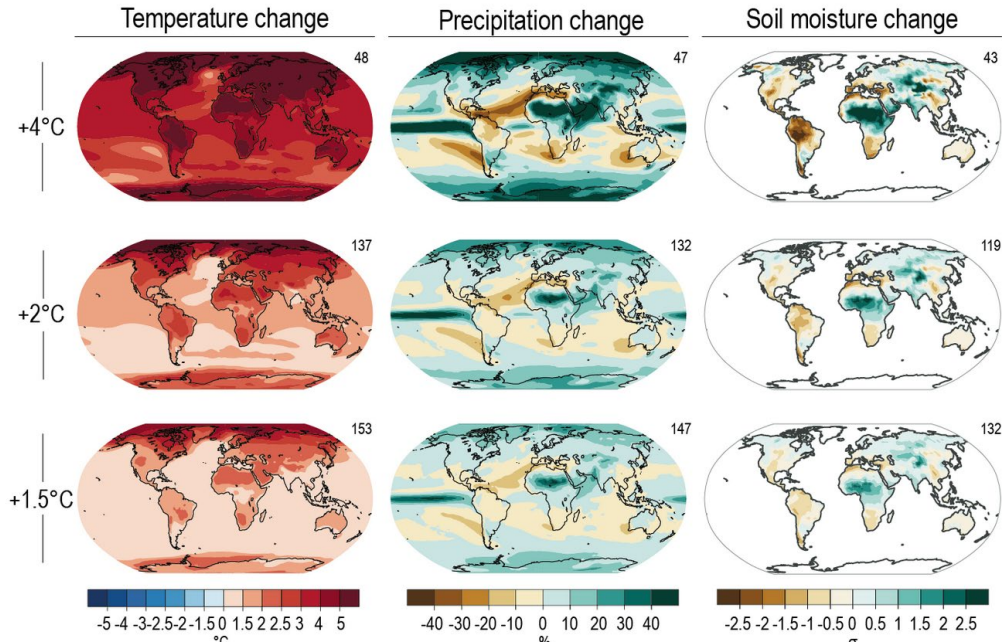
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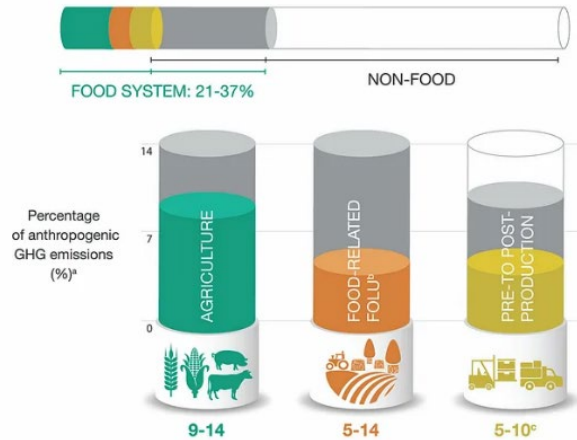


Climate change

(b) Patterns of change in near-surface air temperature, precipitation and soil moisture



Global greenhouse gas emissions from the food system



Data source: Climate Change and Land: an IPCC special report on climate change, desertification, land degradation, sustainable land management, food security, and greenhouse gas fluxes in terrestrial ecosystems

^aComputed using a total emissions value for the period 2007-2016 of 52 GtCO₂-eq per year

^bForestry and Other Land Use

^cRounded to nearest fifth percentile due to assessed uncertainty in estimates

Land use and land use changes



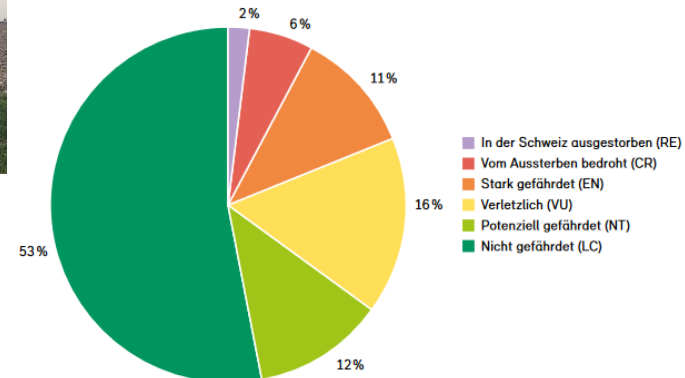
Maluf 2019



Own picture 2023

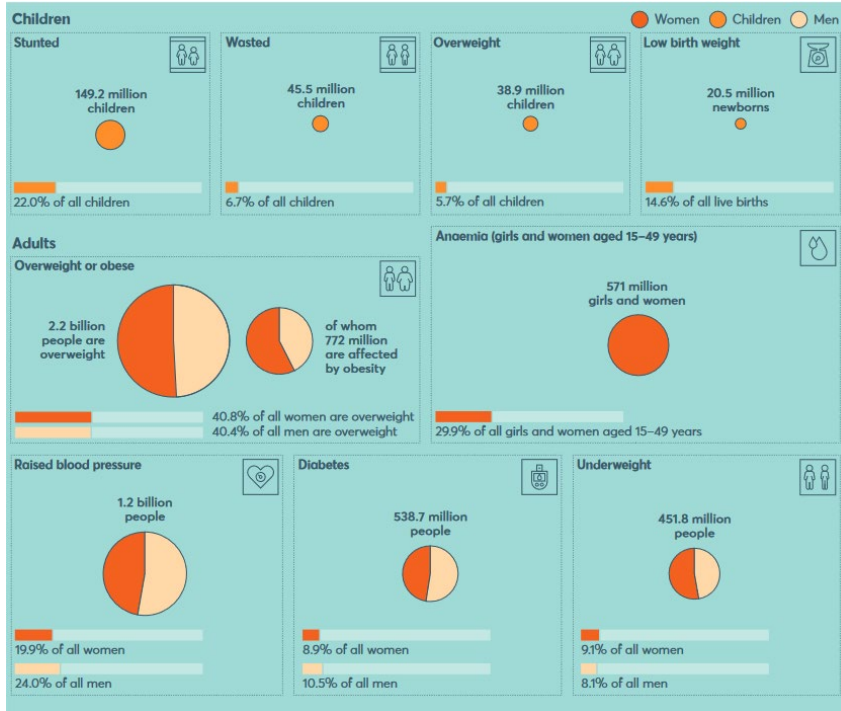
Abb. 2: Anteil der Arten pro Rote-Liste-Kategorie in der Schweiz

Arten, die in die Kategorien CR, EN und VU eingestuft wurden, gelten als gefährdet.



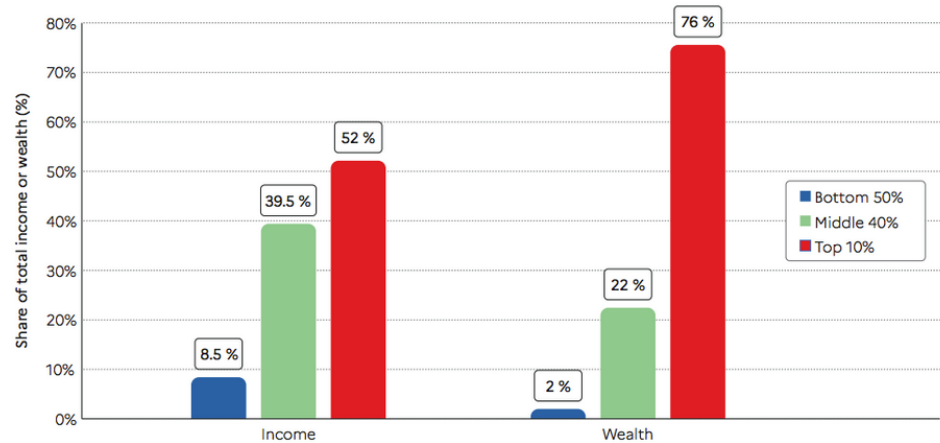
Quelle: BAFU

Food and nutrition security and inequality



2021 Global Nutrition Report

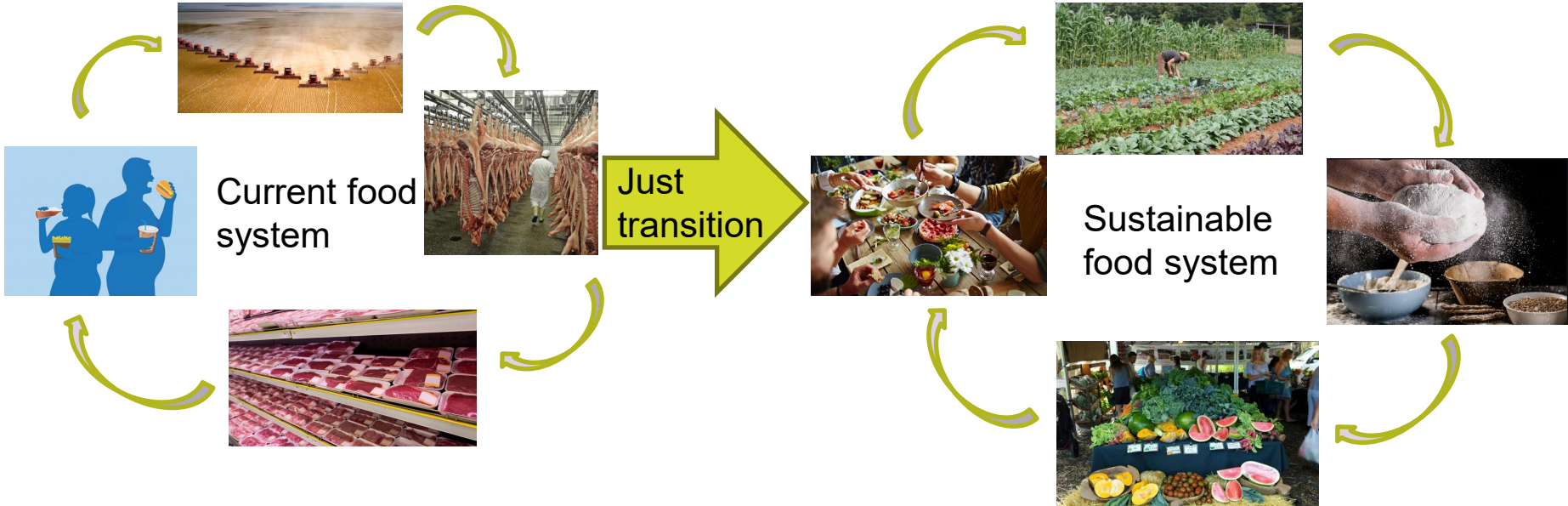
Figure 1 Global income and wealth inequality, 2021



Interpretation: The global 50% captures 8% of total income measured at Purchasing Power Parity (PPP). The global bottom 50% owns 2% of wealth (at Purchasing Power Parity). The global top 10% owns 76% of total Household wealth and captures 52% of total income in 2021. Note that top wealth holders are not necessarily top income holders. Incomes are measured after the operation of pension and unemployment systems and before taxes and transfers. **Sources and series:** wir2022.wid.world/methodology.

Just transition in food systems

How to conceptualise it?



Principles and criteria for just transition

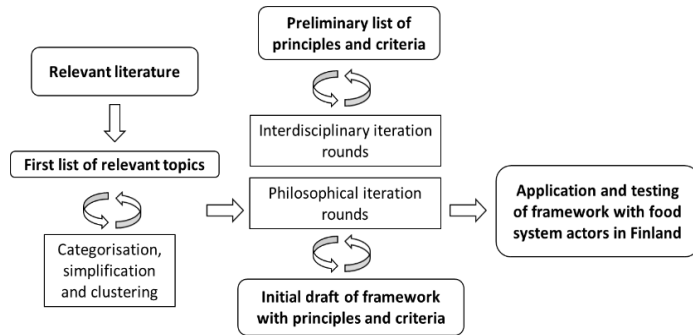
Definition of just transition: Low-carbon transition towards sustainable, healthy and fair food systems

- Criteria that help to guide the direction of transition based on fundamental principles of justice
- How can one tell if a particular mitigation process, pathway, or policy is just, why, and for whom?
- How to make sense of competing claims for justice?

Literature that inspired us

- The right to food
- Fair distribution of income, value and innovation in the food chain
=> resilience, agroecology, food sovereignty and food justice
- Environmental justice and ecological justice
- Social justice theories
- Capabilities approach

Principles and criteria for just transition



13 principles and 28 criteria for just transition in food systems



E.g. criteria cosmopolitan justice:

- Decarbonizing activities do not cause food insecurity and
- Decarbonizing activities respect the participatory control over and access to productive resources elsewhere in the world.

Commoning food systems – possible relations to the framework

Traditional irrigation

- Gravitation and infrastructure
- Specific structures and institutions
- Specific knowledge and cultural practices
- Community-based, sustainable, adaptable, energy-independent and biodiversity-minded water supply

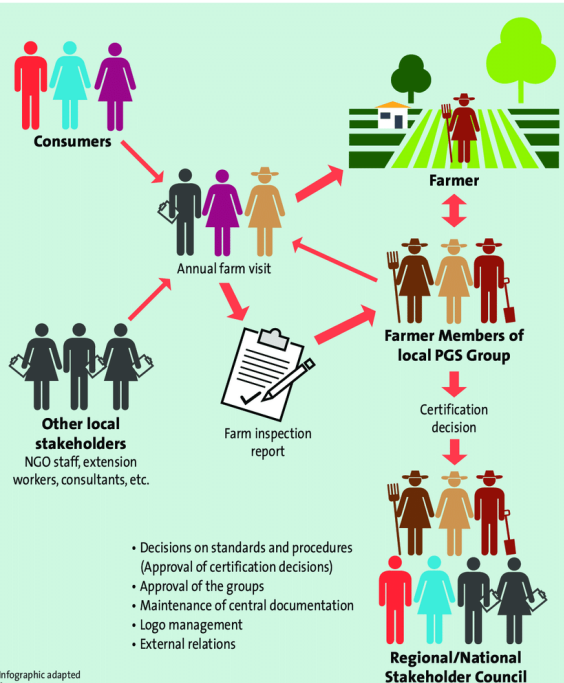


Photo: Karina Liecht

Commoning food systems – possible relations to the framework

Participatory guarantee system

- Collective management, control and support for organic agriculture
- Credibility and trust
- Replacing expensive labels



Thank you!

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<https://www.cde.unibe.ch/>

<https://justfood.fi/en-US>

