

Policy Officer for Sustainable Food Systems

2nd June 2023

Who we are

The EEB is Europe's largest network of environmental citizens' organisations

Our 180 members from 38 countries have more than 30 million individual supporters.

We have over 40 years of EU environmental policy expertise.

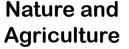
Our work areas



Climate









Circular **Economy**



Economic Transition



European Institutions and Governance



Global and Regional **Policies**



Health and **Environment**



Environmental Law and **Justice**

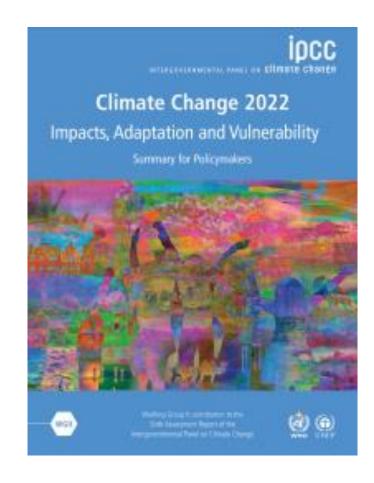


Climate impacts on food systems

What the IPCC says

"Global warming, reaching 1.5°C in the near-term, would cause unavoidable increases in **multiple climate hazards** and present multiple risks to ecosystems and humans."

"Climate change impacts and risks are becoming increasingly complex and more difficult to manage. Multiple climate hazards will occur simultaneously, and multiple climatic and non-climatic risks will interact, resulting in compounding overall risk and risks cascading across sectors and regions."



Climate impacts

In sum:

- 26% of total damage and losses from climate-related disasters: from within the agricultural sector
- Risks are multiple and increasing. The risk of simultaneous crop & other failures is increasing
- 3. Urgent action on cutting biodiversity loss, GHG emissions and increasing carbon removals is crucial to limit those risks
- 4. We need to adapt but there are limits to adaptation



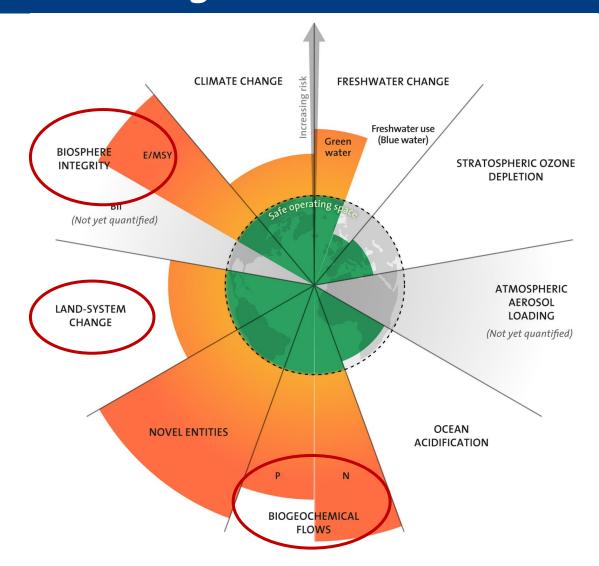
Food systems' impacts on climate and biodiversity

Food system impacts

An overview:

- 1. Food systems are responsible for **one third** of GHG emissions globally
- 2. Agricultural land-use change and unsustainable land management are the main drivers of biodiversity loss
- 3. Intensive industrial livestock farming concentrates environmental pressures in small areas, with dire impacts on ecosystems & human health

Planetary boundaries

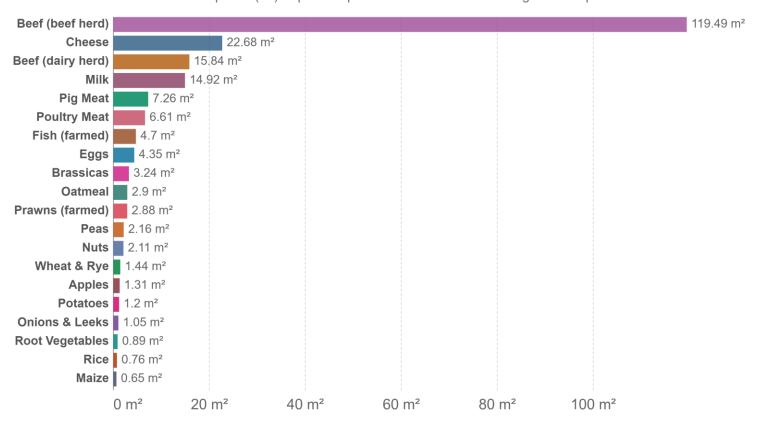


Land use

Land use of foods per 1000 kilocalories

Our World in Data

Land use is measured in meters squared (m²) required to produce 1000 kilocalories of a given food product.



Source: Poore, J., & Nemecek, T. (2018). Additional calculations by Our World in Data.

Note: The median year of the studies involved in this research was 2010.

OurWorldInData.org/environmental-impacts-of-food • CC BY

...again from the IPCC

"While agricultural development contributes to food security, unsustainable agricultural expansion, driven in part by unbalanced diets, increases ecosystem and human vulnerability and leads to competition for land and/or water resources".

Not only about production!

Making our food system socially and environmentally sustainable requires addressing current consumption patterns.

- 1. 13 M EU citizens face acute to severe food insecurity
- 2. Diets lead cause of non-communicable diseases (NCDs) = 90% of all premature deaths in the EU

3. Food environments:

- a) currently enable unhealthy and unsustainable dietary choices
- b) are disproportionately shaped by a few, increasingly powerful actors in the middle of the supply chain



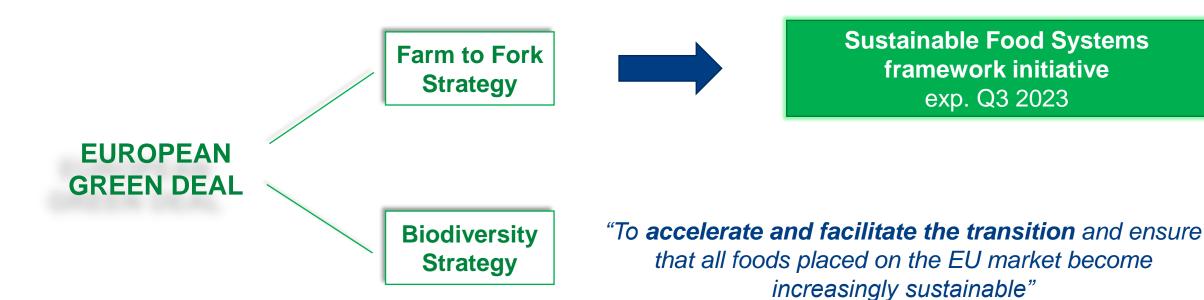
Why is now a good time for the EU to act?

What's the solution?

How to tackle these cross-cutting and mutually-influencing issues?

- Integrated legal and political action to initiate a just transition to healthy and sustainable food systems
- 2. Corresponding coordinated legal and political action to properly tackle the drivers of the biodiversity and climate crises
- Involvement of all relevant stakeholders at every level of governance

What are the opportunities?



"This will promote <u>policy coherence</u> at EU and national level, mainstream sustainability in <u>all food-related policies</u> and strengthen the <u>resilience</u> of food systems."

European Environmental Bureau

eeb.org

Thanks for listening!

Keep in touch

- Isabel.paliotta@eeb.org
- @Green_Europe
 - @EuropeanEnvironmentalBureau





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