# Bioeconomy and Nature - Ecology of a bioeconomy -

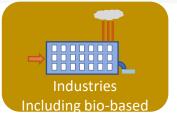
Nicolas Robert / European Bioeconomy Scientific Forum 2023 / Sept. 7, 2023



#### Main pressures on Europe's nature

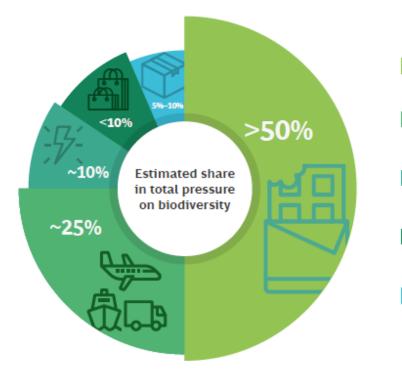


Source: EEA report No 10/2020: State of Nature





#### From a consumption perspective

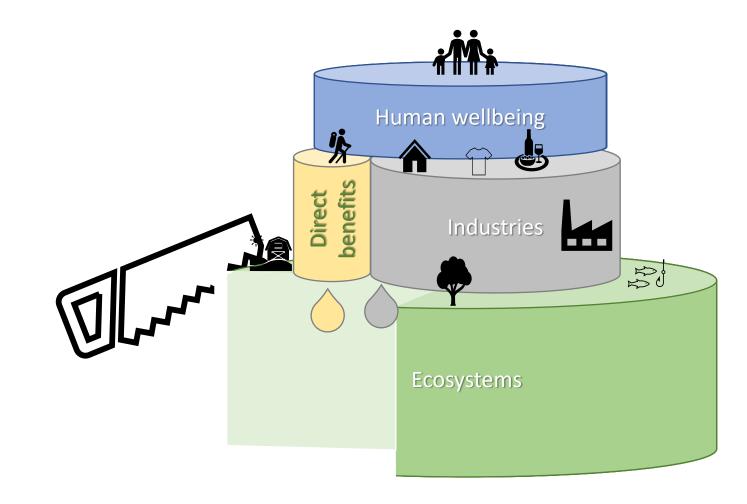


- Food and beverages, including packaging
- Infrastructure and mobility, including housing, public infrastructure, and vehicles
- Energy, including fuels, power, and other commodities
- Fashion and related FMCG, including luxury goods
- All other, including pharma, cosmetics, and consumer electronics

Source: Kurth et al 2021

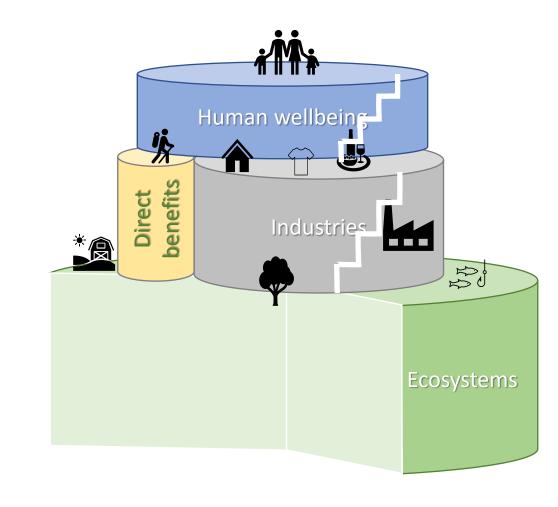


## Ecosystems supporting human wellbeing



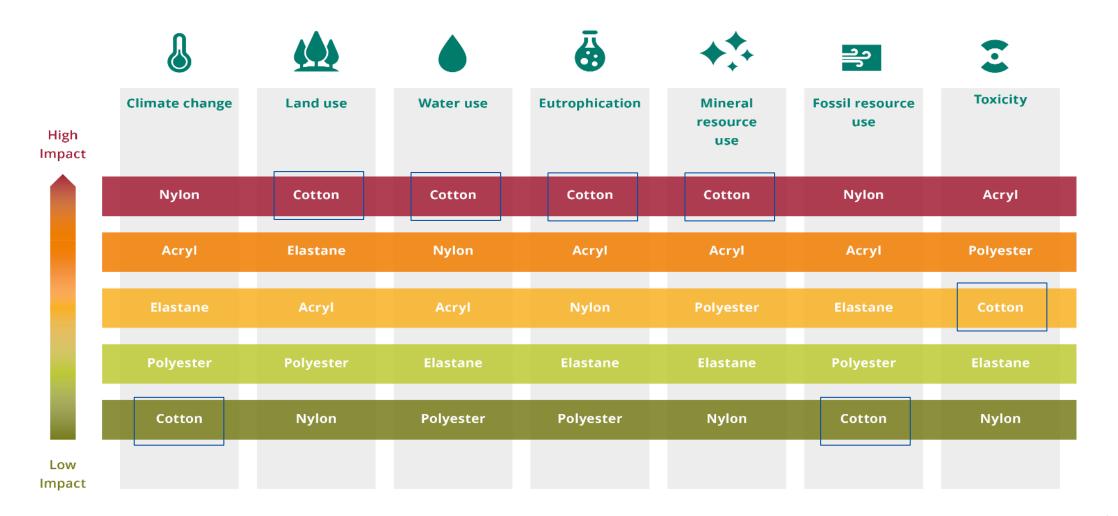
European Environment Agency

#### Ecosystems supporting human wellbeing... so far



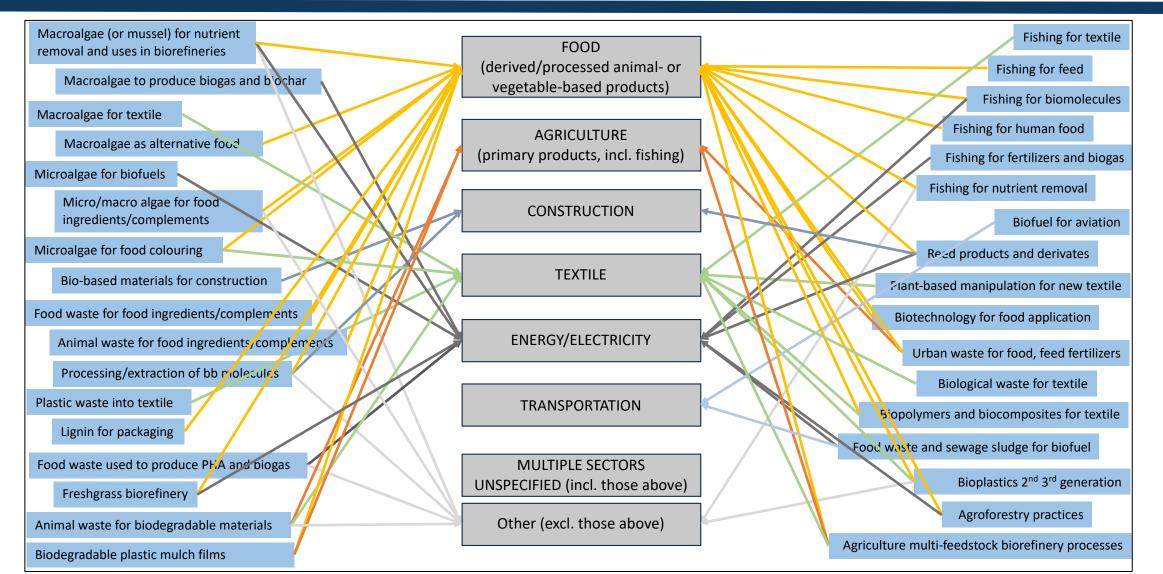


## Bio-based is not always better!



European Environment Agency

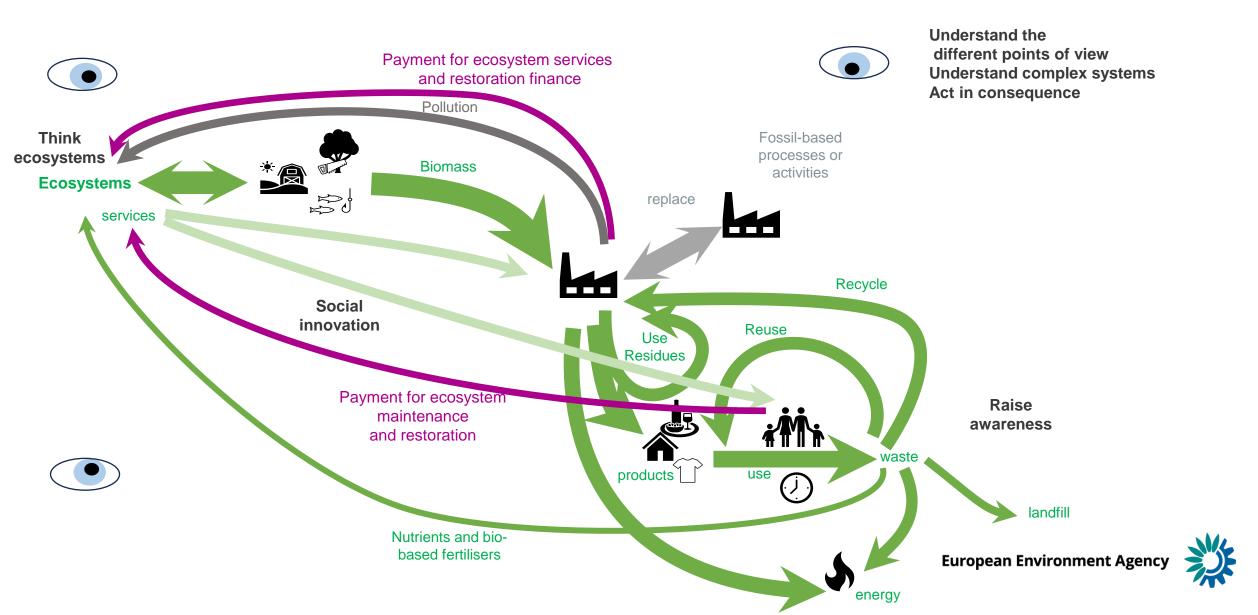
# The bioeconomy provides solutions



Mancini et al. Bioeconomy and bio-based innovations: identifying key levers for delivering the EU Green Deal targets /ETC BE draft report 2023



## The bioeconomy: positive feedback to ecosystems needed!



# Thank you

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