



#IPBES7

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Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services



Food and Agriculture
Organization of the
United Nations





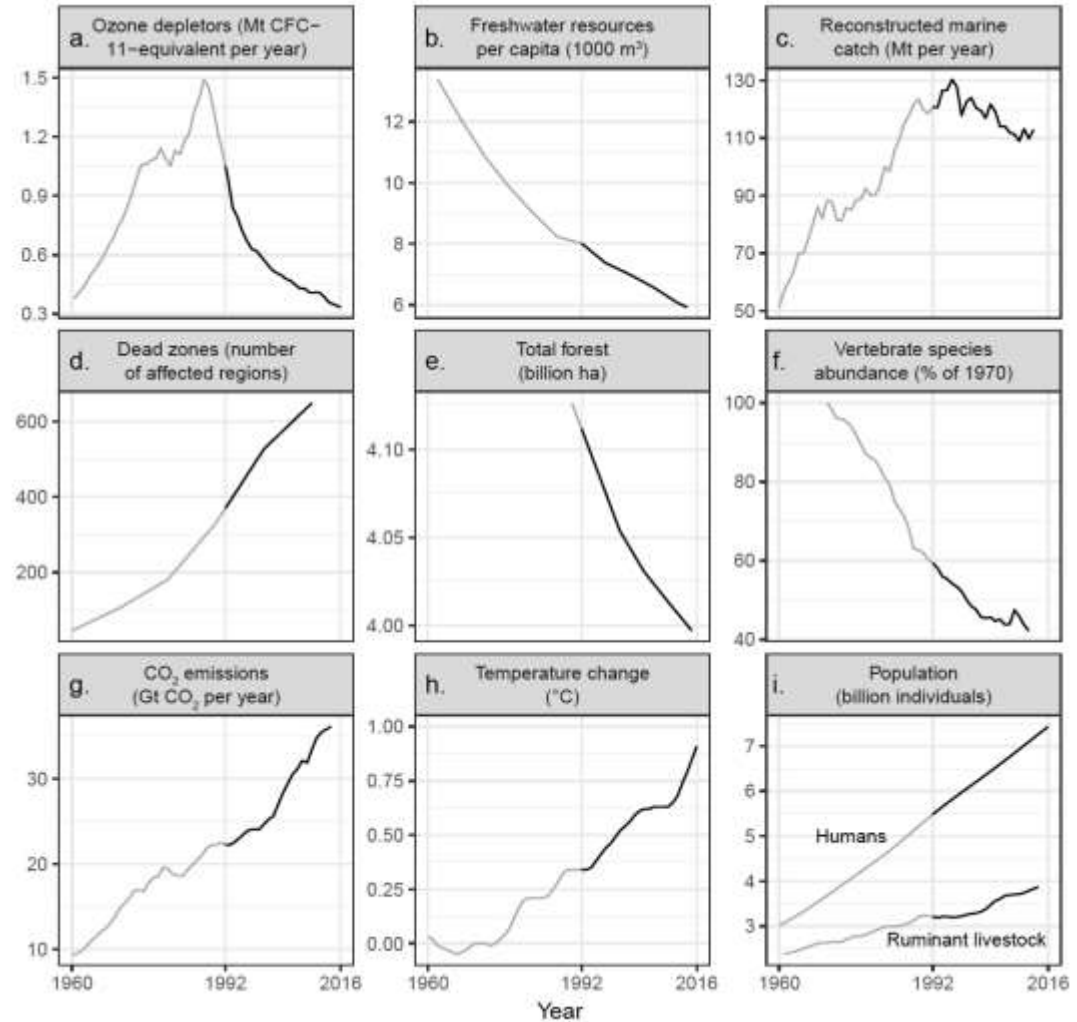
Nature is being degraded at a rate and scale unprecedented in human history

- 75% of the **land** surface is significantly altered by human actions
- >85% of **wetlands** have been lost
- Only 13% of **oceans** can still be viewed as wilderness

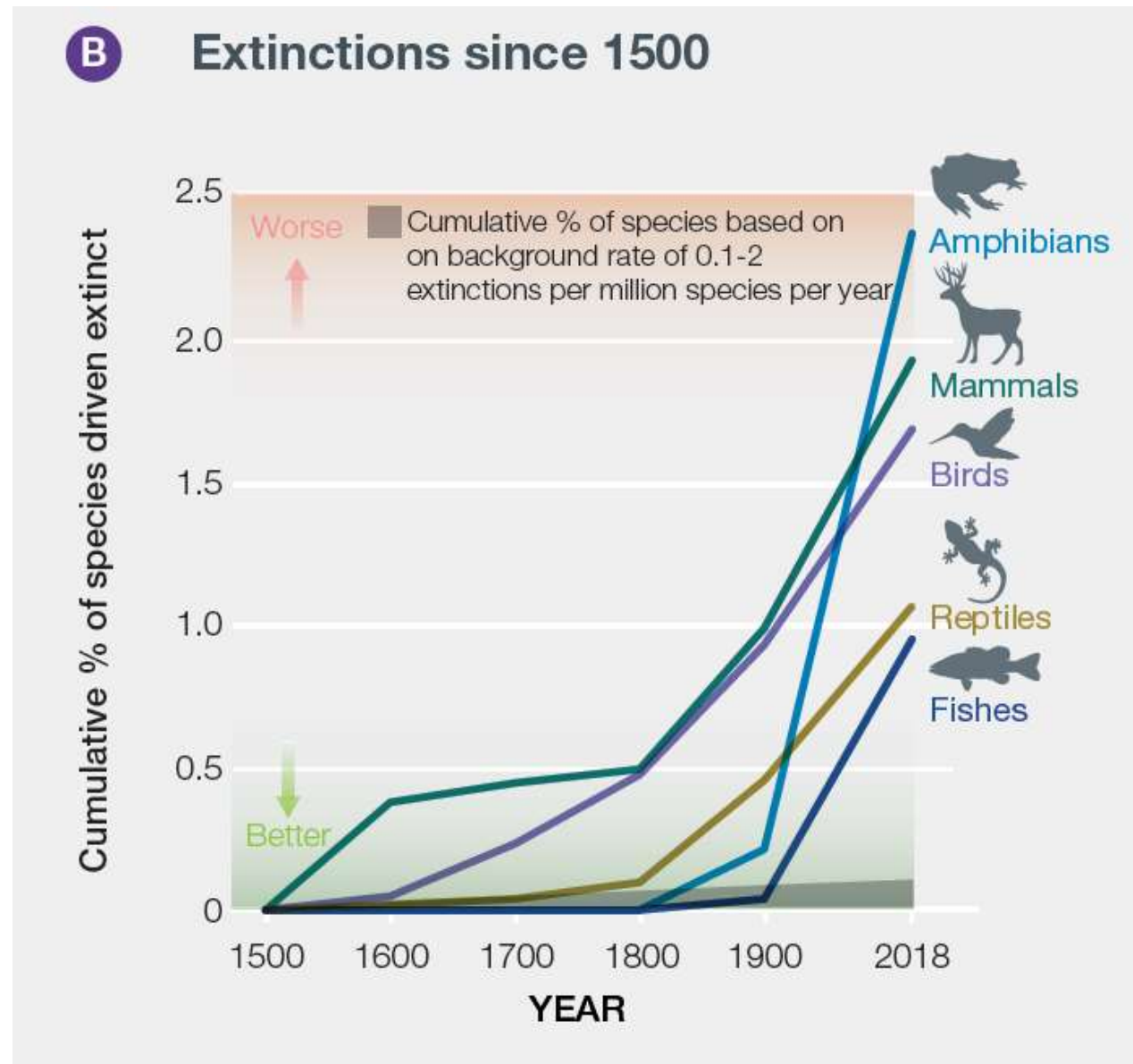
World Scientists' Warning to Humanity: A Second Notice

WILLIAM J. RIPPLE, CHRISTOPHER WOLF, THOMAS M. NEWSOME, MAURO GALETTI, MOHAMMED ALAMGIR, EILEEN CRIST, MAHMOUD I. MAHMOUD, WILLIAM F. LAURANCE, and 15,364 scientist signatories from 184 countries

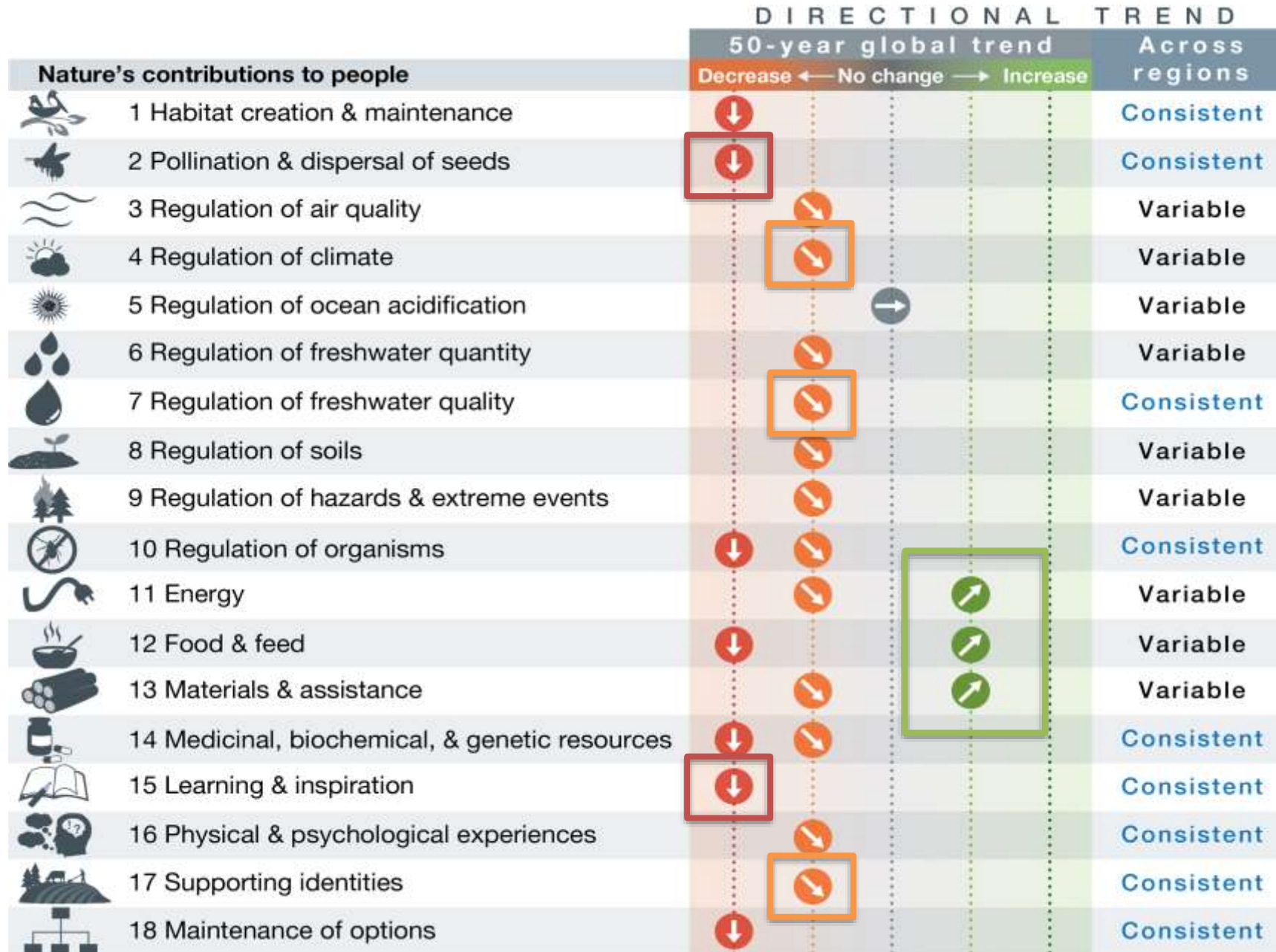
We are not yet bending environmental curves



More species of plants and animals are threatened with extinction now than at any other time in human history



Nature's contributions to people are deteriorating worldwide

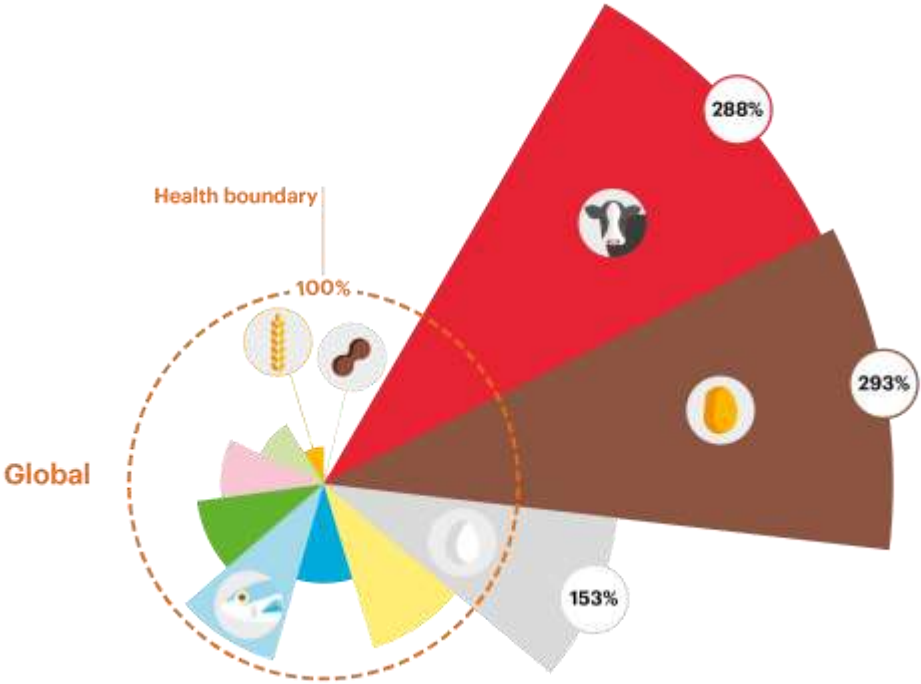
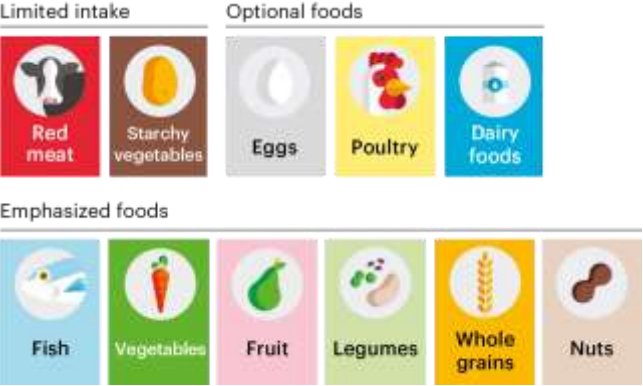


Target 1 – Healthy Diets

2500 kcal/day



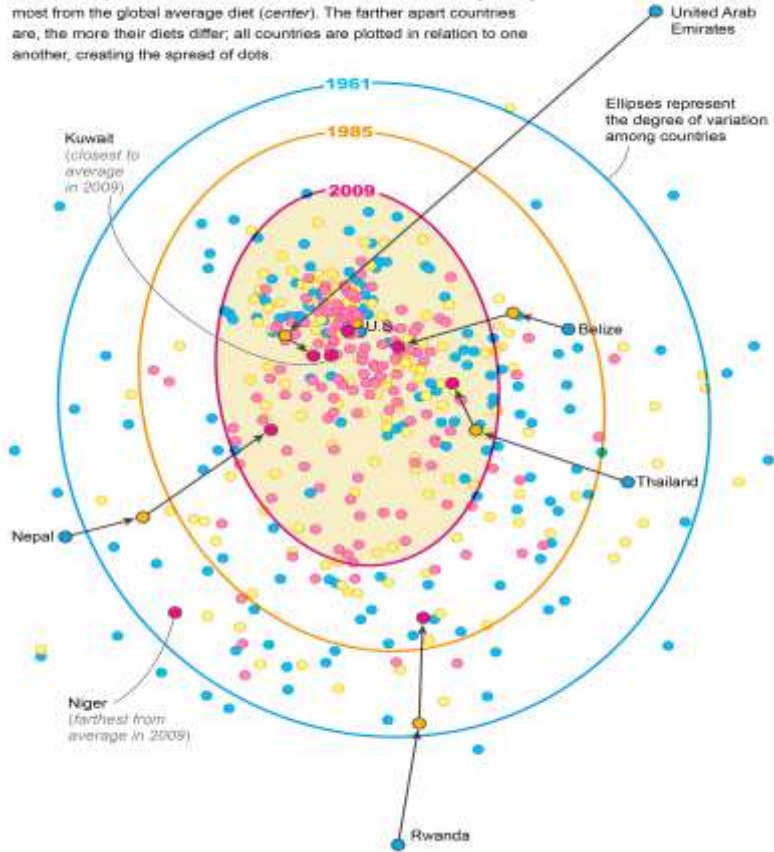
Current Intakes vs Planetary Health Diet



National food supplies are homogenizing

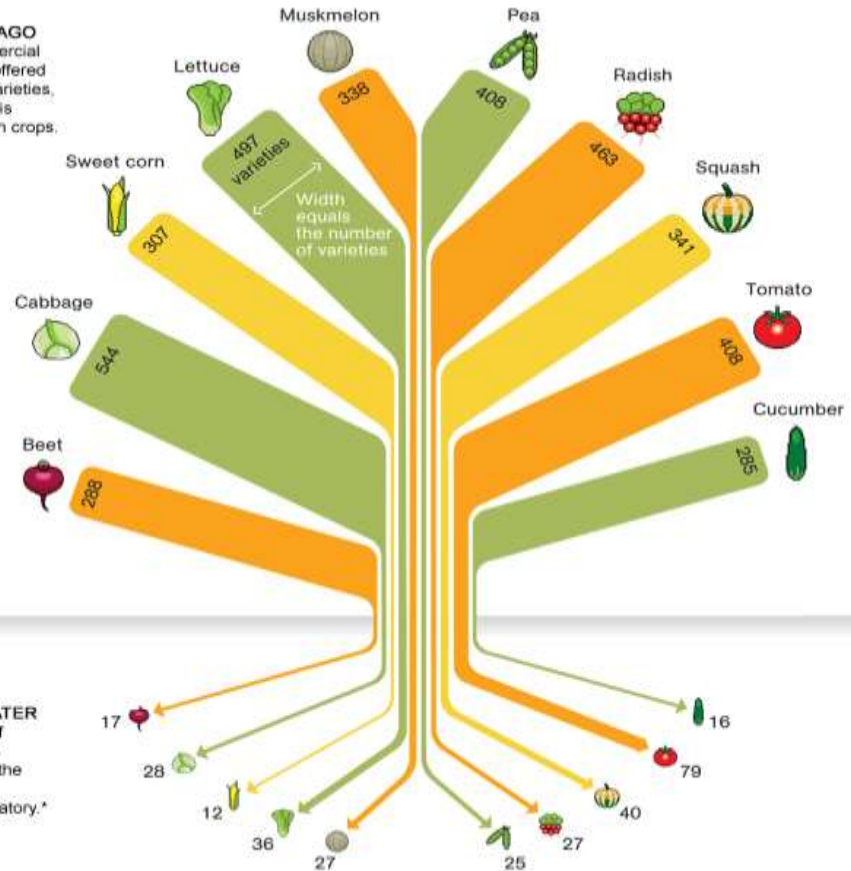
What the Dots Mean

Each dot represents the number of different crops consumed in a country and in what quantities, measured in calories. Countries at the edges vary most from the global average diet (center). The farther apart countries are, the more their diets differ; all countries are plotted in relation to one another, creating the spread of dots.



Biodiversity is declining

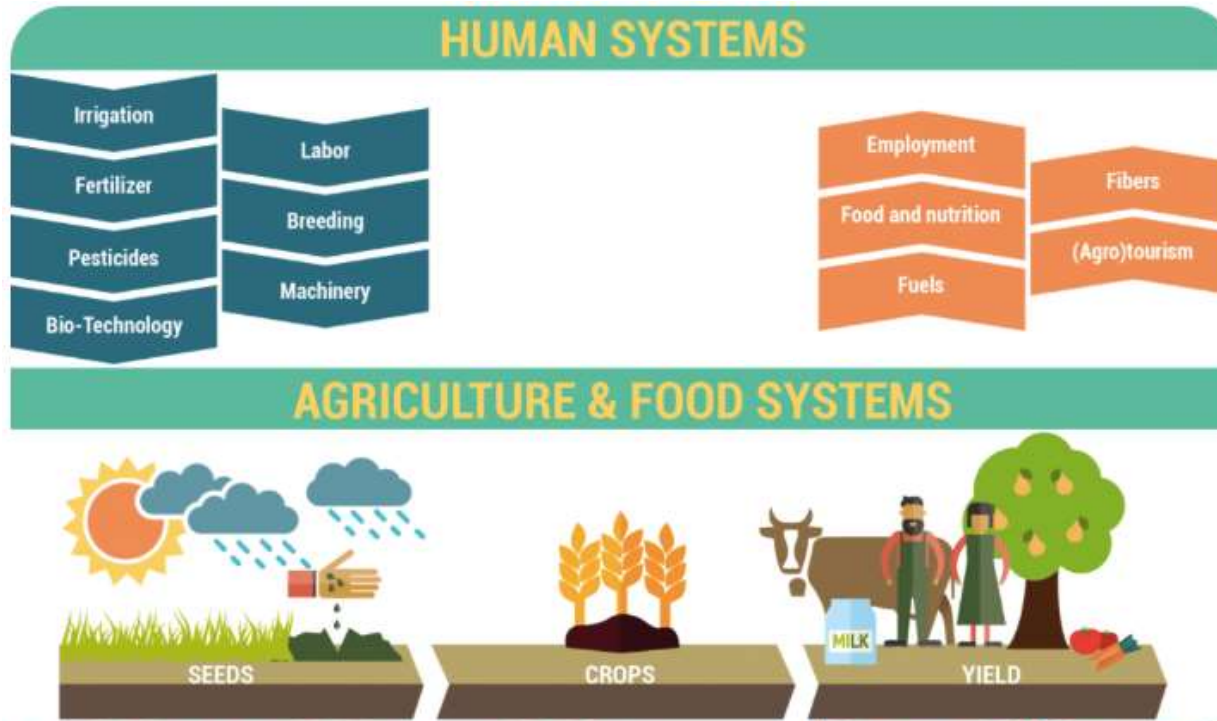
A CENTURY AGO
In 1903 commercial seed houses offered hundreds of varieties, as shown in this sampling of ten crops.



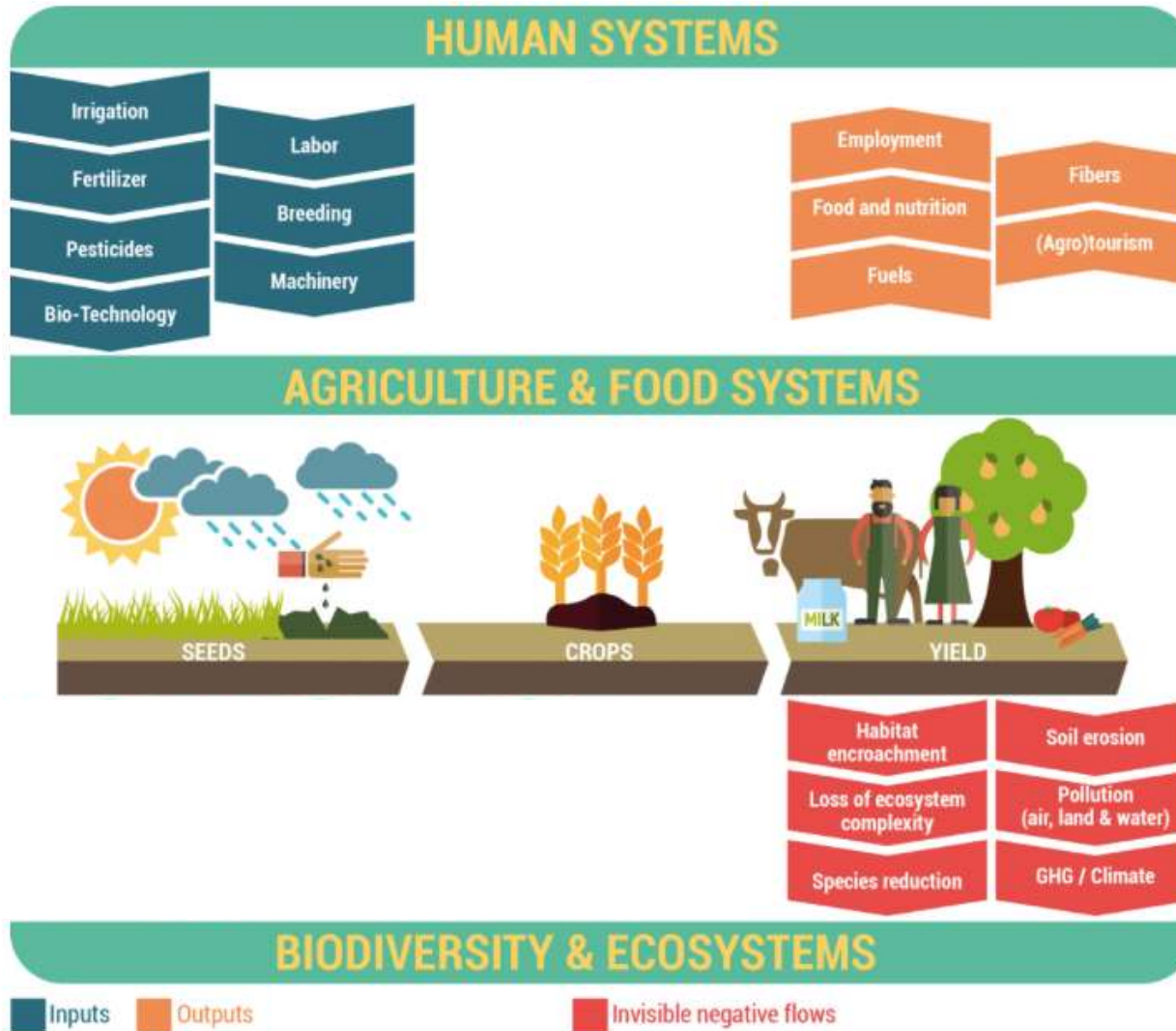
80 YEARS LATER
By 1983 few of those varieties were found in the National Seed Storage Laboratory.*

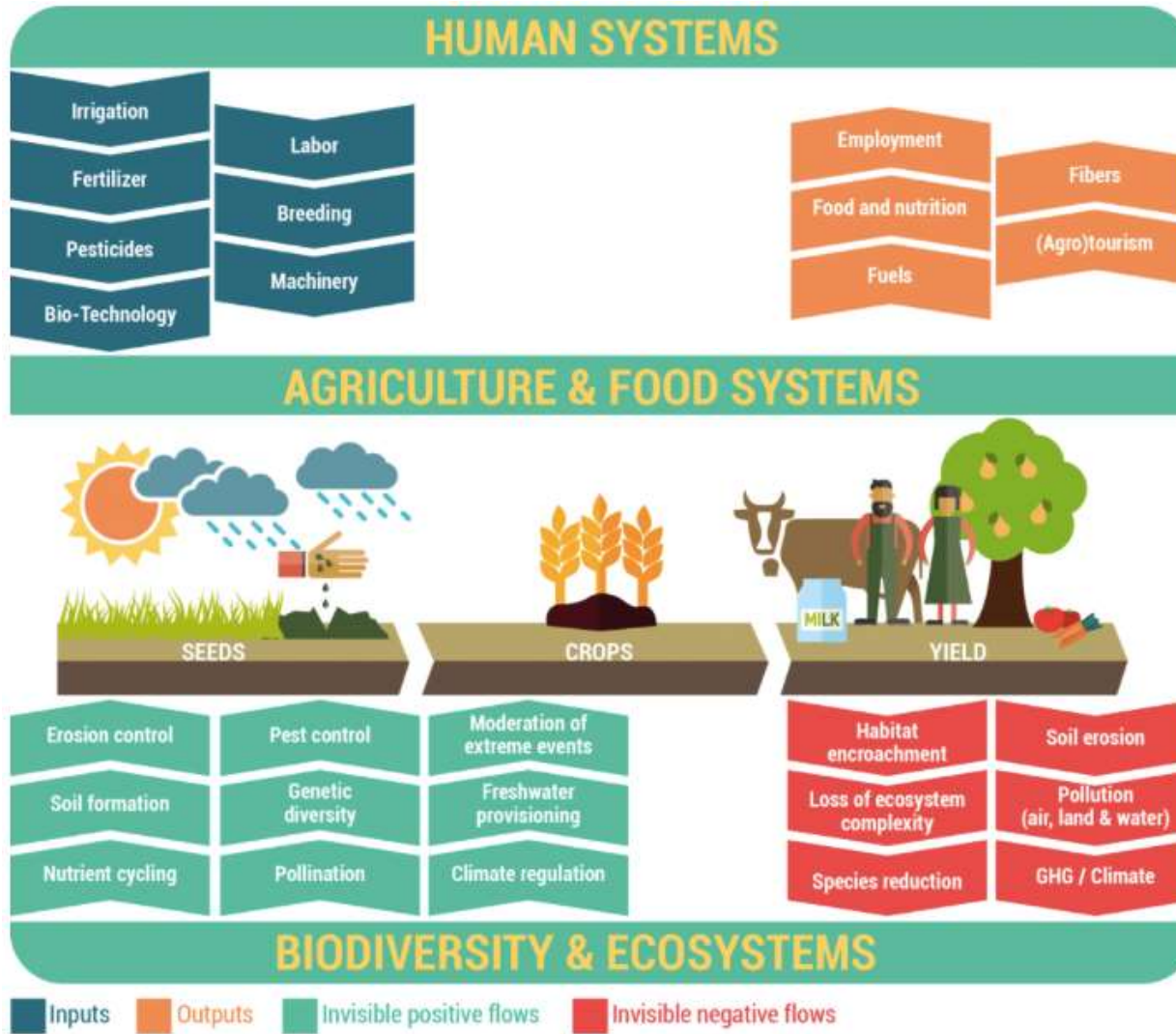
* CHANGED ITS NAME IN 2001 TO THE NATIONAL CENTER FOR GENETIC RESOURCES PRESERVATION

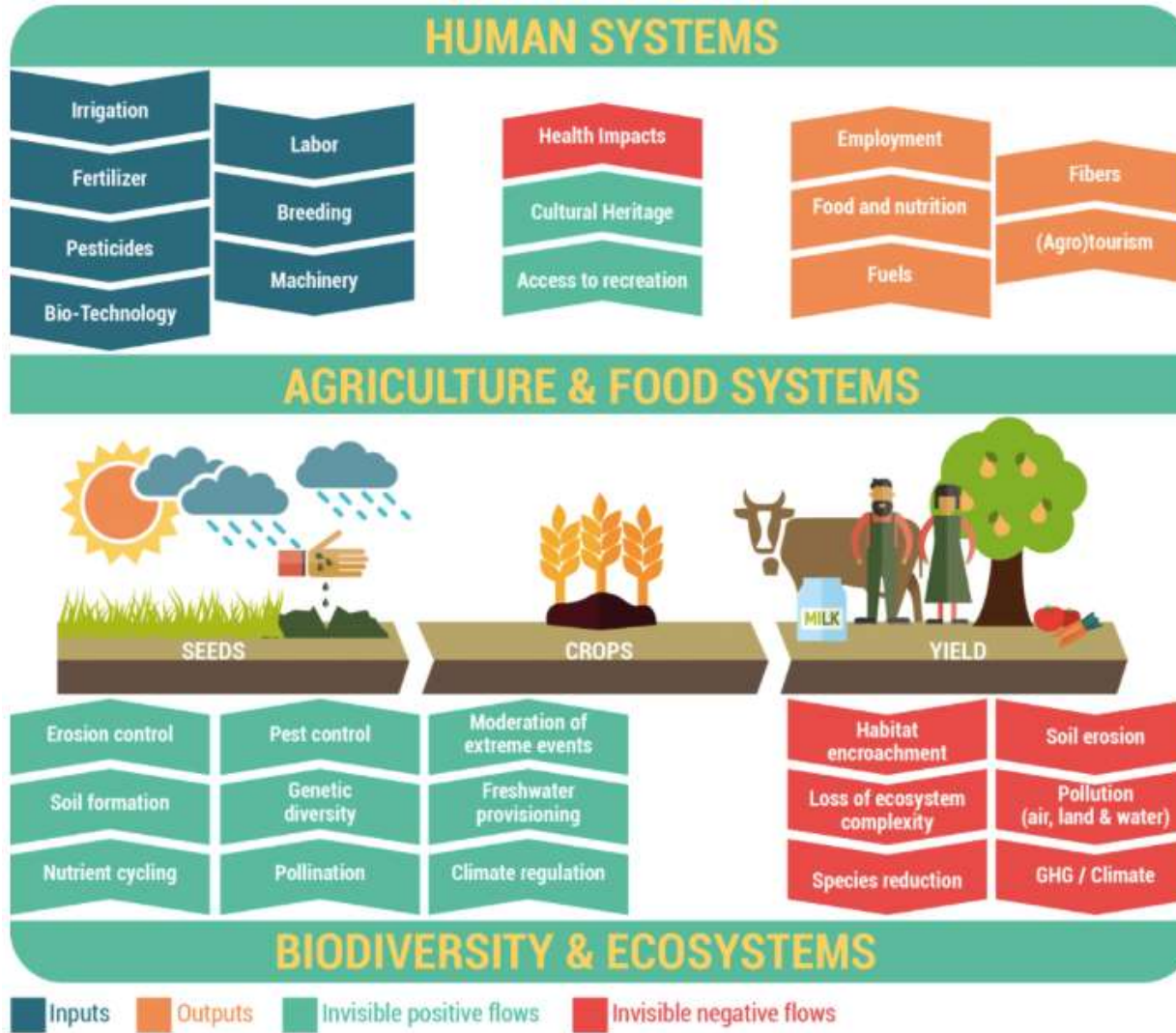
JOHN TOMANIO, NGM STAFF FOOD ICONS: QUI SOURCE: RURAL ADVANCEMENT FOUNDATION INTER



Inputs Outputs







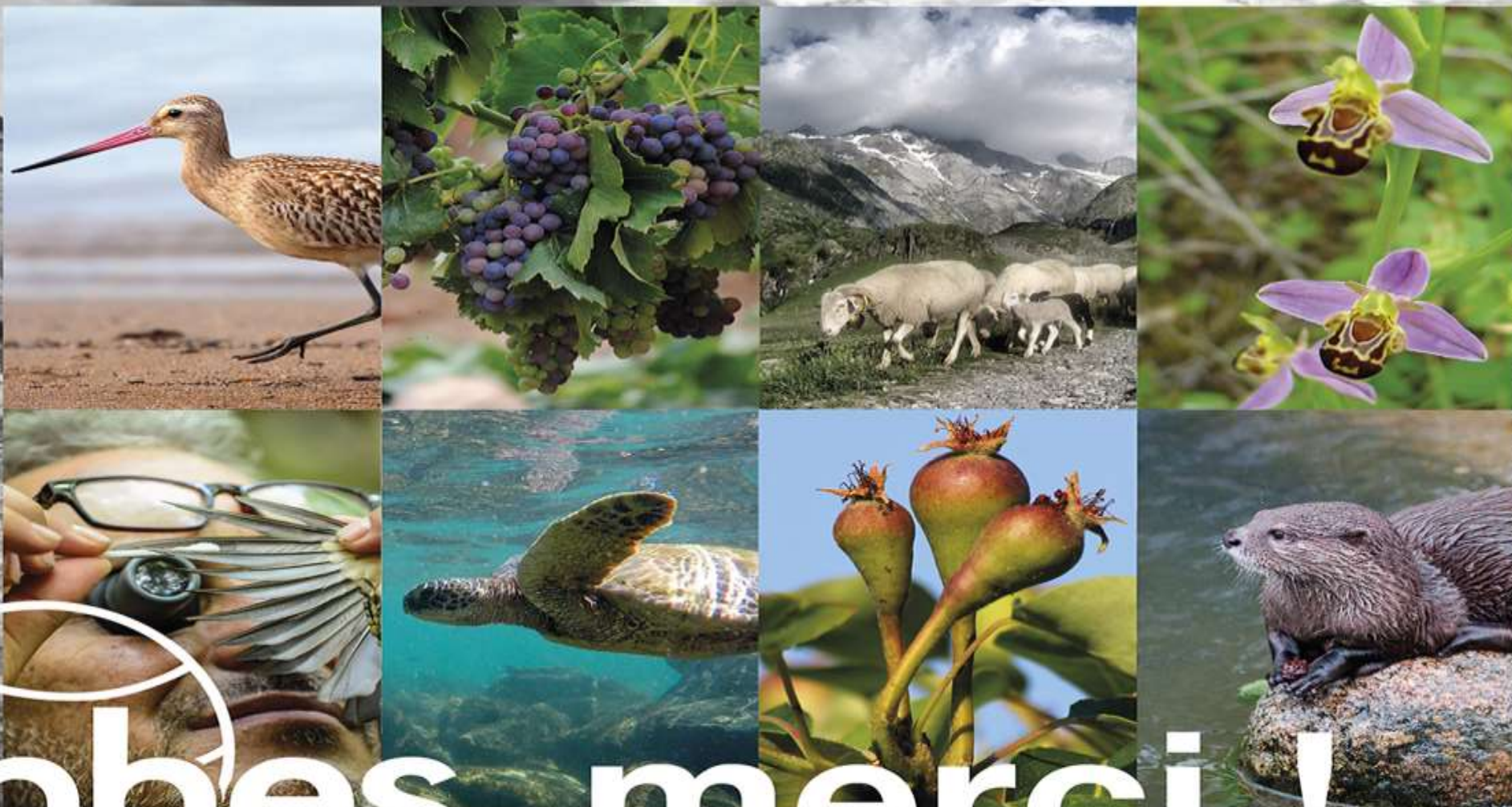
It is not too late to act

Some general principles

- Promote interconnections between sectoral policies (e.g. agriculture, fisheries, tourism, energy, etc.)
- Enable participation of a large diversity of actors (e.g. local communities)

Some possible actions

- Produce and consume food sustainably
 - Reduce food waste
 - Promote sustainable and healthy diets
 - Promote biodiversity friendly management practices (e.g. agroecology)
- Build sustainable cities
 - Limit urban sprawl
 - Promote low impact public transportation, nature sensitive road networks
 - Expand vegetation cover, promote urban gardens
 - Manage for ecological connectivity
 - Promote sustainable water and solid waste management



 ipbes merci !

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