## ACT4FOOD ACT4CHANGE

## **FOOD SYSTEMS + BIODIVERSITY**

Biodiversity means the variety of life on Earth – and life on Earth depends on high biodiversity.



We are in an age of extinction, with biodiversity losses happening at an alarming pace.

By a conservative estimate, 200 to 2,000 species are going extinct every year.

More than **38,500** species are threatened with extinction – **28%** of all assessed species.





## **Food matters**

The production of food, and the changes to land and water use it requires, is the **leading cause** of biodiversity loss in the world.

Biodiversity loss is also driven by climate change, to which **food systems** are a major contributor.

For healthy people on a healthy planet, we need to preserve and increase biodiversity, not drive it down.





Diversity in food and in natural food genetics (e.g. different varieties of bananas!) is a key part of the solution.

Monoculture – growing one crop over and over – and reliance on a small number of crops reduce **genetic diversity** and contribute to a degraded ecosystem.



Biodiverse food systems have higher **resilience** to shocks and stresses and are better for human health and for nature.



## **REFERENCES**

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