

Climate change, food systems and animal agriculture

Pathways to achieve the Paris goals

Side event: Transitioning agriculture systems for sustainability and climate resilience

14/11/2022



The food crisis and the climate crisis



 **179.0–181.1M people**

forecast to be in Crisis or worse (IPC/CH Phase 3 or above) in 41 countries/territories in 2022, in addition to Cabo Verde (see notes below)

This aggregate figure includes four estimates from FEWS NET, which does not provide a breakdown of figures by IPC/CH phases of acute food insecurity, therefore the sum of the populations detailed below in IPC/CH Phases 2–5 will not add up to the aggregate range estimate provided for populations in IPC/CH Phase 3 or above.


 **329 000 people in Somalia, South Sudan and Yemen** were forecast to be in Catastrophe (IPC Phase 5) in 2022

 **35.5M people in 33 countries** were forecast to be in Emergency (IPC Phase 4) in 2022

 **125.0M people in 38 countries** were forecast to be in Crisis (IPC Phase 3) in 2022

 **233.4M people in 38 countries** were forecast to be in Stressed (IPC Phase 2) in 2022

Source: WFP 2022



Global population of up to 11.2 billion by 2100



Biodiversity crisis

40% of all species on track to go extinct by the end of the century

The climate crisis is already
having a major impact on
food systems





33%

of global GHG emissions come
from the food system

Principles to overcome the crises



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Feed people, not animals

Better to feed people directly
than grow crops to raise
animals to feed people



Use crops for food, not energy

Sun and solar are a better energy solution than biofuels

Mainstream agro-ecological principles

Reduce fertilisers, herbicides, pesticides



A wide banner image showing two wind turbines in the foreground, with a sunset sky and distant mountains in the background. The text "Thank you" is centered over the image.

Thank you

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