THE STATE OF FOOD AND AGRICULTURE

MITIGATION

2016

CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY



...and agriculture contributes to dimate change



THE CHALLENGE

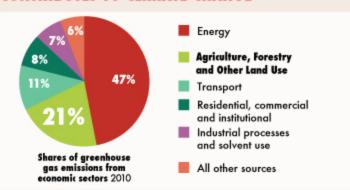


produce more food for the growing population



reduce greenhouse gas emissions

HOW AGRICULTURE CONTRIBUTES TO CLIMATE CHANGE



Taken together, agriculture, forestry and land-use change account for at least 1/5 of total emissions, mainly from the conversion of forests to farmland as well as from livestock and crop production.



The agriculture sectors can substantially contribute to balancing the global carbon cycle.

RESPONDING TO CLIMATE CHANGE

Mitigation is key for the long-term food security of the world's population.



Resource use efficiency



Soil regeneration



amount of atmospheric CO. of N₂O and CH₄



Reducing food loss and waste



would improve the efficiency of the food system, reduce both pressure on natural resources and emissions of greenhouse gases.



Rebalancing diets towards less animal-sourced foods



would make an important







Reducing deforestation and increasing forested areas



Adopting sustained-yield management in timber production





contribution, with probable co-benefits for human health.

How we mitigate climate change and adapt to it today will determine whether humanity succeeds in eradicating hunger and poverty by 2030.





