## THE STATE OF FOOD **AND AGRICULTURE**

CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY

Transport

Residental, commercial and institutional Industrial processes and solvent use

All other sources





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

## RESPONDING TO CLIMATE CHANGE

Shares of greenbouse gas enfections from accounts sedies 2010

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



Forestry





conversion of ferents to fermiond as well as

from Beastock and evp production.

## Reducing food less and waste

would improve the efficiency of the load system, reduce both pressure on network recovers and emissions of greenhouse gence.



















2030

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







CLIMATE CHANGE, AGRICULTURE AND FOOD SECURITY

CLIMATE CHANGS AFFECTS AGRICULTURAL PRODUCTION IN MANY REGIONS



increasing intensity of extreme weather events

Food incountry and dissole damps values thirty present day



for food security.

All those offects buve egative impacts on the productivity of crops, livestock, Risheries and forestry.

that are already highly food insense, would be affected. Smallkeider producers in developing countries are amongst the most volumeble

CLIMATE CHANGE **POSES A SERIOUS THREAT** TO FOOD SECURITY



Significant improvements can be achieved with the introduction of sustainable agricultural practices. Smallholders need support to access the right technologies to implement them.

## RESPONDING TO CLIMATE CHANGE

Innovation is key to form system adaptation.





































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