

Climate change – A Citizen call for action

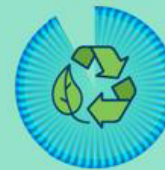
NEW: Special Eurobarometer 490 – Climate Action

- ★ EU citizens extremely concerned about climate change
- ★ Overwhelming support for strong EU action on climate change and the transition to clean energies
- ★ 92% respondents support making the EU climate-neutral by 2050
- ★ 70% agree that adapting to the adverse impacts of climate change can have positive outcomes for citizens in the EU



93%
of Europeans

see **climate change** as a serious problem.



93%
of Europeans

have taken at least one **action**
to tackle climate change.



92%
of Europeans

agree that greenhouse gas emissions should
be reduced to a minimum in order to make the
EU economy climate neutral by 2050.



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2050 long-term strategy



Brussels, 28.11.2018
COM(2018) 773 final

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE EUROPEAN COUNCIL, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE, THE COMMITTEE OF THE REGIONS AND THE EUROPEAN INVESTMENT BANK

A Clean Planet for all
A European strategic long-term vision for a prosperous, modern, competitive and climate neutral economy



ROAD TO CLIMATE NEUTRAL ECONOMY: STRATEGIC PRIORITIES

FULLY DECARBONISING EUROPE'S ENERGY SUPPLY
Large scale electrification of the energy system coupled with deployment of renewables will decarbonise our energy supply and significantly reduce our dependency on third country suppliers

EMBRACING CLEAN, SAFE AND CONNECTED MOBILITY
Decarbonising the transport sector by using alternative means of transport, connected and automated driving combined with the roll-out of electric vehicles and enhanced use of alternative fuels

PUTTING INDUSTRIAL MODERNISATION AT THE CENTRE OF A FULLY CIRCULAR ECONOMY
Reaping first mover benefits by modernising existing installations and investing in new carbon neutral and circular economy-compatible technologies and systems

DEVELOPING SMART NETWORK INFRASTRUCTURE AND INTERCONNECTIONS
A modern and smart infrastructure, ensuring optimal sector coupling and enhancing regional cooperation, is the cornerstone of the energy transmission and distribution landscape of tomorrow

REAPING THE FULL BENEFITS OF BIO-ECONOMY AND CREATING ESSENTIAL CARBON SINKS
Creating natural sinks by developing more sustainable land-use and agriculture

TACKLING REMAINING CO₂ EMISSIONS WITH CARBON CAPTURE AND STORAGE
Compensating for remaining greenhouse gas emissions in our economy and creating negative emissions

MAXIMISING BENEFITS FROM ENERGY EFFICIENCY
Reducing energy consumption by close to half between 2005 and 2050





New Partnerships, New Consumers, Increased Financing

Financing is increasing:

2017: 20.4 billion EUR on climate related ODA

MFF 2021-2027 – at least 25% of EU budget on climate action, hence more than 250 billion EUR

→ New opportunities for Africa

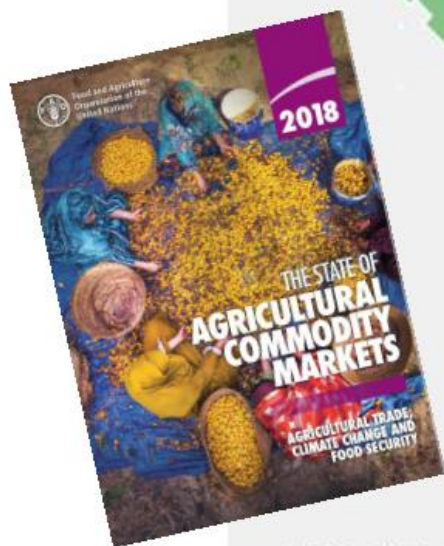
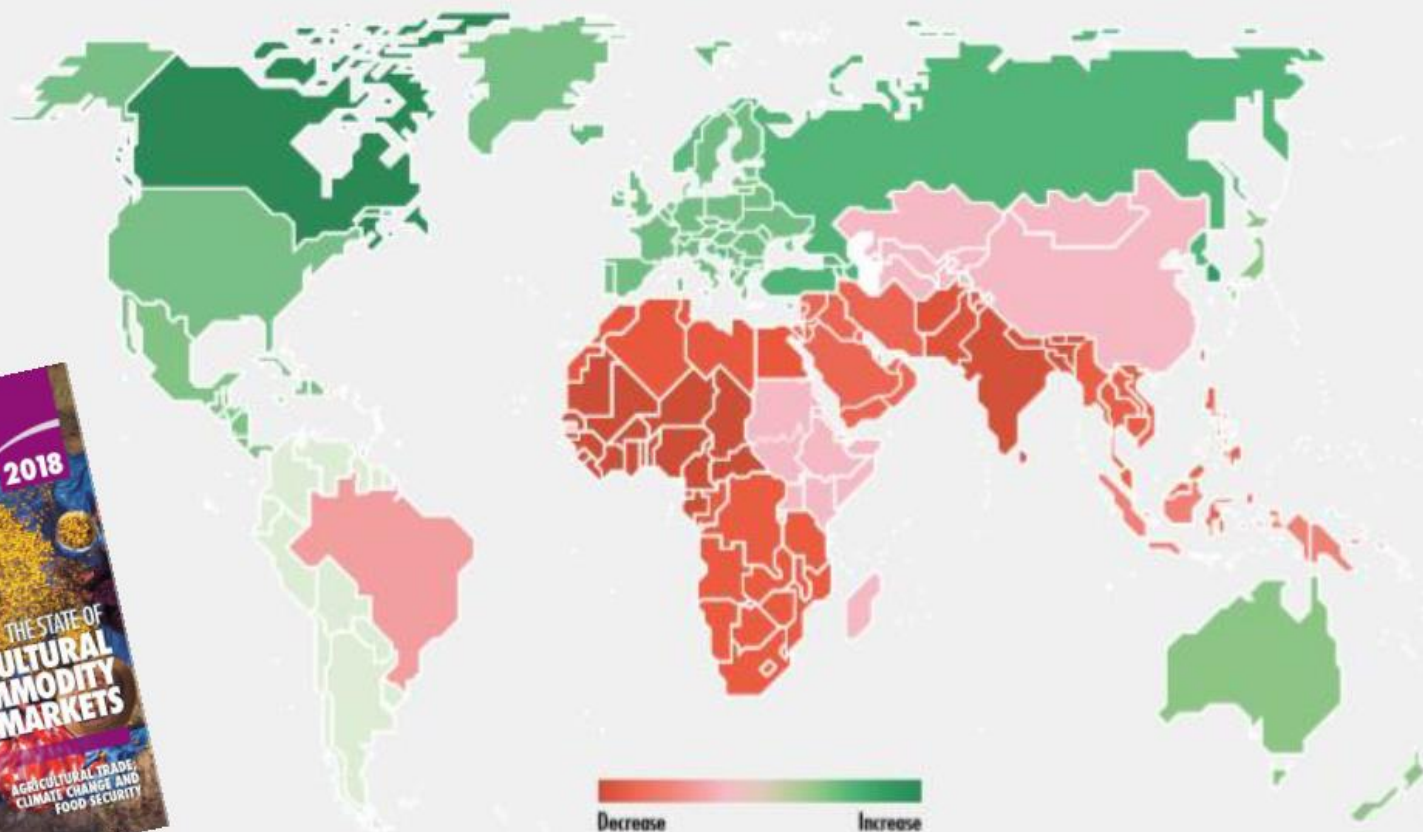
Private investments and public investments in the green economy - energy, clean transports, green urbanisation, green tourism

And what about the land



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FIGURE 2.1
CHANGES IN AGRICULTURAL PRODUCTION IN 2050: CLIMATE CHANGE RELATIVE TO THE BASELINE



NOTE: The final boundary between the Republic of the Sudan and the Republic of South Sudan has not yet been determined. Final status of the Abyei area has not yet been determined.

SOURCE: Based on data provided by Wageningen Economic Research, 2018. Climate Change and Global Market Integration: Implications for global economic activities, agricultural

IPCC Climate Change and Land Report (2019)

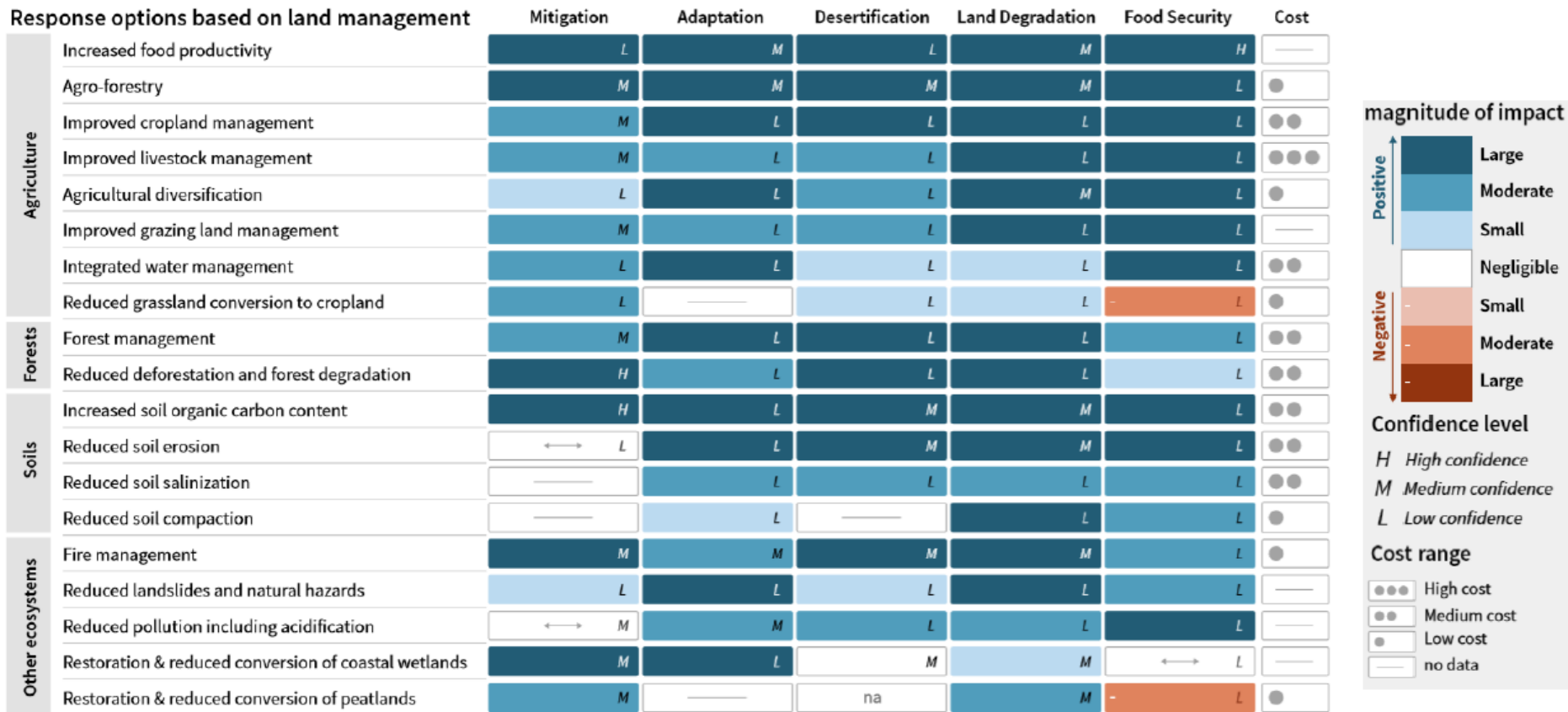


Figure SPM.3 Potential global contribution of response options to mitigation, adaptation, combating desertification and land degradation, and enhancing food security.