

CURRENT ADAPTATION ACTION GAPS/BARRIERS AND SOLUTIONS



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Current adaptation action- Africa

- IPCC AR6 WG2- emphasized the urgency. SSA 1.04-1.8°C
- Increasing warming- adaptation potential reduced- limits to adaptation
- Planned adaptation- NAP development (15) & implementation
- Agricultural and livelihood diversification, agroecological and conservation agriculture practices etc
- Water sector adaptation- to reduce drought and flood risk
- Integrating climate adaptation into social protection programs, eg cash transfers, public works programmes
- Adapting roads for increased temperatures and investment in public transport- 'no regret' options.
 - Proactive could reduce repair/maintenance costs by 74% vs reactive

Gaps

- Climate information- hindered by limited weather and climate data in Africa
 - 10% of ground-based observation networks are in Africa, and 54% of Africa's surface weather stations cannot capture data accurately.
 - Many countries lack regularly reporting weather station
- Finance- inadequate to meet finance needs.
 - USD 20–50 billion/yr by 2050 at 1.5°C to USD 100–437 billion/ yr at 4°C
- Agriculture- limited markets, extension service, EWS, finance, innovation and technology
 - smallholder farmers address short-term shocks through coping eg reduced food consumption, selling assets
 - Cost of agric inputs/ technology
- Institutional capacity gaps
- Technology- access, capacity and finance

Addressing the barriers

- URGENCY!!!!
- Strengthen CIS and Early Warning Systems (EWS)
- Increasing finance flows for adaptation
 - increasing access to climate funds and strengthening project pipeline development
- Long term adaptation planning to support climate resilient development
- Strengthening social protection and better integrating climate risk management into design of social protection programs
- Agriculture- support climate resilient agriculture, incl infrastructure, technologies, extension service, capacity strengthening