

Climate Change Adaptation Interventions in Agriculture and Sustainable Development through South-South Cooperation in Sub-Saharan Africa

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Abstract : Climate change poses a significant threat to agriculture and food security in Africa. The UNFCCC recognized the need to address climate change adaptation in the broader context of sustainable development. African countries have initiated a governance system for adapting and responding to climate change in their Nationally Determined Contributions (NDCs). Despite the implementation limitations, Africa's adaptation initiatives highlight the need to strengthen and expand adaptation responses. This paper looks at the extent to which South-South cooperation facilitates the implementation of adaptation actions between nations for agriculture and sustainable development. We conducted a literature review and content analysis of reports prepared by international organizations, reflecting the diversity of adaptation activities taking place in Sub-Saharan Africa. Our analysis of the connection between adaptation and nationally determined contributions (NDCs) showed that climate actions are mainstreamed into sustainable development. The NDCs in many countries on climate change adaptation action for agriculture aimed to strengthen the resilience of the poor. We found that climate-smart agriculture is the core of many countries target to end hunger. We revealed that South-South Cooperation, in terms of capacity, technology, and financial support, can help countries to achieve their climate action priorities and the Sustainable Development Goals (SDGs). We found that inadequate policy and regulatory frameworks between countries, differences in development priorities and strategies, poor communication, inadequate coordination, and the lack of local engagement and advocacy are some key barriers to South-South Cooperation in Africa. We recommend a multi-dimensional partnership, provision of financial resources, systemic approach for coordination and engagement to promote and achieve the potential of SSC in Africa.

Keywords : climate change, adaptation, food security, sustainable development goals

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