

Implementing climate smart agriculture: issues, challenges and opportunities

Joyce Mulila Mitti

Catalysing actionable knowledge to implement climate-
smart solutions for next-generation ACP agriculture

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Presentation Outline

Climate Change and CSA- Why CSA

Challenges in scaling up CSA options

Opportunities for catalysing upscaling CSA

CSA defined

It is agriculture that sustainably increases productivity, resilience (**adaptation**), reduces/removes greenhouse gases (**mitigation**), and enhances achievement of national **food security and development goals**.

(FAO 2010)

Climate Change and CSA- why CSA

CSA is a development issue for addressing key results among them:

- Increase and stability in agricultural productivity and production
- Environmental and Ecosystem resilience
- Increased economic opportunities and social resilience

Provides for economic growth, inclusive development and livelihoods

- Poverty alleviation; Food and Nutrition security; resilience; economic opportunities
- Meeting gender needs, youth and most vulnerable

Climate Change and CSA- why CSA

Experiences of CSA agenda//issues for consideration:

- CC effects are well known and there is clarity on the impact of climate change on livelihoods and development.
- Recognition of the consequences of extreme weather on production-productivity, food security and poverty.
- Exposure to various CSA interventions with various projects/programmes but implementation, results and impacts have not been that satisfactory.

Scaling up defined

“Scaling up is reaching as many beneficiaries as possible quickly, sustainably and equitably”

Key challenges in scaling up CSA

- **Technical capacity/knowledge gaps for farmers and extension agents**
- **Inappropriate training methodologies**
- **Programming gaps/poor coordination/disconnect between agriculture and key related sectors of NRM etc;**
- **Interventions planned largely as projects and not adequately linked to long term national programmes;**
- **Weak M&E frameworks**

Key challenges in scaling up CSA

- **inadequate communication/dissemination of best practices to influence policies/future programming**
- **private sector not adequately engaged;**
- **Poor access to inputs**
- **Under-developed seed systems**
- **poor market opportunities;**

Opportunities

CSA is a global Concern

1. SDGs; goal #13,

2. UNFCCC processes

-NAPAs, NAMA, INDC

3. Global Alliance Processes

-Global Alliance on CSA

4. Alliance for CSA in Africa

- Great potential for developing strategic partnerships.**

Opportunities

- **Supporting enabling policy framework**
- **Strengthening national and local institutions**
- **Expanding the evidence base**
- **Enhancing financing options**
- **Improving coordination and collective action**
- **Improved access to Climate data and information**

Key Elements for success to scaling up

Coordination:

- Improving coordination through open dialogue and sharing for increased alignment and harmonization in the efforts to support the scaling up of CSA.

Knowledge Exchange, Expert Information Support and Learning:

- ▶ Facilitate and support within and inter-country interaction and exchange for peer-to-peer learning, sharing of results and showcasing of lessons learned.

Communication and advocacy:

- ▶ Create awareness and advocate for CSA at all levels including national, regional, continental and global levels



Thank you for listening