

34th Session of the UNFCCC Convention Subsidiary Bodies

Bonn, Germany, 6-17 June 2011

# CLIMATE-SMART AGRICULTURE FOR FOOD SECURITY

Side event in Bonn, 10 June 2011  
organized by FAO and CCAFS



# Speakers

**Peter Holmgren, FAO**

Update on climate-smart agriculture and the FAO-Adapt Programme

**Alexandre Meybeck, FAO)**

Climate-Smart Agriculture: way forward for Food Security in a changing climate

**Esther Magambo, Ministry of Agriculture, Kenya**

Up-scaling best practices for climate smart agriculture

**Bruce Campbell, CGIAR**

The coherent approach to climate change and food security

# Two Goals of Our Time

## 1. Achieving Food Security

- 1 billion hungry
- Food production to increase 70% by 2050
- Adaptation to Climate Change critical

## 2. Avoiding Dangerous Climate Change

- "2 degree goal" requires major emission cuts
- Agriculture and Land use = 30% of emissions..
- ..and needs to be part of the solution



# Climate-smart Agriculture

Agriculture\* that sustainably:

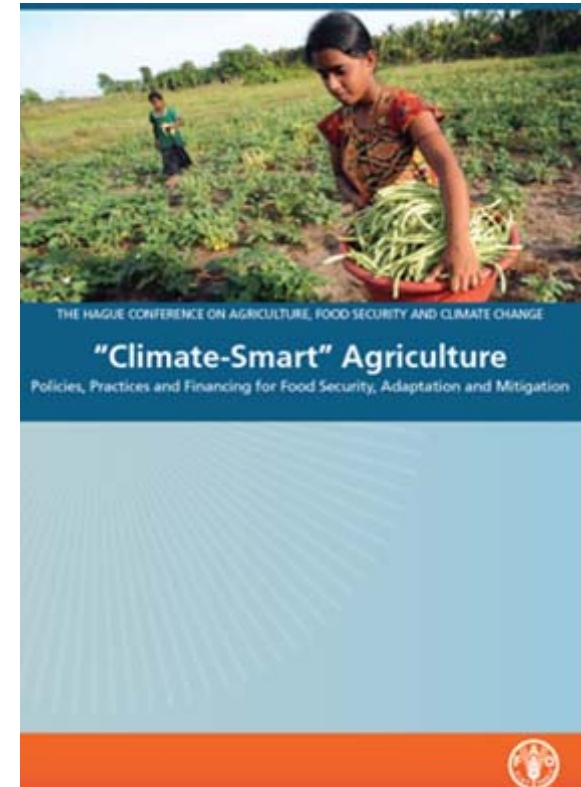
- increases productivity
- increases resilience (adaptation)
- reduces/removes GHGs

AND

- enhances achievement of national food security and development goals

⇒ **ADDRESSES MULTIPLE OBJECTIVES!**

\*) FAO includes agriculture, forestry and fisheries sectors in the "agriculture" concept



Food and Agriculture Organization of the United Nations

[www.fao.org/climatechange](http://www.fao.org/climatechange)

## Launching a new programme



helping to achieve  
Climate-smart agriculture



Climate change adaptation is critical for agriculture and food security.

Adaptation is addressed all across the agriculture, forestry and fisheries sectors.

FAO-ADAPT brings together FAO's efforts on adaptation: coordinated programming and partnerships

FAO-ADAPT reinforces the mission towards Climate-smart agriculture.



## **FAO-ADAPT themes**

1. Data and knowledge for impact and vulnerability assessment and adaptation
2. Institutions, policies and financing to strengthen capacities for adaptation
3. Sustainable and climate-smart management of land, water and biodiversity
4. Technologies, practices and processes for adaptation
5. Disaster risk management

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