



# GLOBAL EVENT

JOHANNESBURG SOUTH AFRICA

# SCALING UP CLIMATE SOLUTIONS: ACHIEVING IMPACT AT SCALE

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(CCAFS)



RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



Led by  
 **CIAT**  
International Center for Tropical Agriculture  
*Since 1967 | Science to cultivate change*



Climate Change,  
Agriculture and  
Food Security

CCAFS

# Info Note

## Ten principles for effective AR4D programs

Strengthening individual and program behaviours to achieve outcomes in climate change adaptation and mitigation

Sonja Vermeulen and Bruce Campbell

**AUGUST 2015**

### Key messages

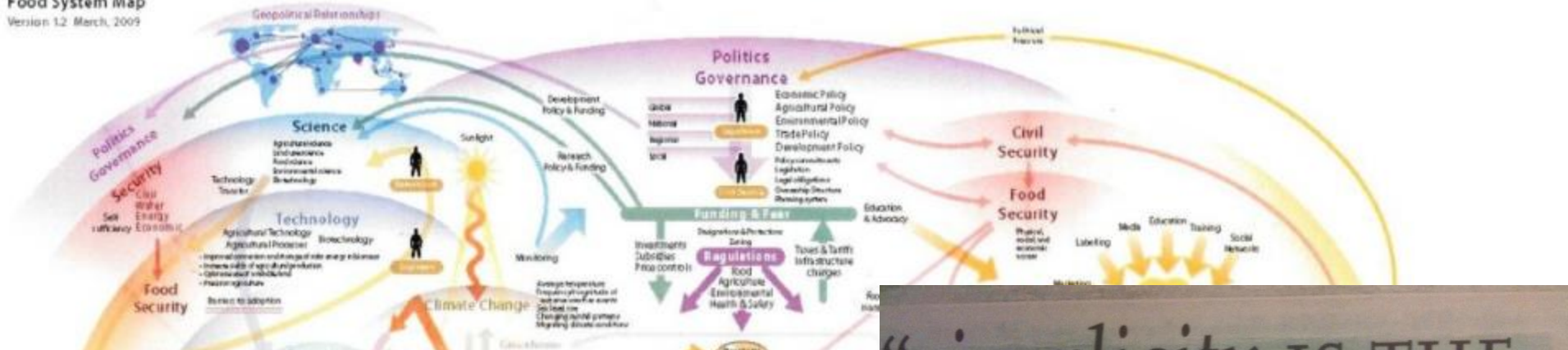
- Effective agricultural research for development

global level of the Sustainable Development Goals (SDGs). The impact pathways depend in turn on comprehensive "theory of change" (ToC) at program level

Search: "ten principles CCAFS"

# 1. Navigate towards specific points of leverage

Food System Map  
Version 1.2 March, 2009



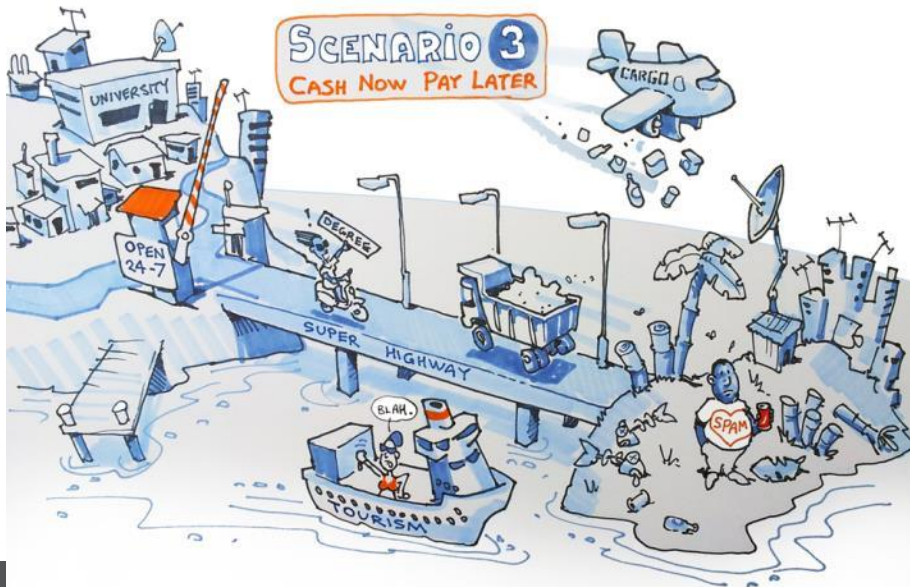
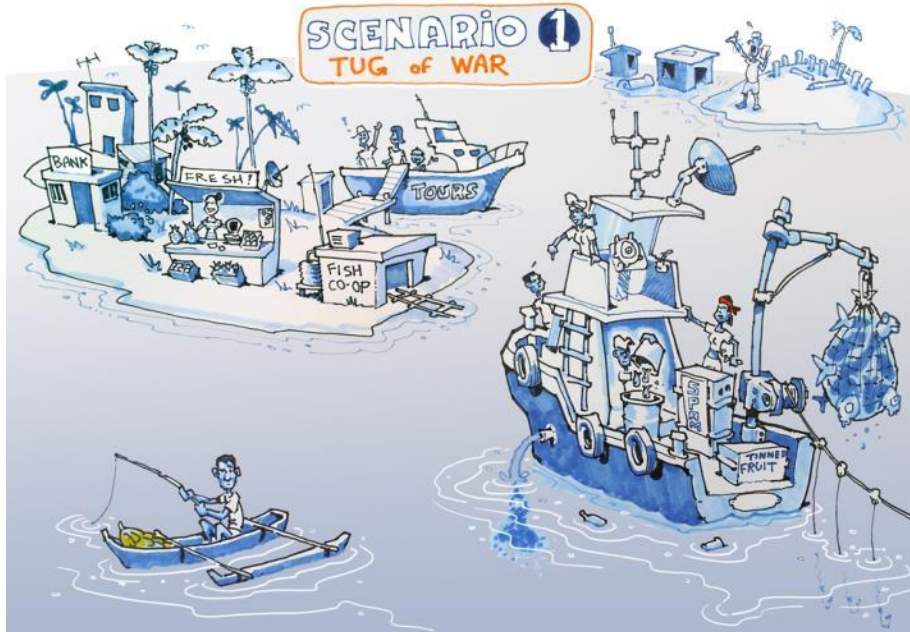
“~~Complexity is your enemy.~~ Any fool can make something complicated. It is hard to make something simple.”



“simplicity IS THE ULTIMATE SOPHISTICATION.”  
—L. DA VINCI



# Scenarios & visioning



# Cambodia



- **Cambodia's Climate Change Priorities Action Plan**
  - US\$ 147 million plan
  - Priority actions identified

A photograph of a group of men in a rural, arid setting. One man in a blue and white striped shirt is holding a silver radio. He is surrounded by other men, some wearing traditional hats, who appear to be listening or discussing the information being shared. The background shows dry vegetation and trees under a clear sky.

# Example: Seasonal weather forecasts in Senegal

➤ Global Framework for Climate Services

- 15 community radio stations
- 5 million farmers get forecasts

- Traditional knowledge
- Women and men farmers
- What forecasts change behaviour

## 2. Allocate resources in three thirds – needs, research, capacity:

- Improved index insurance products for > 1 million farmers in India

*Agriculture Insurance Company of India*

**12 million farmers & 40 different crops insured**



# 3. Tackle power and influence:

- Technical information by itself is unlikely to drive change
- Who are the decision makers?
- What are key times when change may be likely?

➤ IMPACT PATHWAYS

➤ THEORIES OF CHANGE



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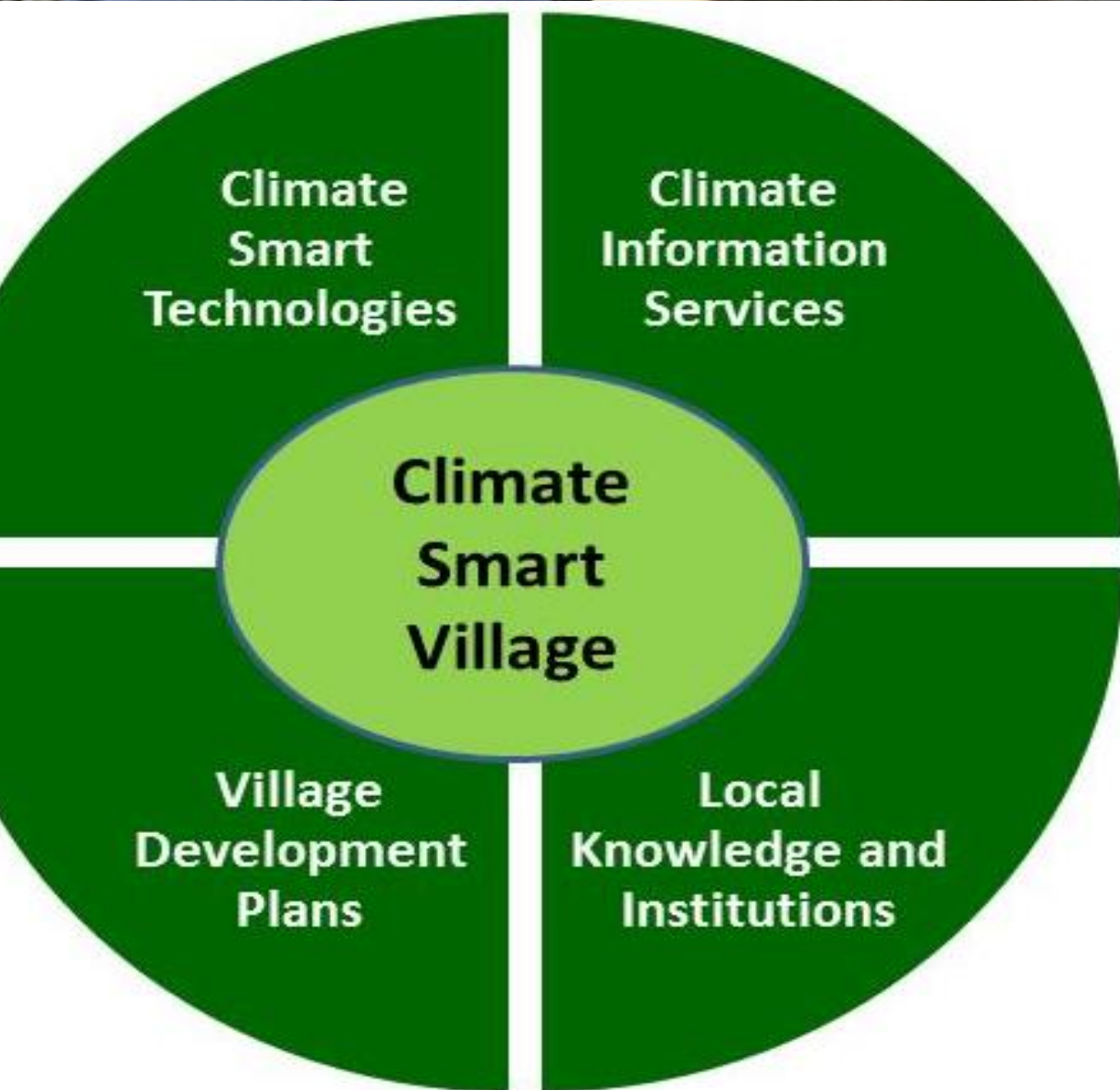
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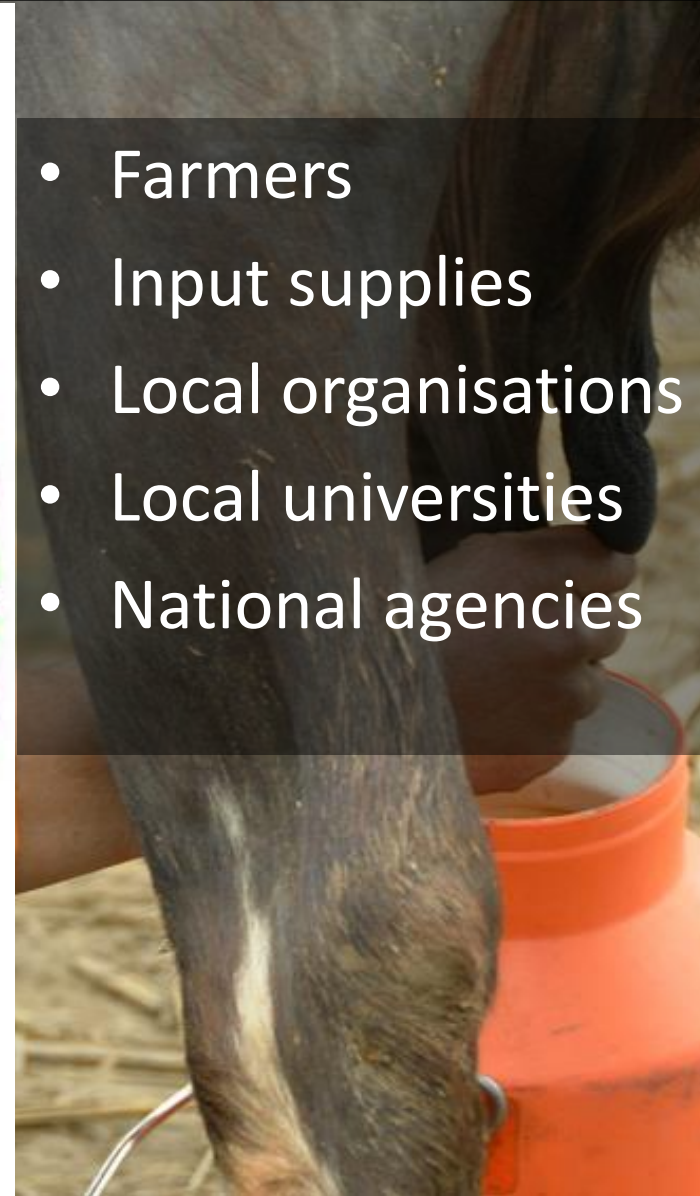
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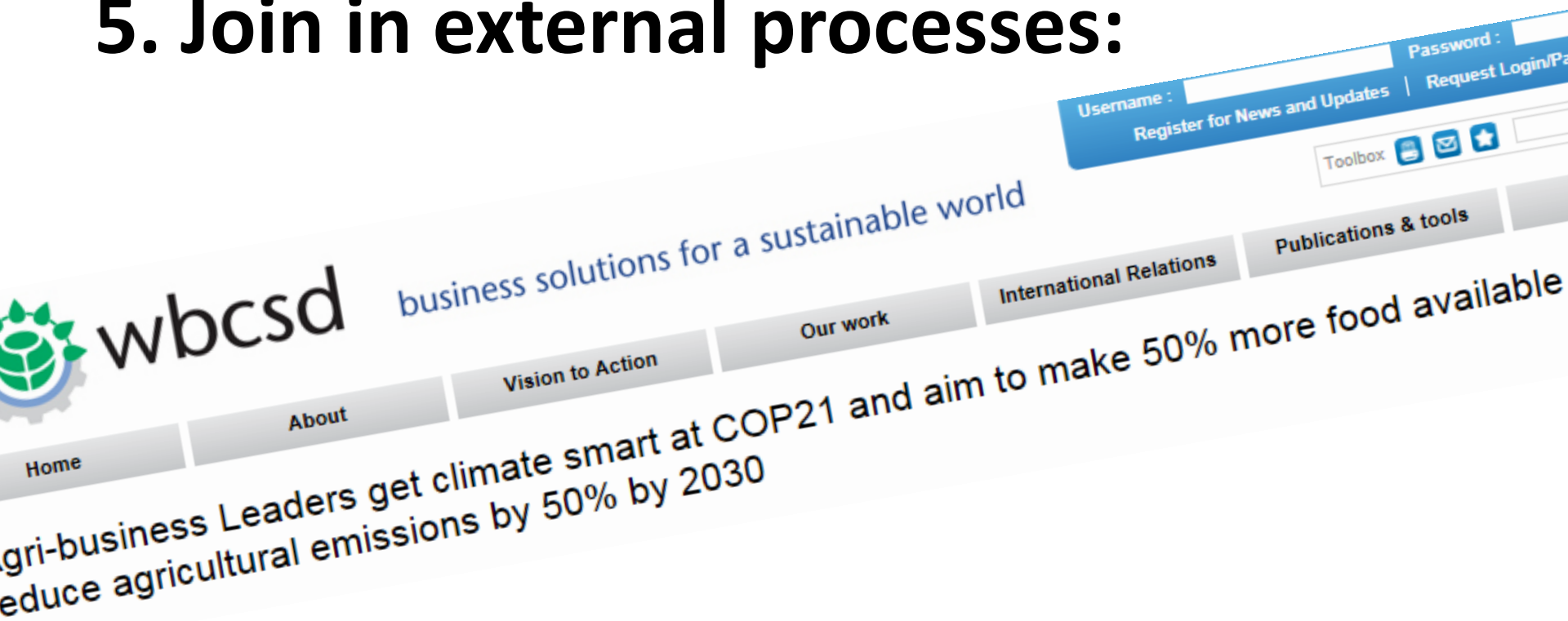
# 4. Sustain co-learning throughout policy engagement and implementation:



- Farmers
- Input supplies
- Local organisations
- Local universities
- National agencies



# 5. Join in external processes:



- **Enhance the resilience of 500 million people in agriculture by 2030**
  - **Make 50% more food available**
    - **Reduce emissions by 50%**

Partnerships

Three-thirds principle

Impact pathways

Navigate through  
complexity

Work across  
scales

Opportunistic

Expect failures



agriculture,  
forestry & fisheries

Department:  
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