ICTs and Climate Change Adaptation Policy

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Climate Change, Innovation & ICTs Project: **http://www.niccd.org**
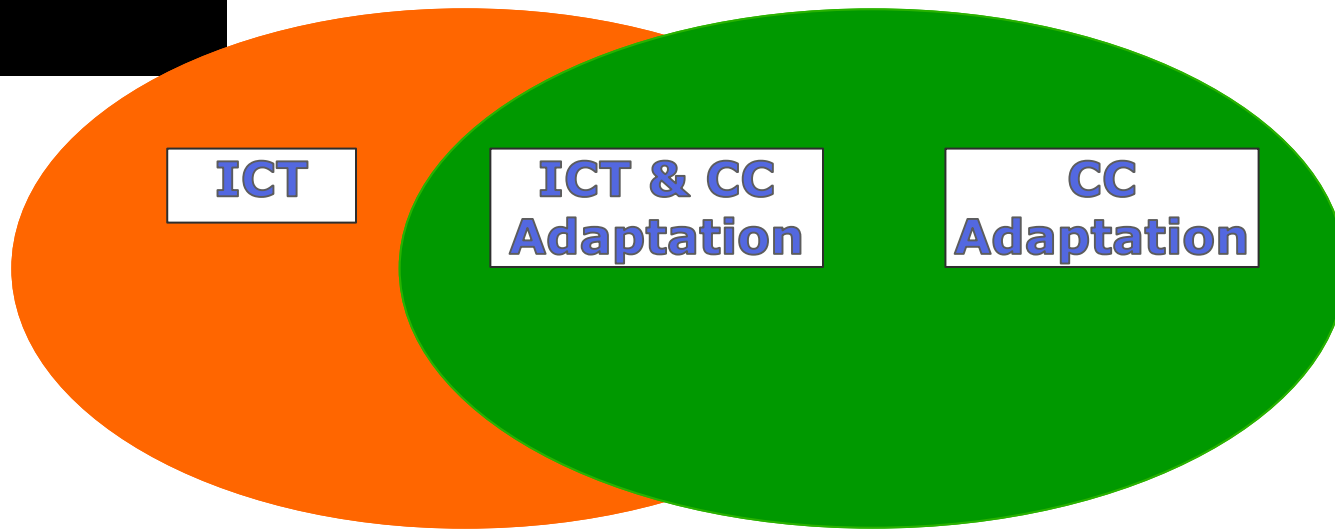
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Background

- 'Climate Change, Innovation and ICTs' project (2009-2012)

- University of Manchester, UK, in partnership with Canada's IDRC

- *"Making Policy on ICTs and Climate Change in Developing Countries"*
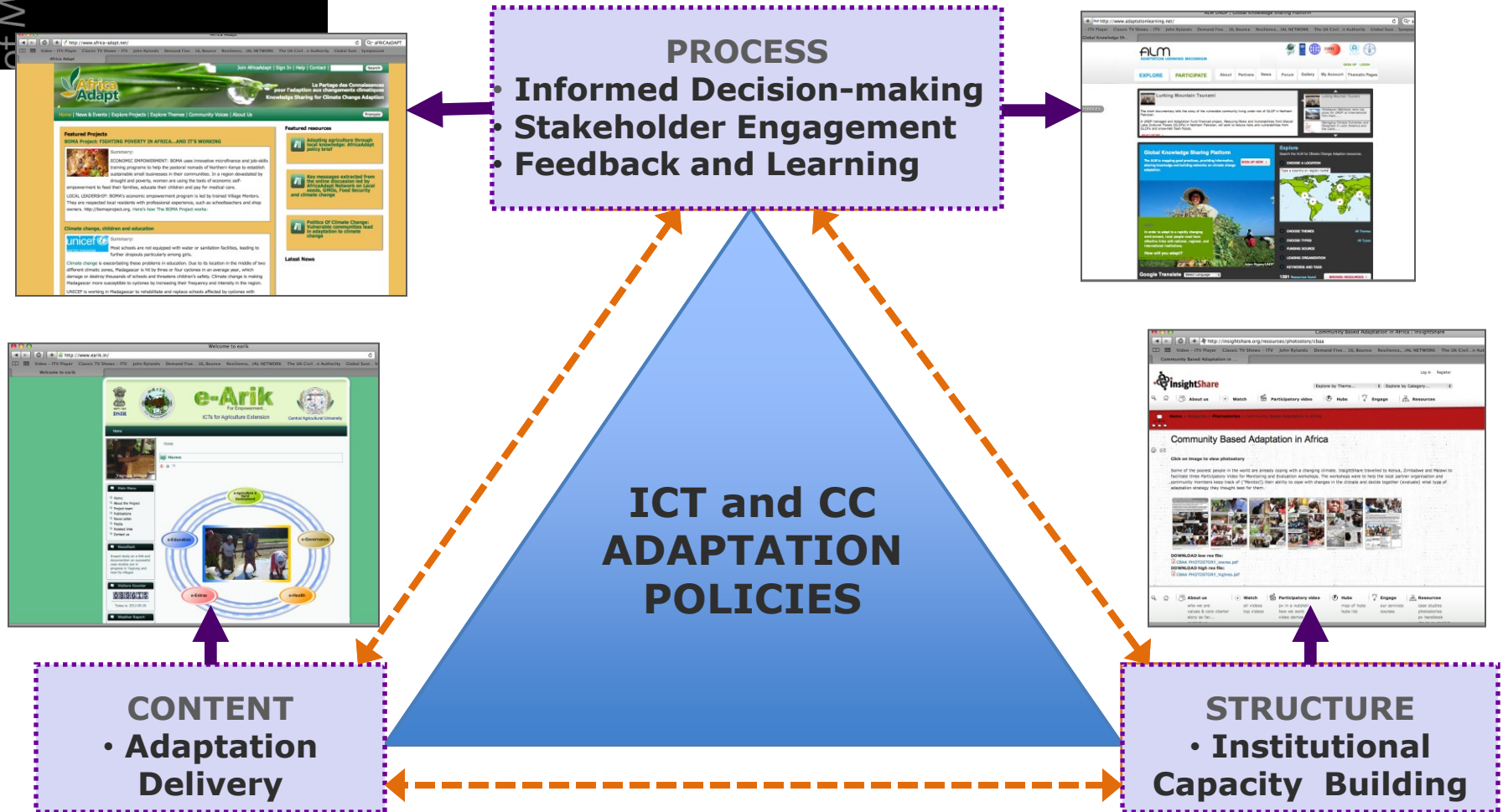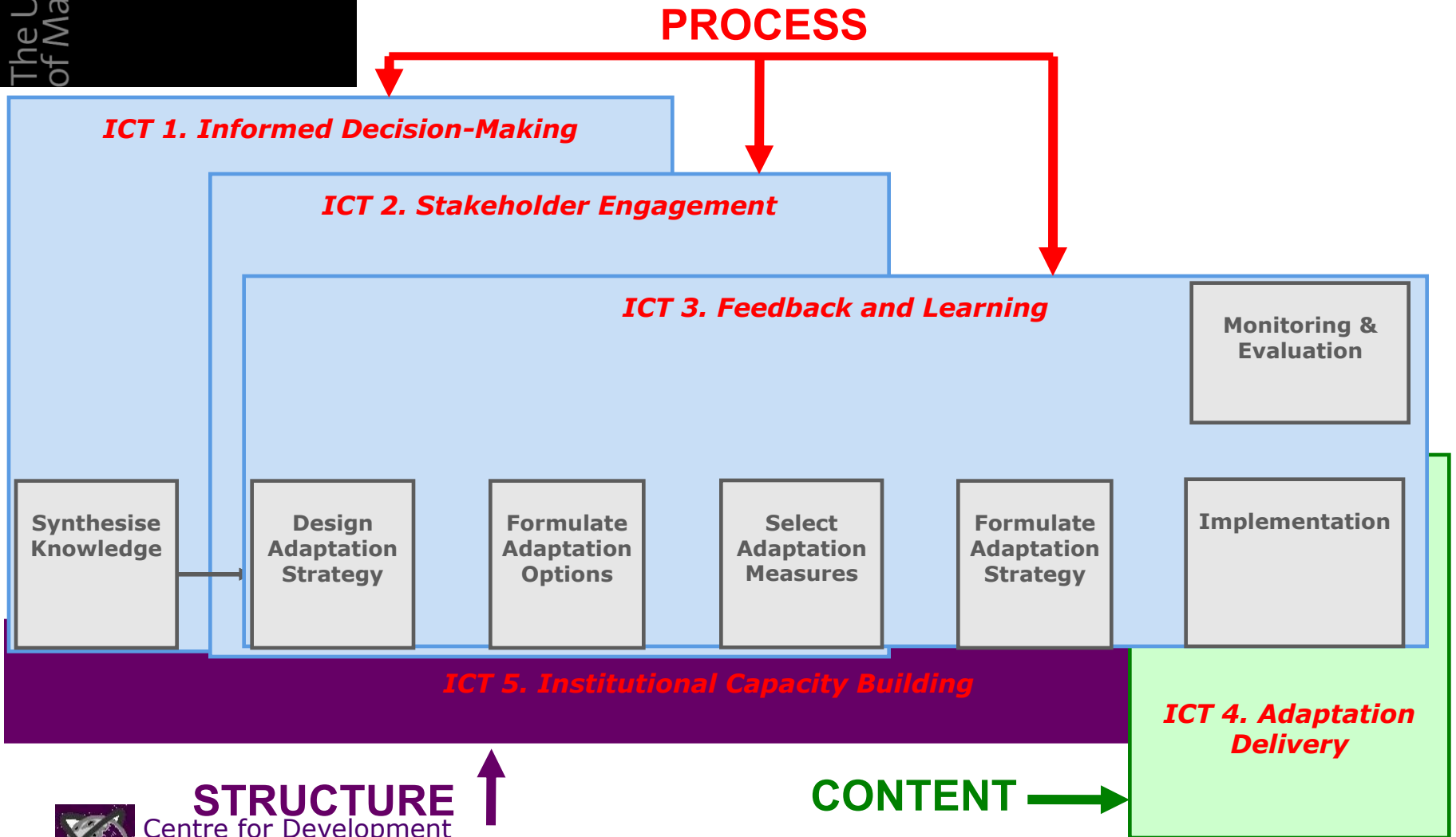 **http://www.niccd.org/ICCD_Policy_Guidance_Paper.pdf**

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Overview

1. Why ICTs and CC adaptation policy?

2. What role for ICTs in CCA policy?

3. Conclusion: guiding principles

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1. Why ICTs and CC Adaptation Policy?

PROCESS
- **Informed Decision-making**
- **Stakeholder Engagement**
- **Feedback and Learning**

ICT and CC ADAPTATION POLICIES

CONTENT
- **Adaptation Delivery**

STRUCTURE
- **Institutional Capacity Building**

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2. How ICTs Contribute to CC Adaptation Policy

PROCESS

ICT 1. Informed Decision-Making

ICT 2. Stakeholder Engagement

ICT 3. Feedback and Learning

Monitoring & Evaluation

Synthesise Knowledge

Design Adaptation Strategy

Formulate Adaptation Options

Select Adaptation Measures

Formulate Adaptation Strategy

Implementation

ICT 5. Institutional Capacity Building

ICT 4. Adaptation Delivery

STRUCTURE

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CONTENT

2a. ICT and Policy Process

Informed Decision-Making	**Foster the use of ICTs to inform decision-making within climate change adaptation processes**
Stakeholder Engagement	**Promote the use of ICTs in the consolidation of partnerships, participation and inclusion**
Feedback and Learning	**Support the use of ICTs in the creation of new knowledge and the dissemination of existing and emerging adaptation experiences**

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2b. ICT and Policy Content

Adaptation Delivery	Foster the use of ICTs in the delivery of adaptation priorities, in regards to key sectors/issues

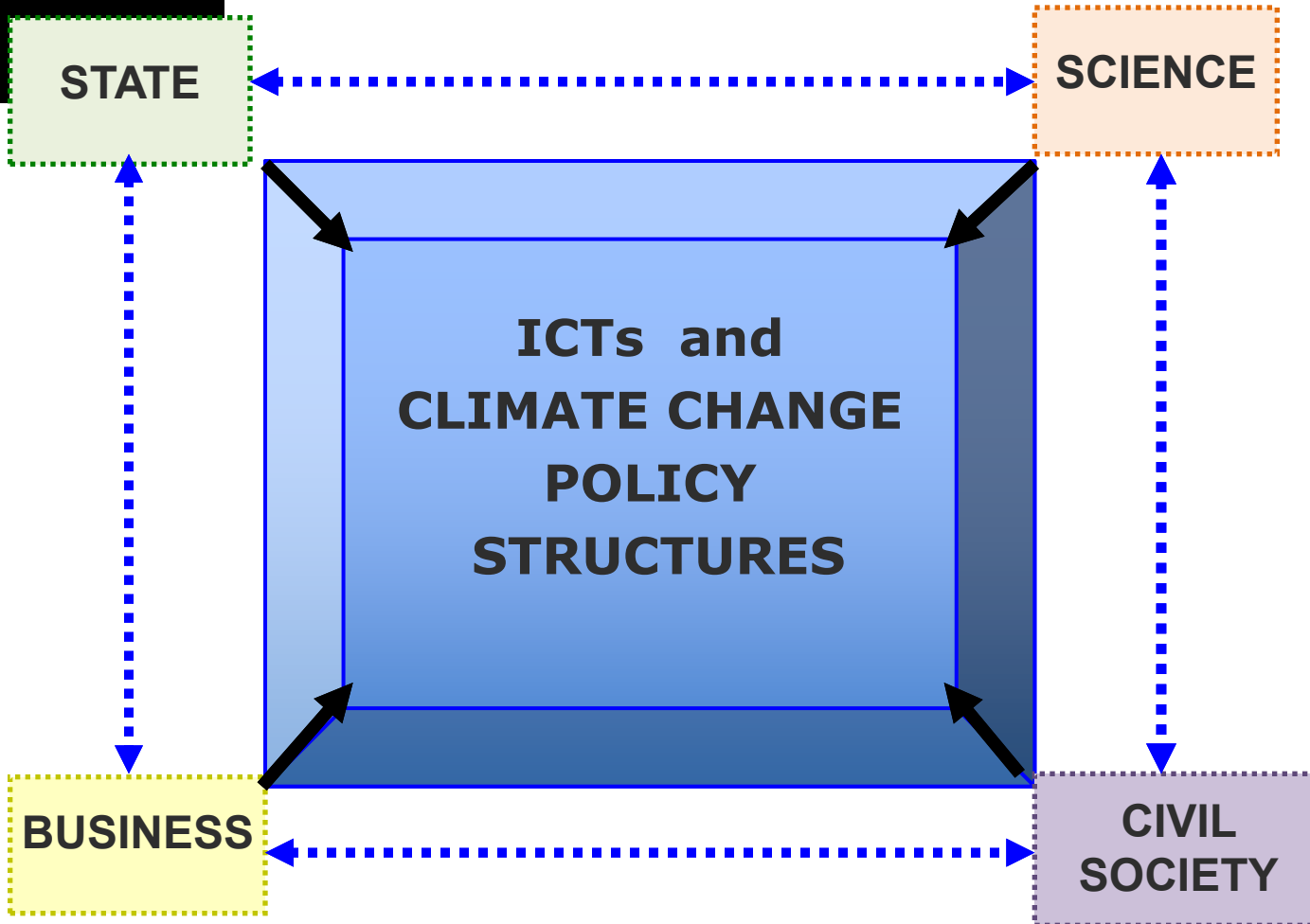> Agriculture and Food Security

> Water

> Health

> Education

> Habitat and Infrastructure

> Terrestrial and Coastal Ecosystems

2c. ICT and Policy Structures

STATE

SCIENCE

**ICTs and
CLIMATE CHANGE
POLICY
STRUCTURES**

BUSINESS

**CIVIL
SOCIETY**

2c. ICT and Policy Structures

Institutional Capacity Building	**Promote the use of ICTs to strengthen the institutions involved in adaptation strategies**

3. Guiding Principles

✓ **ICT** and CC Adaptation as a **Process, not a Blueprint**

✓ ICT and CC Adaptation Strategies as a reflection of **Local Priorities**

✓ ICT and CC Adaptation as an **Opportunity for Innovation**

✓ ICT and CC Adaptation as an **Integrated Approach**

✓ ICT and CC Adaptation Strategies based on a **'Climate-Smart Development' Vision**

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