

**CORDEX South Asia Training Workshop**



**Pune, 17-20 October 2012**

**GEC AND SCIENTIFIC CAPACITY BUILDING**

**WORKSHOP EXPECTATIONS**

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**[www.start.org](http://www.start.org)**



# SysTem for Analysis Research and Training (START)

START International, Inc.  
[www.start.org](http://www.start.org)



Regional centers

# START VISION AND MISSION

**VISION:** Developing countries empowered with scientific capabilities to effectively motivate and inform societal action to manage risks and address opportunities of global environmental change and sustainable development

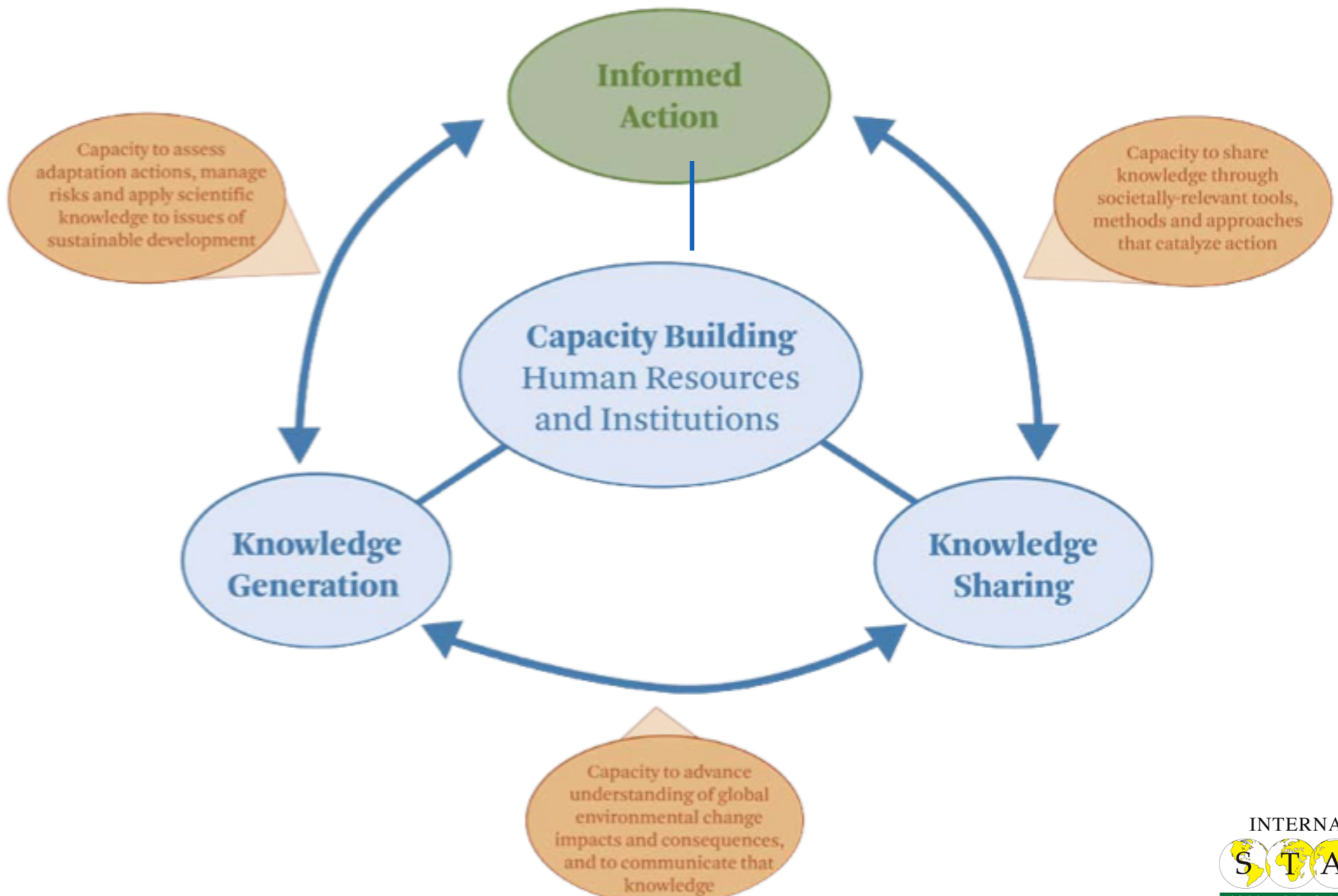
## **MISSION:**

- To **develop regional networks** of collaborating scientists and institutions that assess the causes and impacts of global environmental change and provide relevant information to policymakers and governments to assist in formulating adaptation strategies;
- To **enhance scientific capacity** in developing countries by strengthening and connecting existing institutions, training global change scientists, and providing them with better access to data, research, and communication technology skills; and
- To **mobilize resources** that will augment existing capabilities and actions on global environmental change in developing countries.

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# Capacity building needs within interacting domains of knowledge generation, sharing and informed action

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# START Programs And Activities: a comprehensive portfolio for capacity building and resource mobilization

START's projects and programs support knowledge generation and dissemination that informs policy and decision-making in and across climate-sensitive sectors in Africa and Asia-Pacific. START's current efforts focus on these broad areas:



More information at [www.start.org](http://www.start.org)

## **OBJECTIVES OF THIS EVENT**

- **Further WCRP goals of implementing CORDEX**  
**(Research-based: Knowledge Generation at regional scales)**
- **Further START goal of building capacity**  
**(Regional Networks of collaborating scientists and institutions)**
- **Provide scientific information to**  
**reduce vulnerability and engage in dynamic and**  
**effective process of adaptation**  
**(Applications and informed decision making)**

# Why?

- **Increased awareness of V & need for A**  
(Climate variability and extremes at local to regional spatial scales)
- **Significant prospect of informed decisions/actions**  
(Seasonal to Decadal temporal scales)
- **Supporting Global Framework of Climate Services**  
(Knowledge to action)

## What we hope to do:

- Assess the state of art in downscaling
- Generate a synthesis (publications)
- Implement further collaborative research
- Promote use of CORDEX data and information products in resource sectors
- Contribute toward an Asia-wide Platform for Data and Information Services



## **Need to address**

- **How adequate is the knowledge base?**
- **To what extent do "actors" make use of the knowledge?**
- **What barriers and failures (uncertainties) limit knowledge transfer?**
- **How effectively engage people and institutions to reduce vulnerability and promote dynamic adjustment process (adaptive management)**
- **How improve the interface between modeling and user communities**
- **What are the implications for WCRP and START?**

## **The challenge**

**"Science must be useful and science  
must be used"**

**R. cicerone, US NAS**

# ADAPTATION IN ACTION

