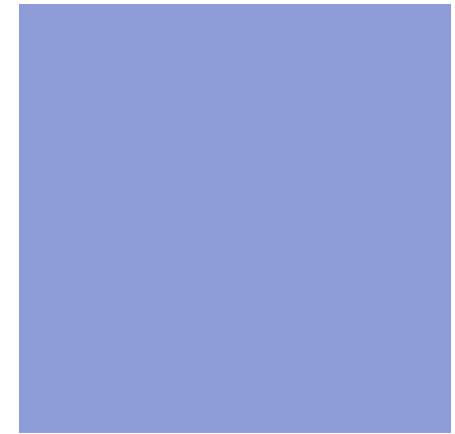


ARCAB



Action Research for Community Adaptation in Bangladesh

June 2012

www.arcab.org

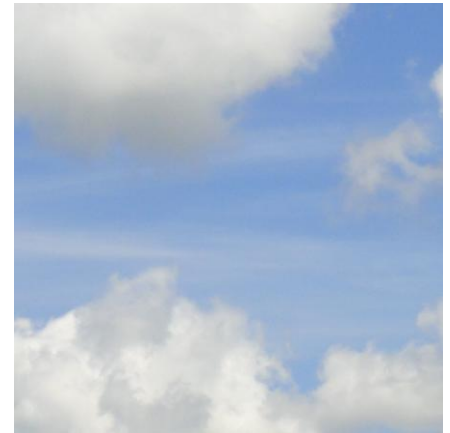


action research for community
adaptation in Bangladesh

The Climate Change Adaptation Challenge

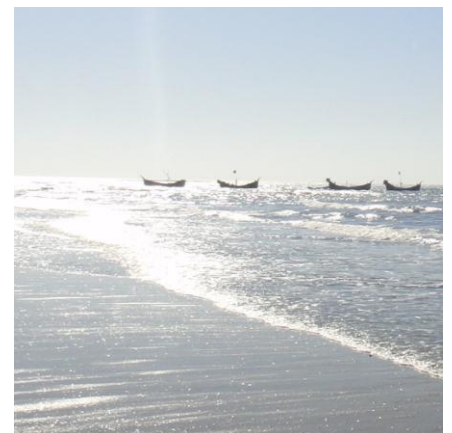
As greenhouse gas emissions continue to rise and populations around the world begin to feel the impacts of climate change, the international community has come to understand the crucial necessity of adaptation.

Climate change will disproportionately harm the world's poorest and most vulnerable people, those who contributed least to the problem.



The Climate Change Adaptation Challenge

Increasing focus is now being placed on how to assist communities with climate change adaptation through efforts to preserve their livelihoods, improve their resilience, and reduce poverty even in the face of major challenges.



The Bangladesh Context

Bangladesh is considered one of the world's most vulnerable countries to climate change.

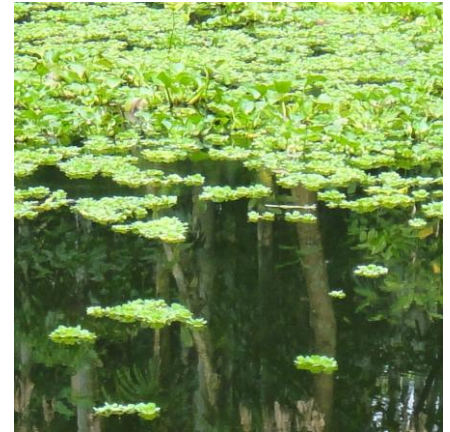
Predicted impacts such as sea-level rise and increased extreme weather events will pose serious challenges in a context of significant poverty and high population densities.



The Bangladesh Context

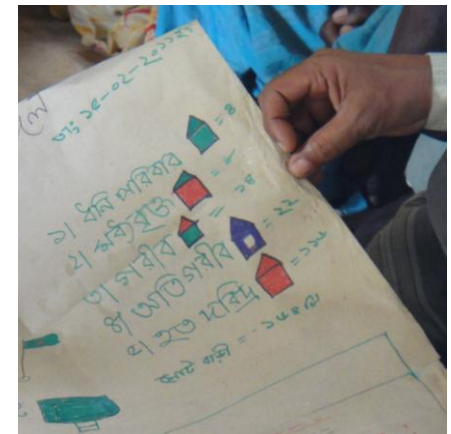
Yet Bangladesh has also taken on a role as a global leader and pioneer among developing nations in responding to climate change.

Lessons learned and success stories from the Bangladesh experience can help guide adaptation in other countries.



What is Community-Based Adaptation?

Community-Based Adaptation (CBA) aims to engage local communities in an empowering process of evaluating their climate vulnerabilities and drawing from both traditional knowledge and advanced scientific research to devise sustainable solutions to climate change adaptation.¹



1. Huq, S. & Reid, R. (2007). *Community-Based Adaptation: An IIED Briefing*. London: IIED.

What is Community-Based Adaptation?

Despite growing agreement about the importance of CBA as a crucial approach to adaptation, few strong case studies and evidence-based analyses exist to guide CBA programs.² More work is needed to build best practices and models for effective CBA.

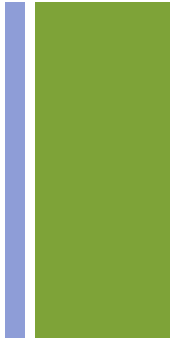


An Action Research Approach



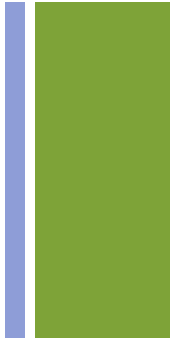
- **ARCAB (Action Research for Community Adaptation in Bangladesh)** aims to pursue a long-term research agenda with a focus on **learning by doing**.
- ARCAB research will assess and draw lessons and new knowledge from the work of NGOs in Bangladesh that are actively implementing community-based adaptation projects in twenty sites across the country.

An Action Research Approach



The two primary goals of ARCAB are:

An Action Research Approach

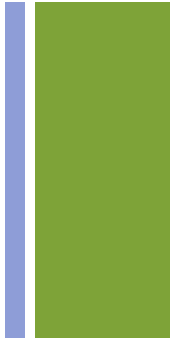


The two primary goals of ARCAB are:

1

To carry out action research into knowledge and actions for adaptation at the community level, in order to support the development of climate resilient communities

An Action Research Approach



The two primary goals of ARCAB are:

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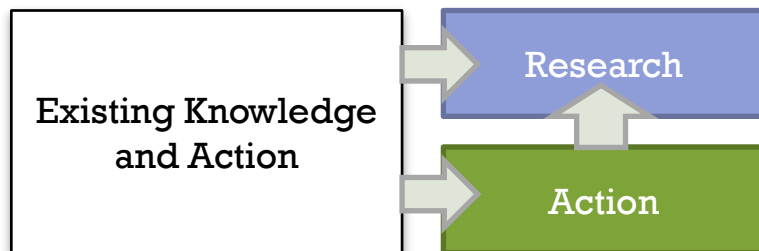
2

To develop knowledge of how to spread information about adaptation to many other communities in order to scale up the adaptation process rapidly

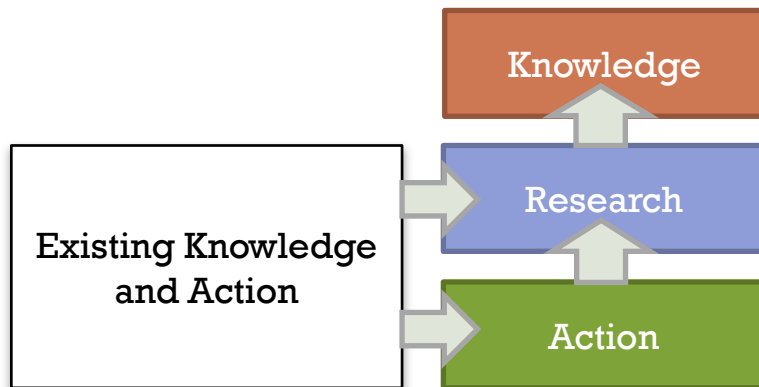
Building on Action Research

Existing Knowledge
and Action

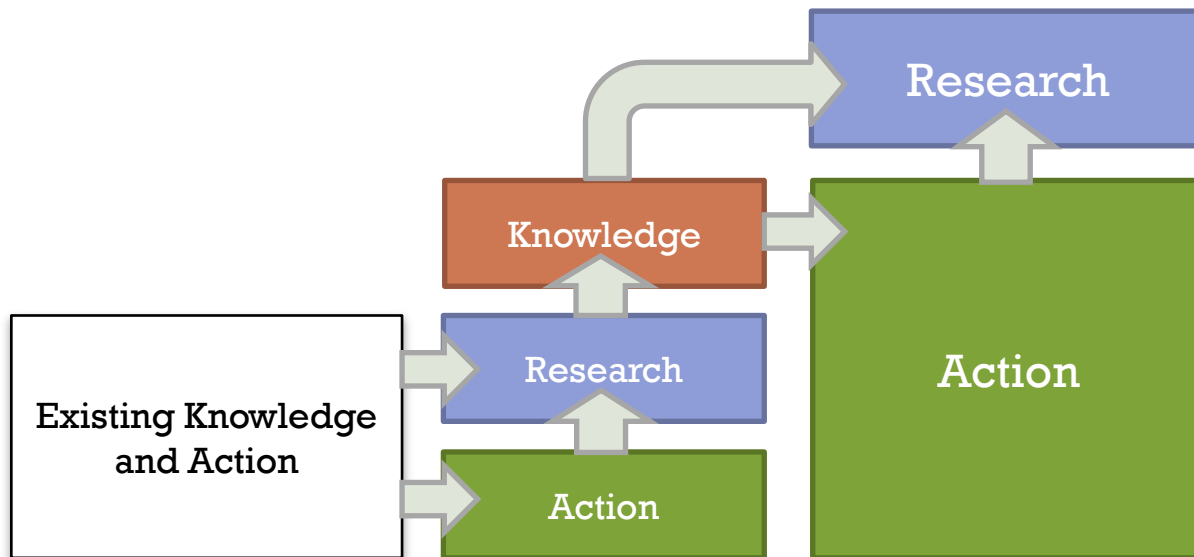
Building on Action Research



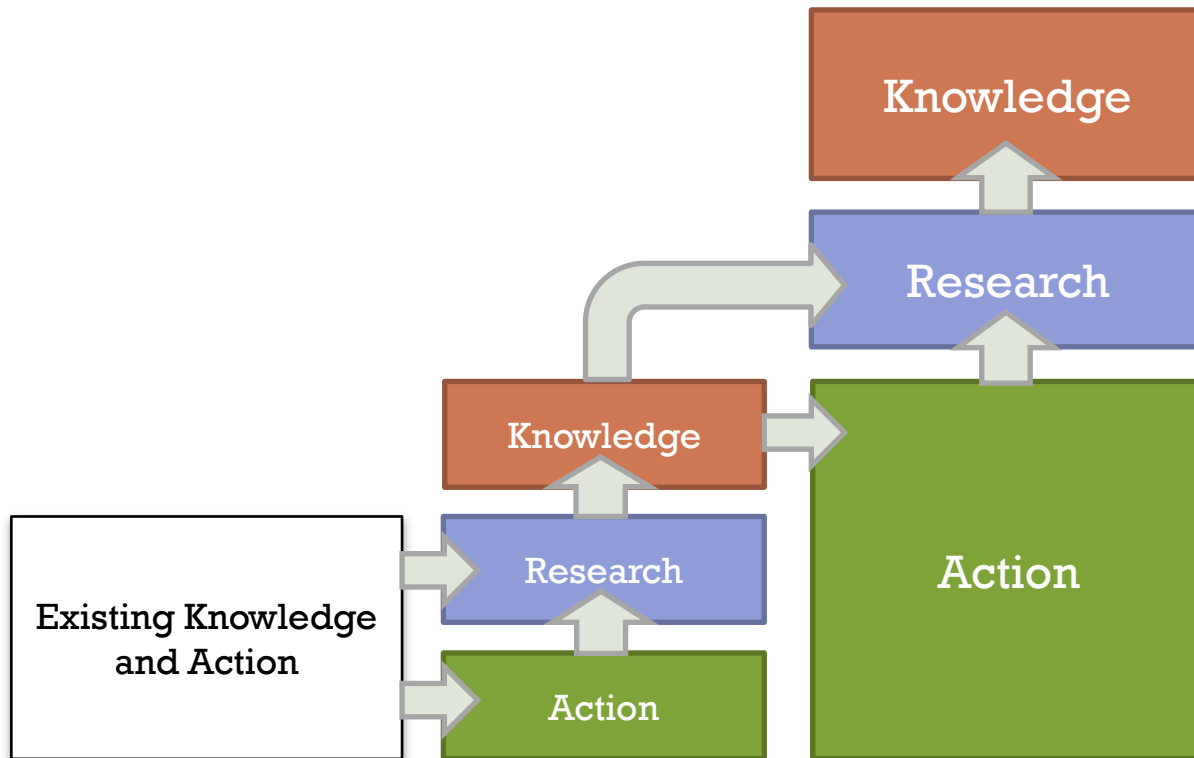
Building on Action Research



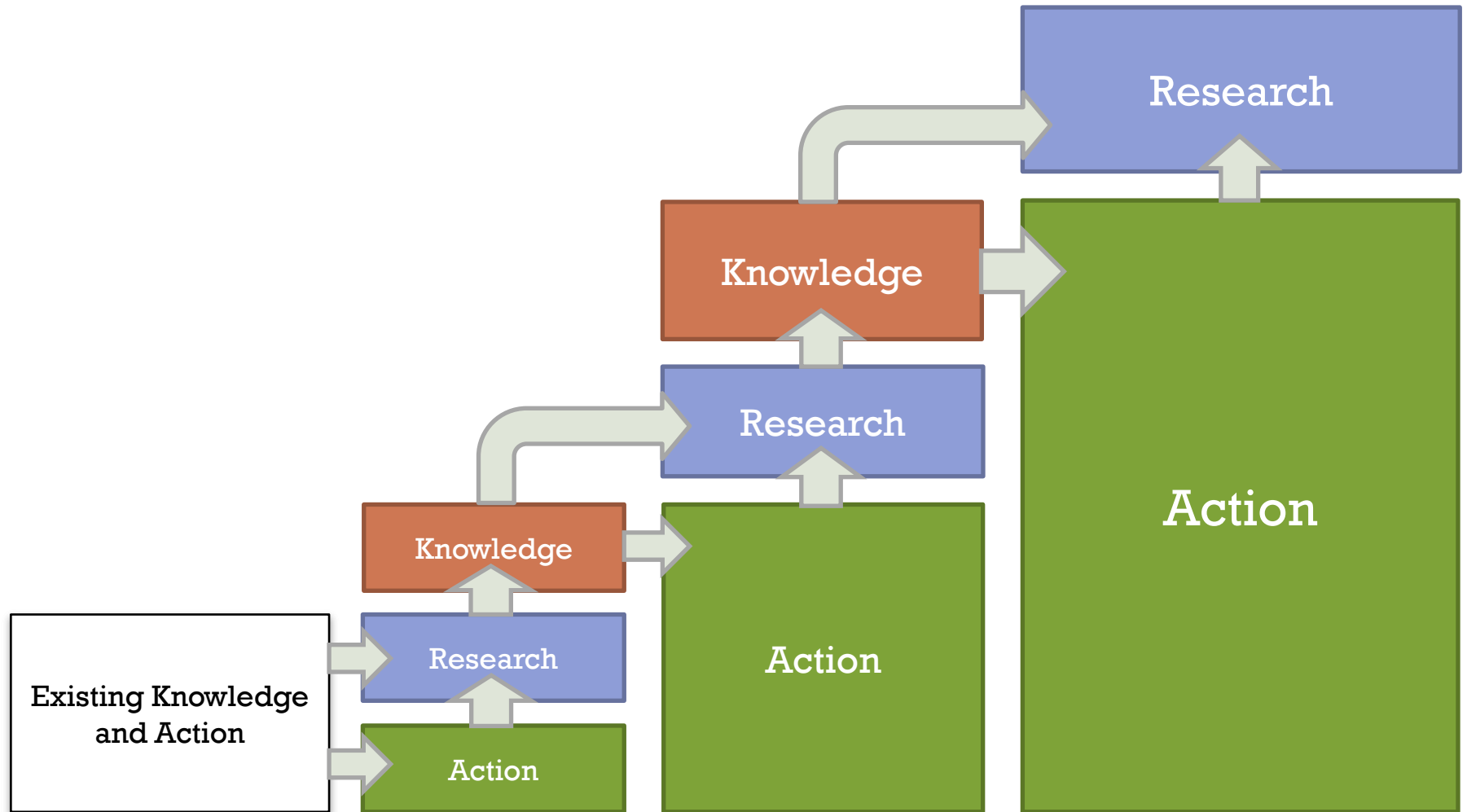
Building on Action Research



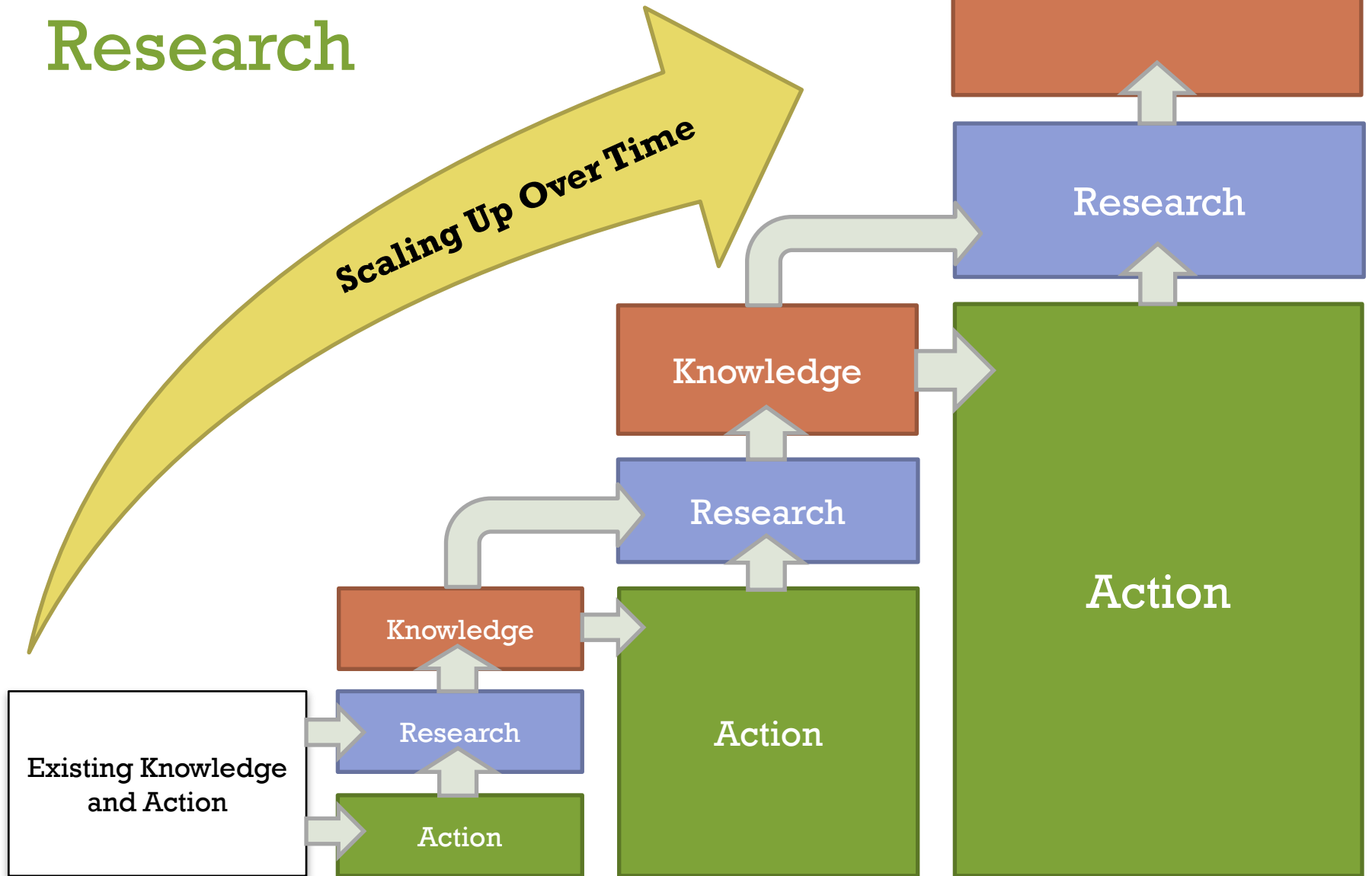
Building on Action Research



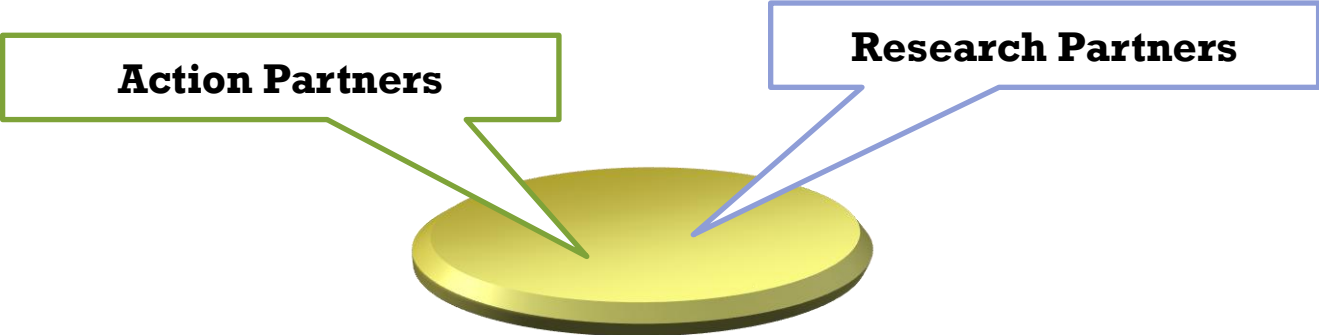
Building on Action Research



Building on Action Research



Collaboration at ARCAB Sites



Collaboration at ARCAB Sites

Action Partners

- 10 international NGOs working on CBA
- 20 sites from different ecosystems across Bangladesh selected for ARCAB research
- ARCAB will work with partners to design research that evaluates the effectiveness of CBA activities



PRACTICAL ACTION
Technology challenging poverty



CONCERN
worldwide



Oxfam

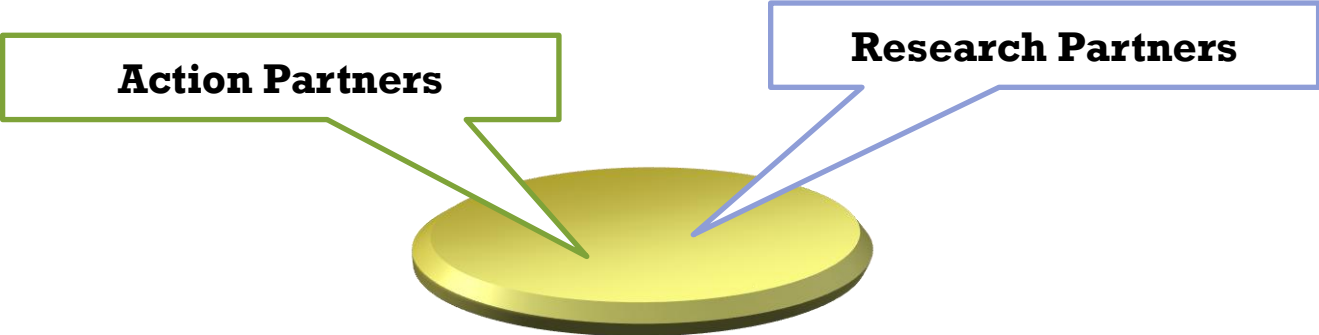


act:onaid



Research Partners

Collaboration at AR CAB Sites



Collaboration at ARCAB Sites

Research Partners

- International, national, and regional institutions will bring their expertise to the evaluation of projects at ARCAB sites
- Researchers will work with Action Partners to design short, medium, and long-term research plans across many themes related to CBA



UNIVERSITY OF LEEDS



Imperial College
London



UNITED NATIONS
UNIVERSITY



icddr,b
KNOWLEDGE FOR
GLOBAL LIFESAVING SOLUTIONS



Rajshahi
University



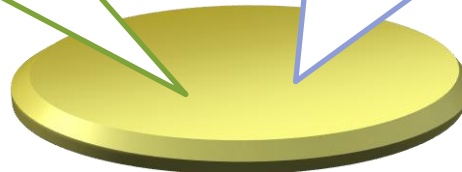
THE UNIVERSITY OF
MELBOURNE

C&GIS

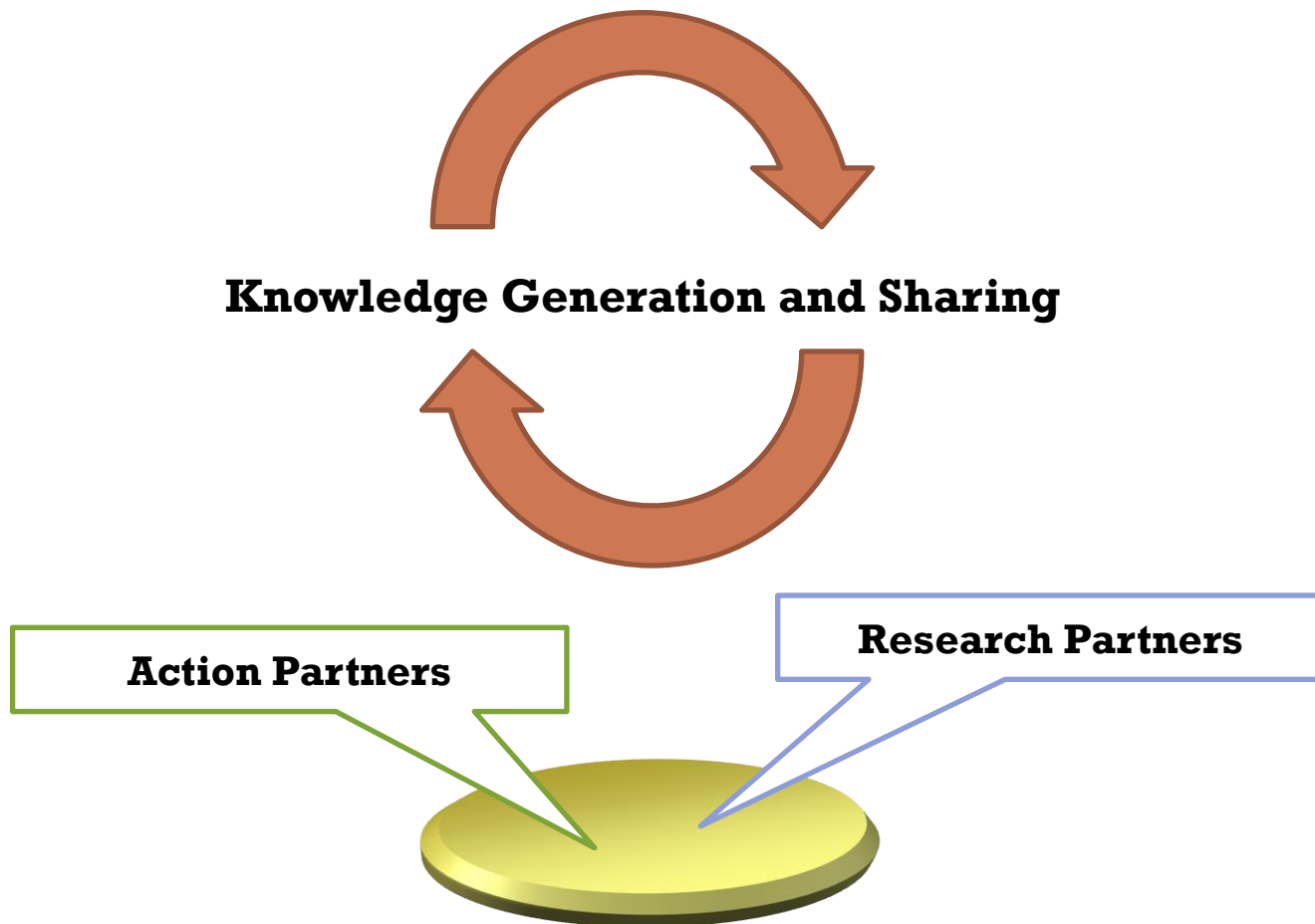
fhrc

Flood Hazard
Research Centre

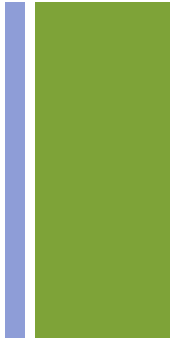
Action Partners



Collaboration at ARCAB Sites



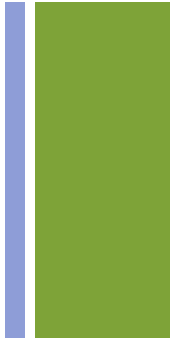
Research Teams & Themes



Research Team

Each of the *ARCAB* research themes will have a dedicated team working in one or more sites across Bangladesh

Research Teams & Themes

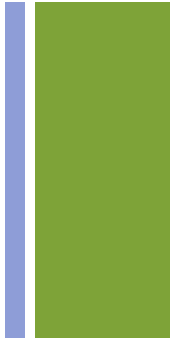


Research Team

Theme Leader

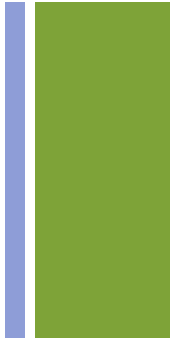
*Oversees overall research program
(often from outside Bangladesh)*

Research Teams & Themes



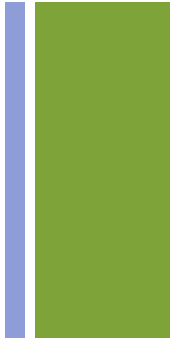
Manages team based in Bangladesh

Research Teams & Themes



Carries out data collection and may be embedded within Action Partners

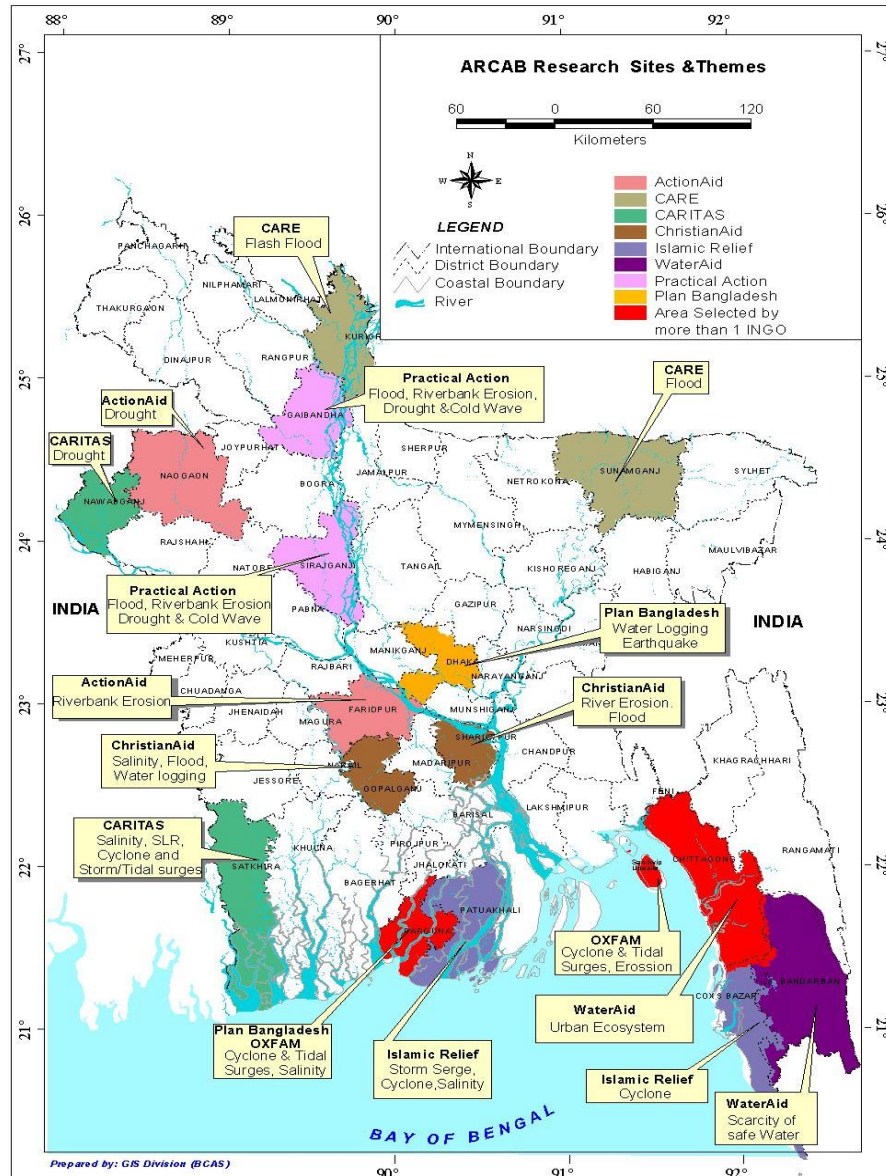
Research Teams & Themes



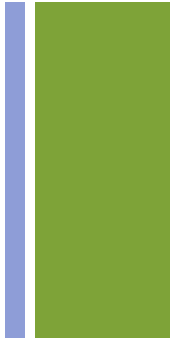
Many themes have already been selected, and more may be chosen based on need and interest



ARCAB Research Sites



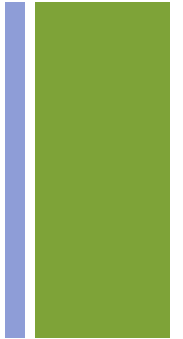
Research Timeframes



Each research team will develop a research plan to achieve goals and generate knowledge across three timeframes



Research Timeframes



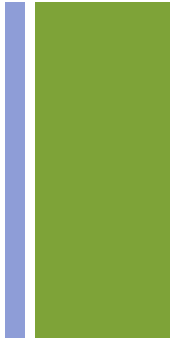
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Short Term



1 Year

Research Timeframes



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Short Term



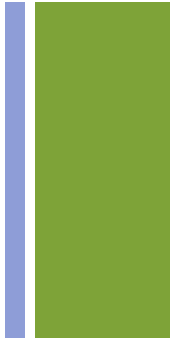
Medium Term



1 Year

5 Years

Research Timeframes



Each research team will develop a research plan to achieve goals and generate knowledge across three timeframes

Short Term



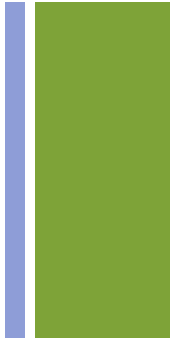
Medium Term



Long Term



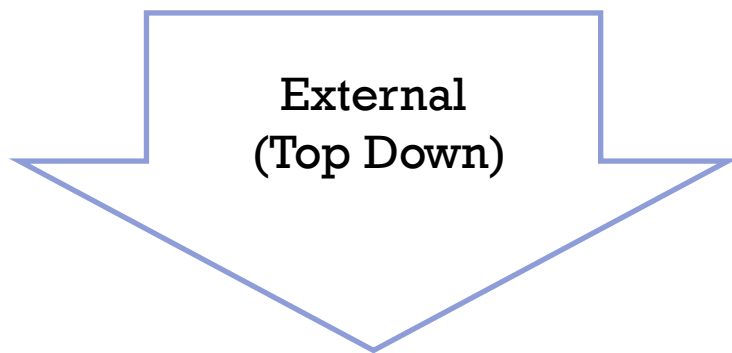
Monitoring and Evaluation (M&E)



M&E for ARCAB projects will combine both external and participatory approaches

Monitoring and Evaluation (M&E)

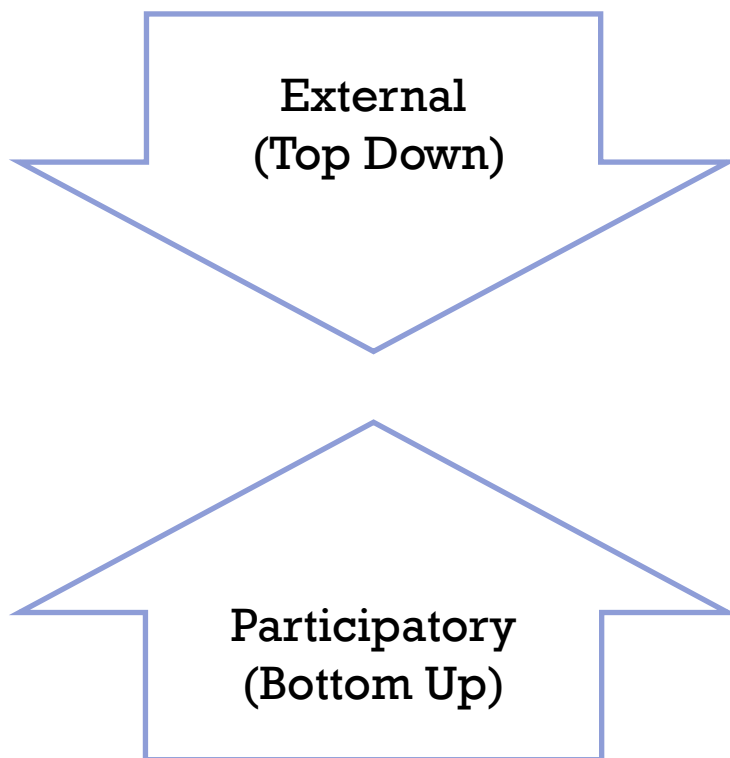
M&E for ARCAB projects will combine both external and participatory approaches



Primary stakeholders include donors asking whether money was used effectively to meet desired goals

Monitoring and Evaluation (M&E)

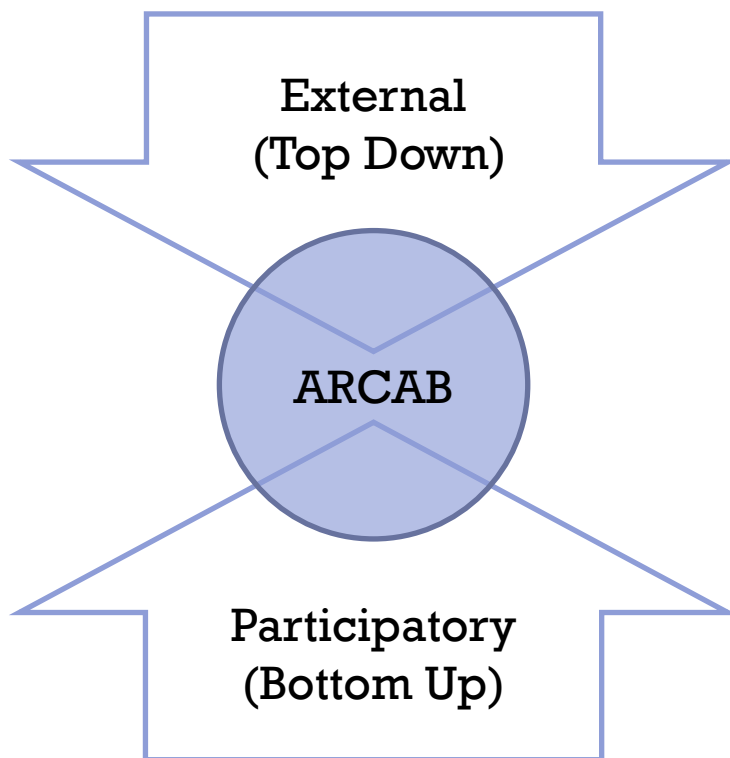
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Primary stakeholders include communities themselves asking whether CBA worked to meet their needs

Monitoring and Evaluation (M&E)

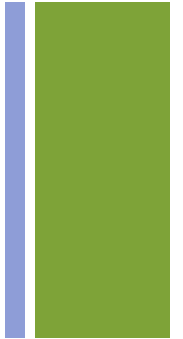
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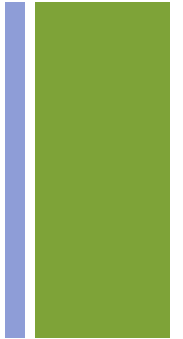
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Sharing Knowledge

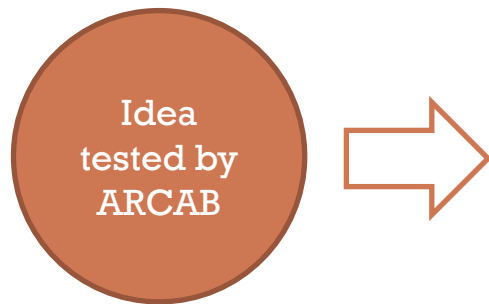
ARCAB aims to use rigorous research to develop proven adaptation strategies that can then be scaled up and replicated in many locations



Sharing Knowledge

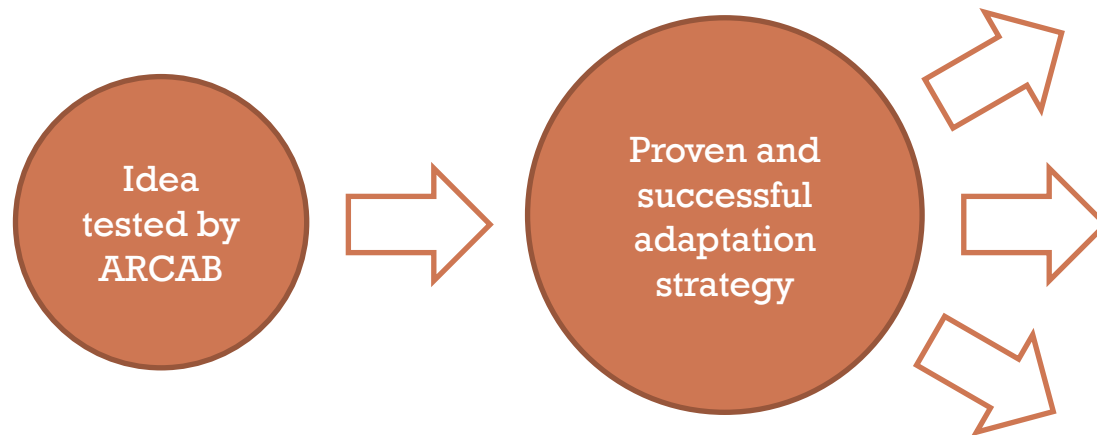


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Sharing Knowledge

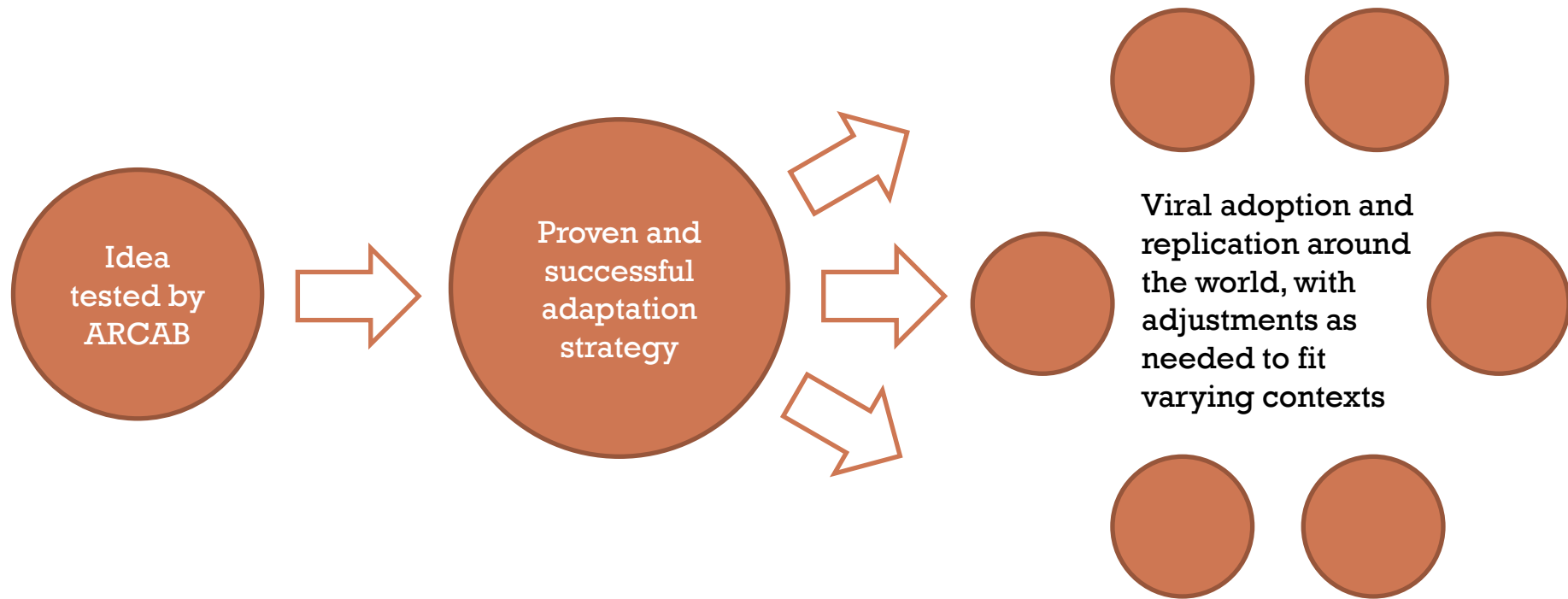
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Sharing Knowledge



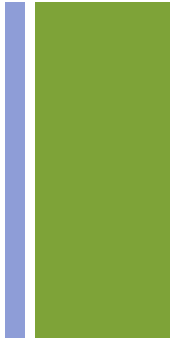
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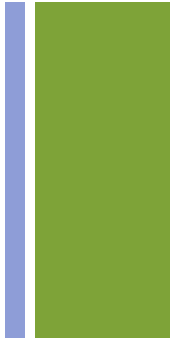
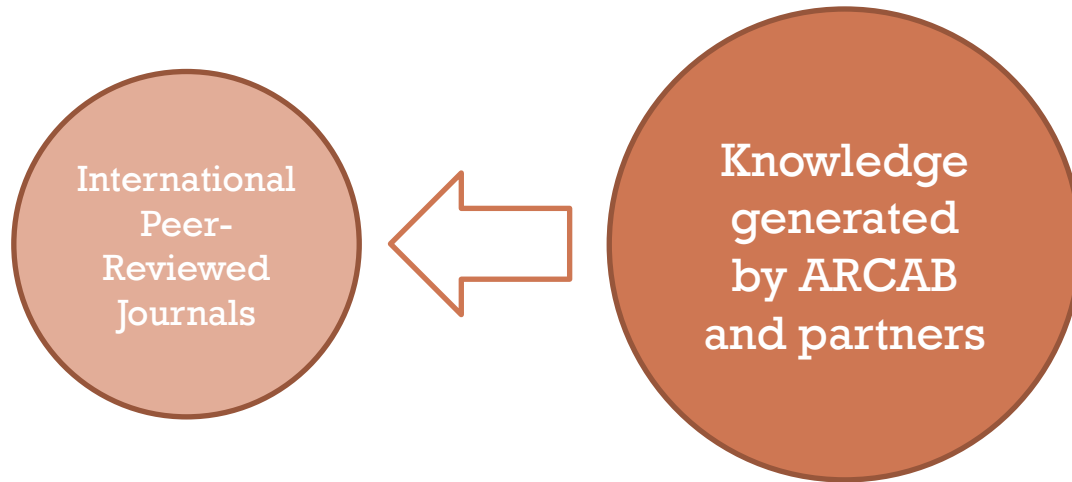
Key Target Audiences



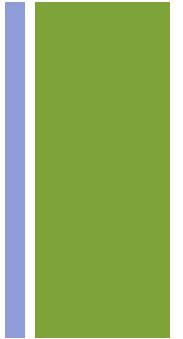
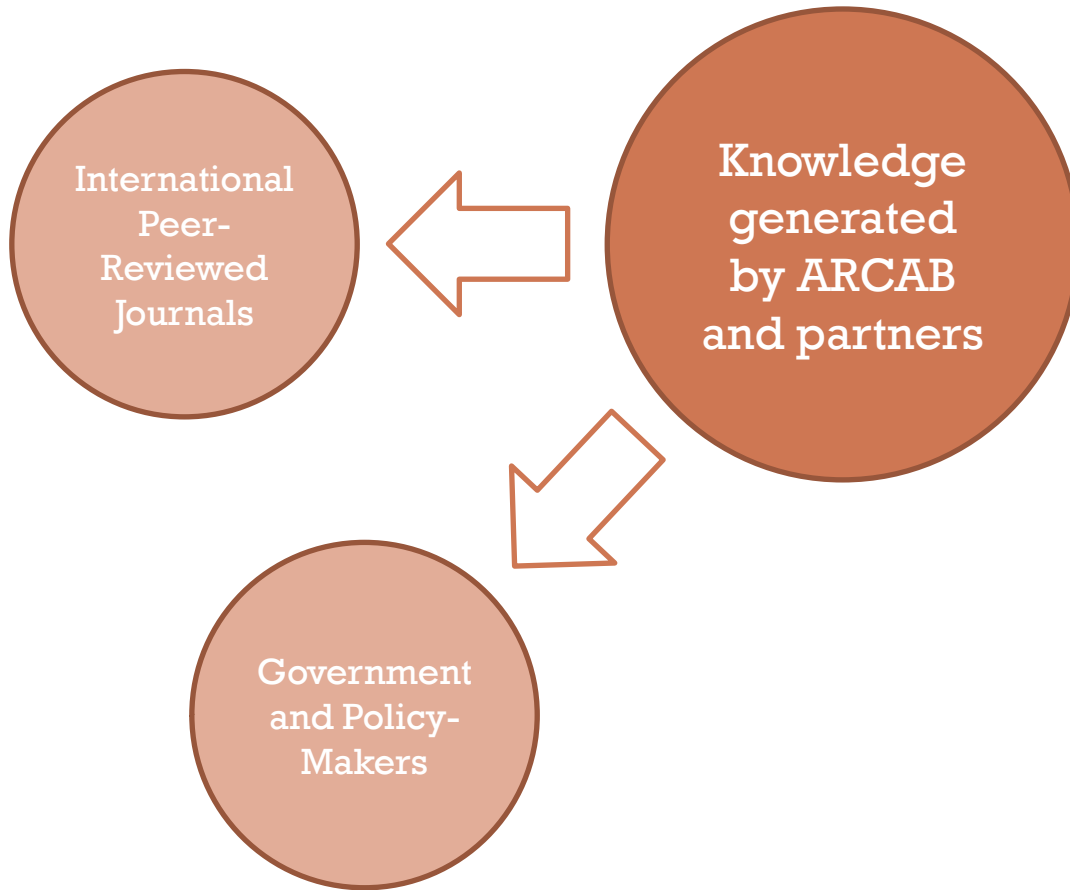
Knowledge
generated
by ARCAB
and partners



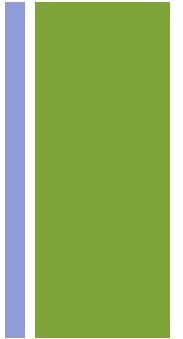
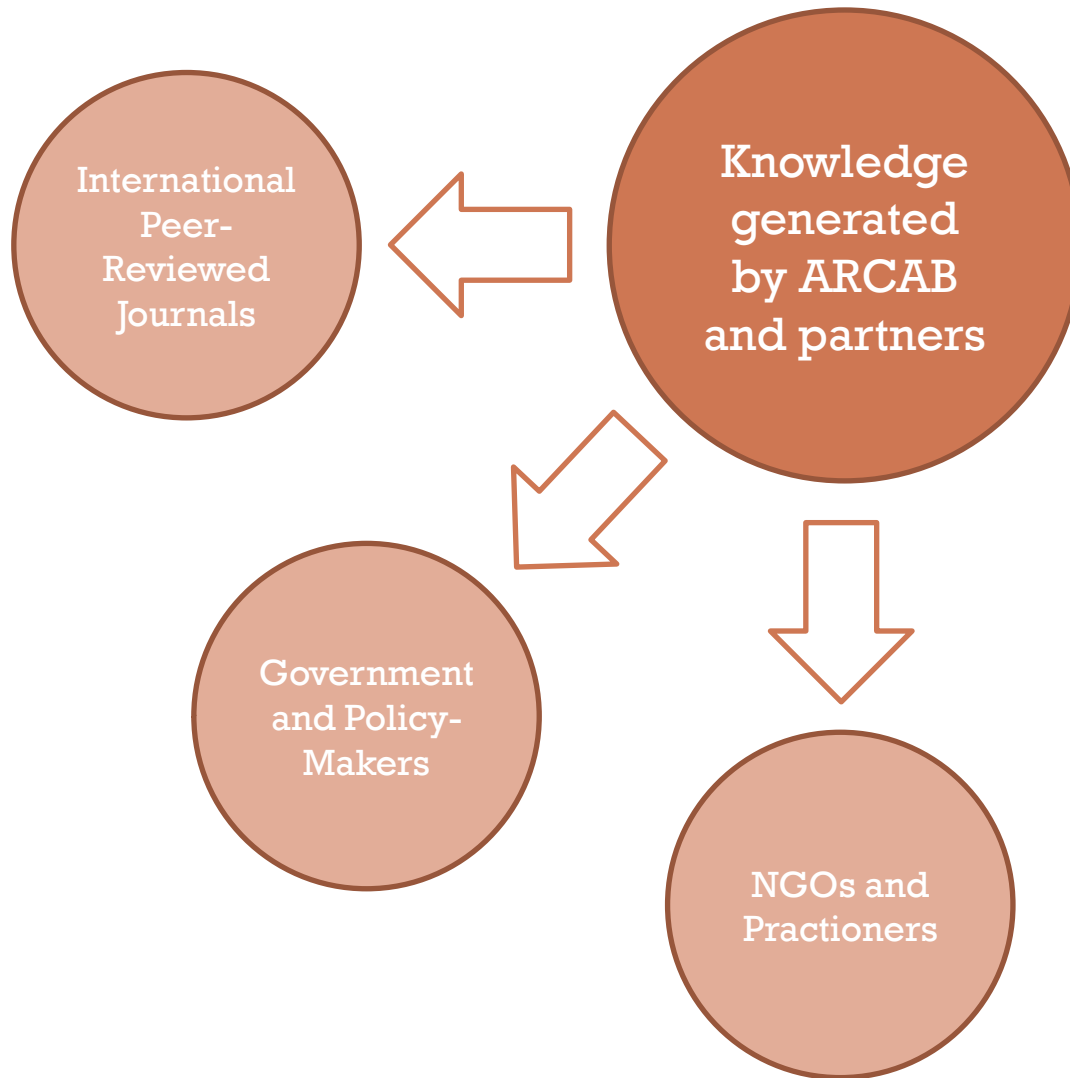
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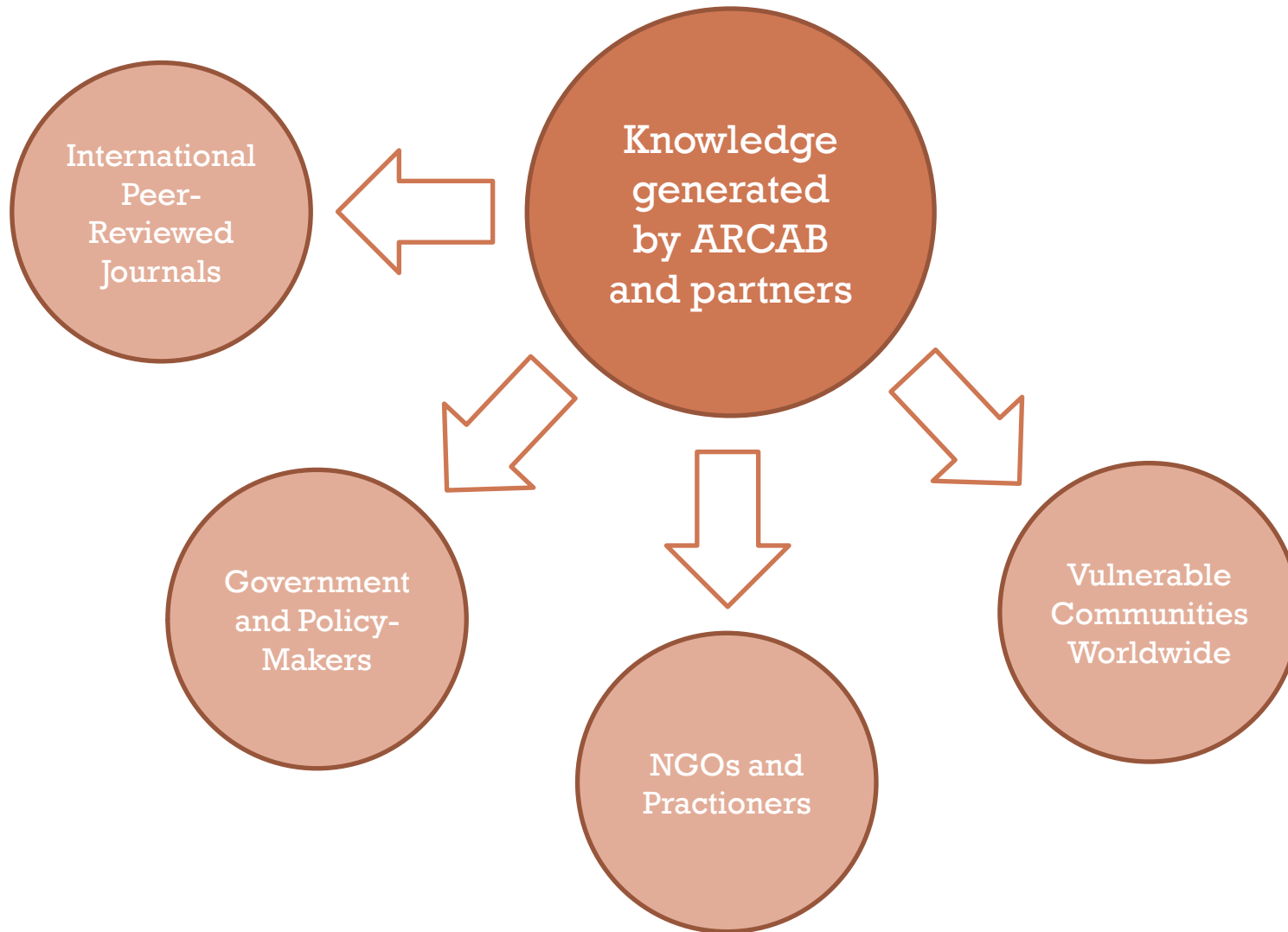
Key Target Audiences



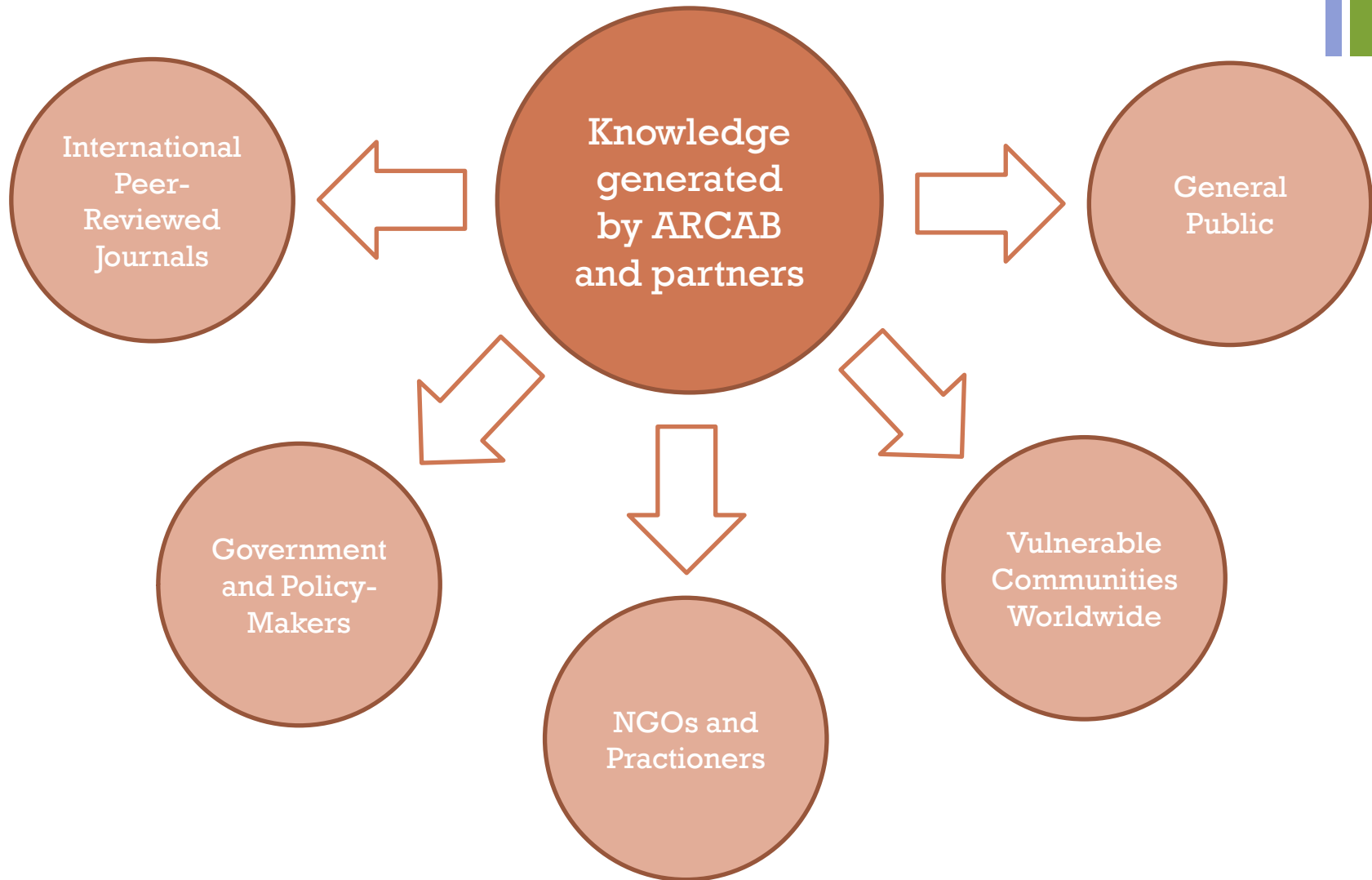
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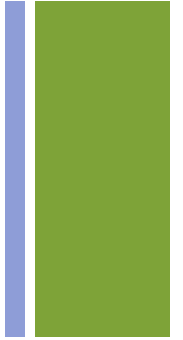
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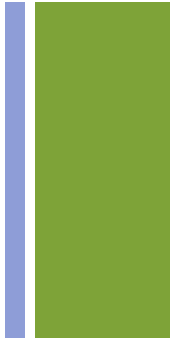
Outreach Through Conferences



Regional CBA Conferences

Held annually across Bangladesh in each of 7 divisions
Hosted by a local university and sponsored by an Action Partner

Outreach Through Conferences



National CBA Conference

Held annually in Dhaka to highlight work from across Bangladesh
First annual conference: April 8-9, 2012

Regional CBA Conferences

Held annually across Bangladesh in each of 7 divisions
Hosted by a local university and sponsored by an Action Partner

Outreach Through Conferences



International CBA Conference

Held annually, with hosts alternating between Bangladesh and another climate-vulnerable country

Sixth Annual Conference: April 16-22, 2012, Hanoi, Vietnam

National CBA Conference

Held annually in Dhaka to highlight work from across Bangladesh

First annual conference: April 8-9, 2012

Regional CBA Conferences

Held annually across Bangladesh in each of 7 divisions

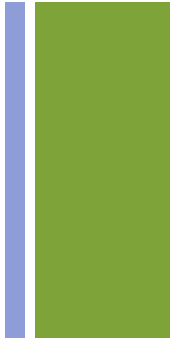
Hosted by a local university and sponsored by an Action Partner

Knowledge Management Partner

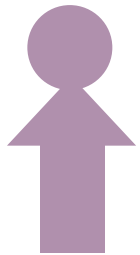
ARCAB will partner with the **Regional Climate Change Adaptation Knowledge Platform for Asia** to make findings easily accessible by the international community



Capacity Building and Training

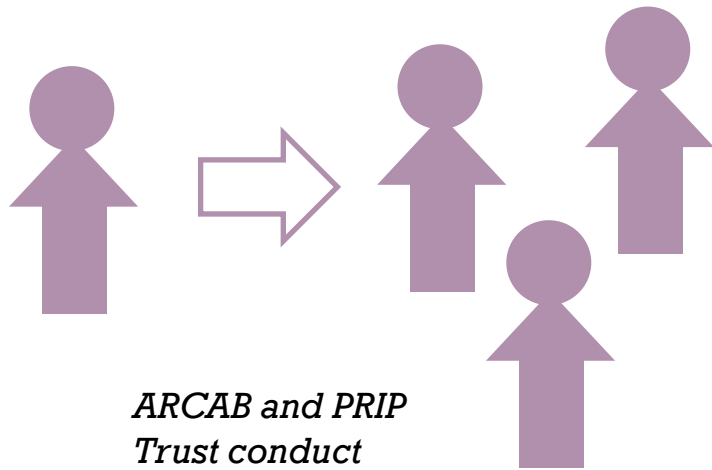


Within Bangladesh, **PRIP Trust** will work with ARCAB to build capacity among NGOs and other partners for planning and implementation of community-based adaptation



Capacity Building and Training

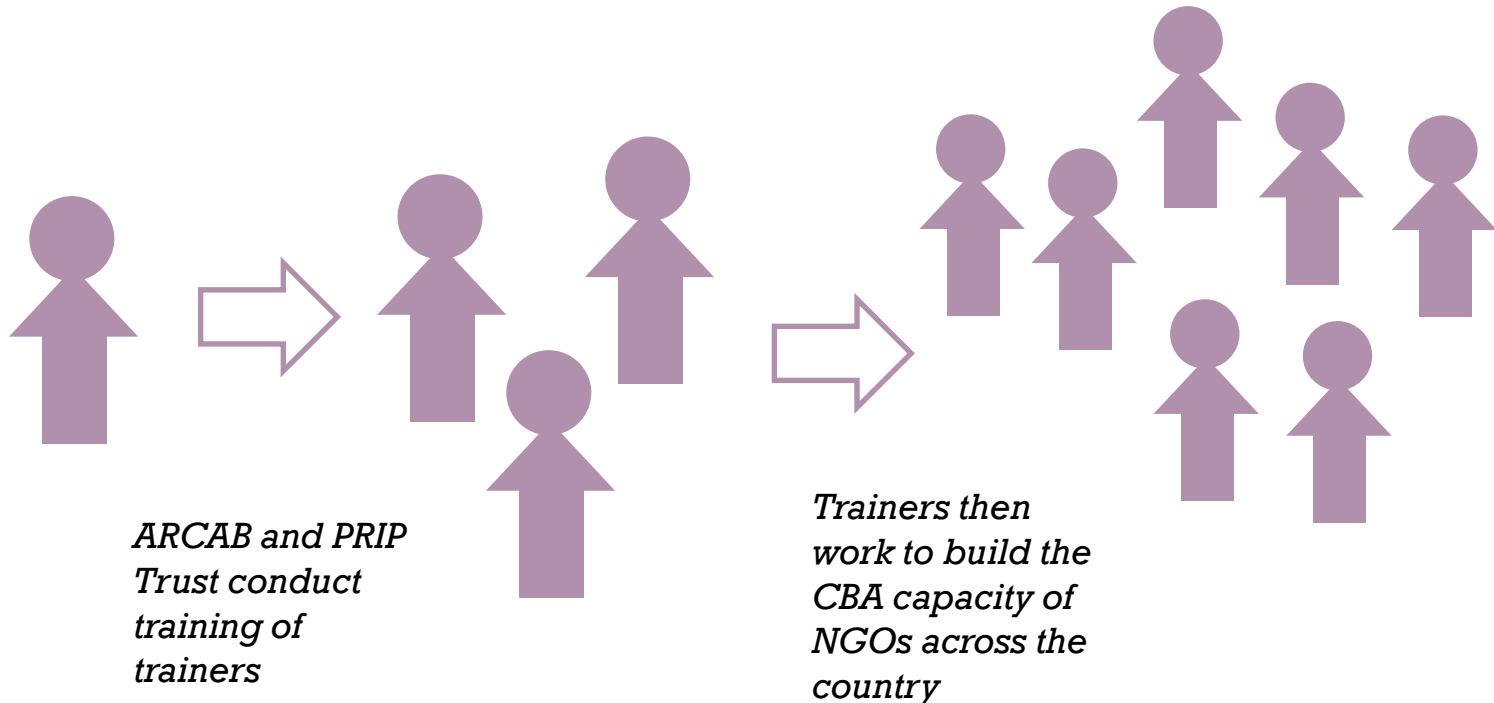
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*ARCAB and PRIP
Trust conduct
training of
trainers*

Capacity Building and Training

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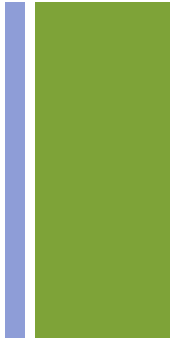
Capacity Building and Training



Globally, the **International Center for Climate Change and Development (ICCCAD)** will increase capacity for CBA through a series of short courses, workshops, and other events for representatives from countries around the world

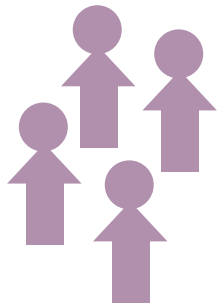
To date, eight short courses have been held for a variety of themes and groups, including:

Capacity Building and Training

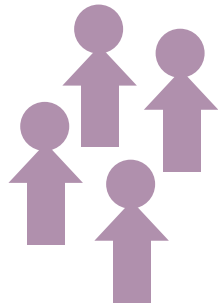


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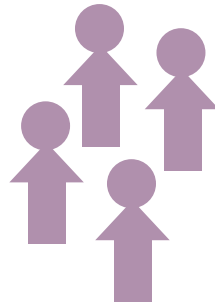
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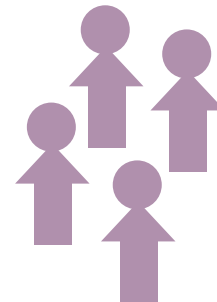
*Least Developed
Country Negotiators*



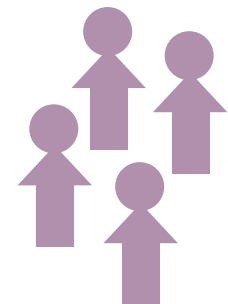
*Government
Planning Officials*



*NGO and
International
Organization
Staff*



Disaster Risk Reduction



*Academics from
Africa*

Innovation Research Initiative Fund (IRIF)

Will offer grants of up to

\$5,000

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To support projects proposed by
young researchers in Bangladesh
and other countries

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Will offer grants of up to

\$5,000

To support projects proposed by
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and other countries

On the condition that they submit
their completed work to an
international journal

For more information and updates on ARCAB, please visit

www.arcab.org

