

Adapting to Climate Change in China (ACCC)

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Strengthening Capacities to Access and Manage Adaptation
Knowledge

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What is the ACCC Project?

- ACCC is an innovative policy research project, supporting China's response to the impacts of climate change (NAS).
- International sharing of China's experience with other developing countries to enhance their resilience to climate change.
- Government Partners: DFID, DECC, SDC, NDRC, Provincial DRCs
- Working with the key research institutions for socio-economic and physical science, nationally and in the 3 pilot provinces
- 5 Sectors: Water, Public Health, Disaster Risk, Grasslands & Livestock, Agriculture

What is the Project Focus?

1. Supporting evidence-based adaptation planning through access to relevant and robust data, tools and information
2. Mainstreaming climate change adaptation policies into development planning
3. Producing comprehensive impact, vulnerability and risk assessments at the national and subnational level
4. Building capacity and providing technical support on adaptation responses at the subnational level
5. Sharing China's experience with other developing countries to enhance their own resilience to the impacts of climate change.



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Adapting to Climate Change in China
Sharing Knowledge Globally

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National Development and
Reform Commission

DFID Department for
International
Development

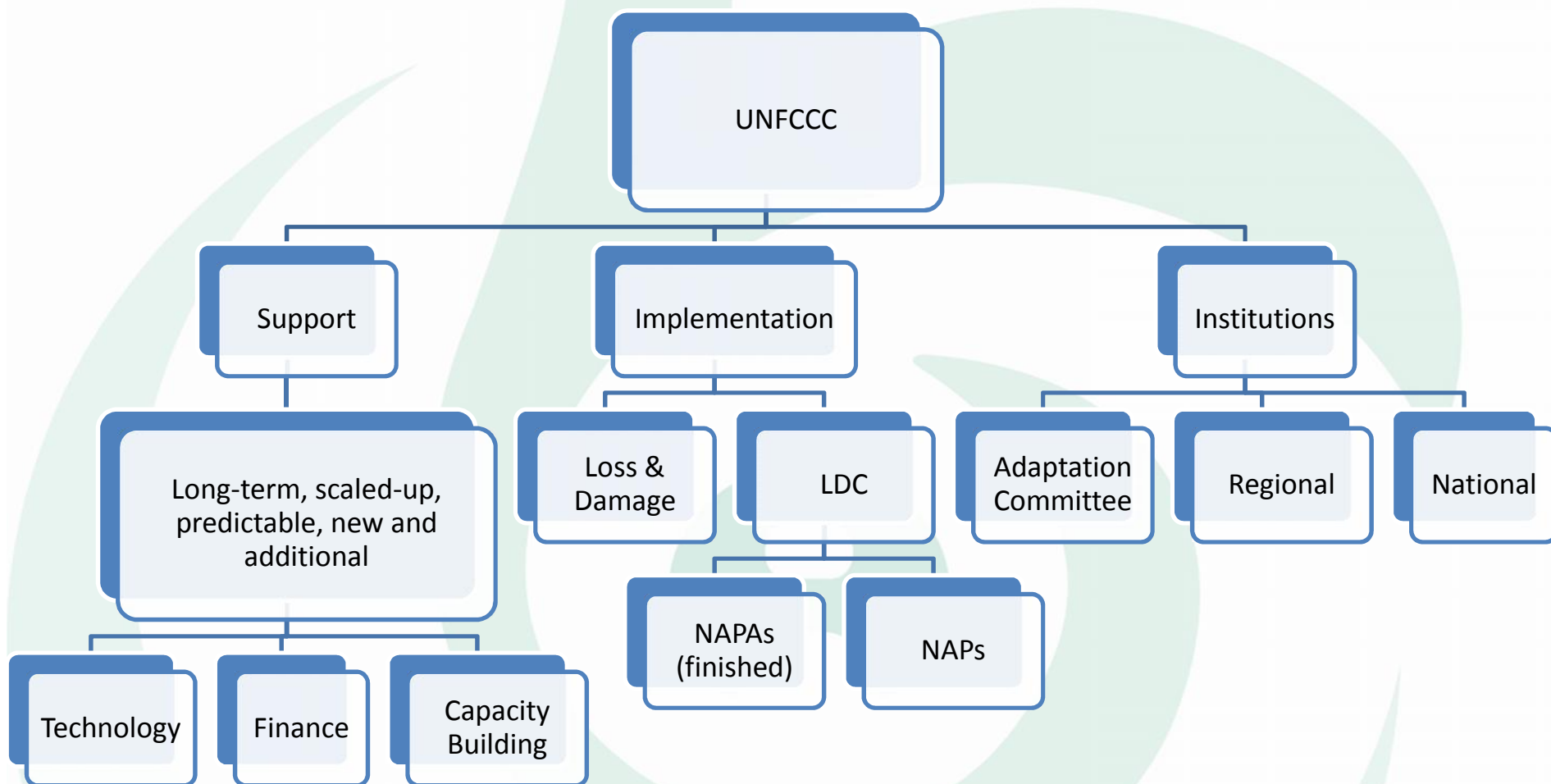


Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Federal Department of Foreign Affairs FDFA
Swiss Agency for Development and Cooperation SDC

DEPARTMENT OF
**ENERGY
& CLIMATE CHANGE**

What existing knowledge and provision is there?



UNFCCC

Convention - Art 4.1(b), (e), (f)
Art 4.4, Art 4.8, Art 4.9

Kyoto Protocol

COP10
(first mandate)

Cancun Accords

Durban
Platform

Art 10(b)

Nairobi Work
Programme

Cancun
Adaptation
Framework

Adaptation
Committee

Work
Programme on
Loss & Damage

LDC National
Adaptation
Planning

All Parties shall formulate, implement, publish and regularly update national and regional programmes containing measures to mitigate climate change & measures to facilitate adequate adaptation to climate change

To improve understanding & assessment of impacts, vulnerability and adaptation; and make informed decisions on practical adaptation actions and measures

To enhance action on adaptation, through international cooperation & coherent consideration of matters relating to adaptation

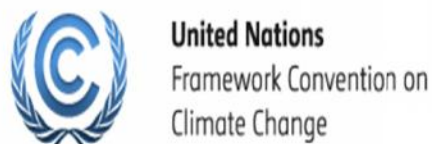
To promote the implementation of enhanced action on adaptation in a coherent manner (through i.a. technical support, communication, evaluation linking work, body of good practice)

To consider approaches to address loss & damage associated with climate change impacts in developing countries that are particularly vulnerable to the adverse effects of climate change

To enable LDCs to formulate and implement NAPs, building on the NAPAs experience of identifying MT and LT adaptation needs and developing and implementing strategies. Modalities are to be shared with other countries.



What existing knowledge and provision is there?



CC DARE

Climate Change and Development
- Adapting by Reducing Vulnerability



Global Forum
on Food Security
and Nutrition



ELLA
Evidence and lessons
from Latin America





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Strategic Knowledge Sharing – ACCC's definition

Strategic knowledge sharing

- **Systematic:** planned strategies utilising key channels and UN frameworks
- **Delivering Objectives;** focused on increasing resilience
- **Understanding audiences:** research, influencer mapping, direct engagement
- **Connecting with them:** tailoring via combined efforts, credible voices, international partners & platforms (i.e. CDKN, UN) - using channels they rely on and trust
- **Increasing Resilience:** delivering and measuring our impact through M&E



Our IKS & Communication Principles

Take care in what we share

High-quality, robust research highlights

Tailored and targeted engagement

with our audience

Promote
Real Substance

Don't rely on jargon

Use
Credible Voices
and channels to promote our message

Understand our Audience

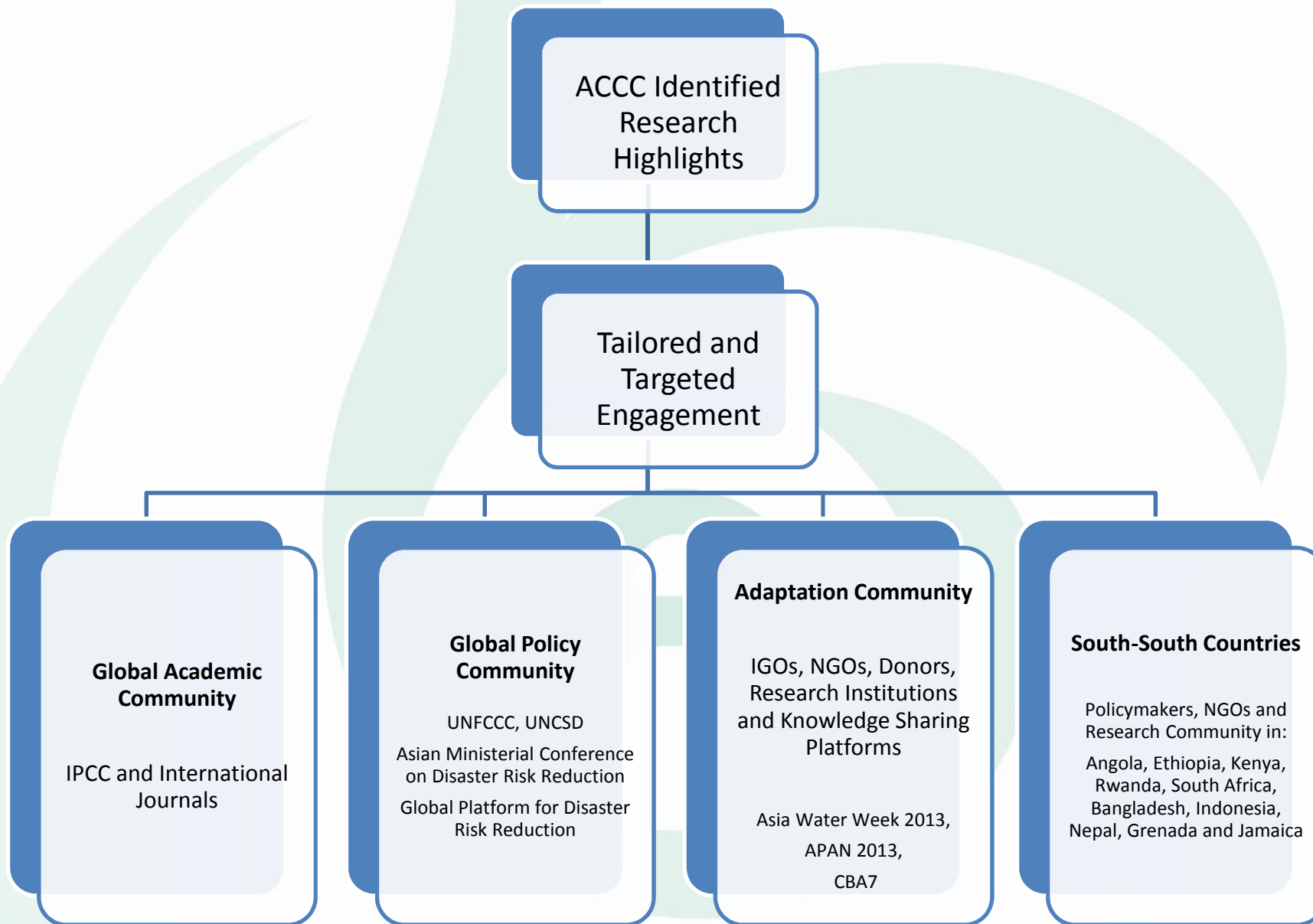
What are their needs? In what format and language do they need it?

Be Principled

Country-driven, gender-sensitive, participatory and fully transparent.

Who are the Users?

Mapping ACCC's Audience



Audience Focus: Policy Maker

Country	Lead Ministry	Climate Fund/s	Development Strategy	Regional Membership
Angola	Ministry of Environment	–	Long-term Development Strategy 2025	SADC, COMESA, ECCAS
Bangladesh	Ministry of Environment and Forests	Climate Change Resilience Fund; Multi Donor Trust Fund	Vision 2021	SAARC, BIMSTEC
Ethiopia	Environmental Protection Authority	Strategic Climate Change Facility	Growth and Transformation Plan	COMESA, IGAD
Grenada	Ministry of Environment, Foreign Trade and Export Development	–	National Strategic Development Strategy	CARICOM, OECS
Indonesia	Ministry of National Development Planning	Climate Change Trust Fund	RPJPN (National Long-Term Development Planning) 2025	ASEAN
Jamaica	Ministry of Water, Environment and Climate Change	Strategic Climate Fund	Vision 2030: National Development Plan	CARICOM
Kenya	Ministry of Environment and Mineral Resources	–	Vision 2030	EAC, COMESA, IGAD
Nepal	Ministry of Environment, Science and Technology	–	Sustainable Development Agenda for Nepal	SAARC, BIMSTEC
Rwanda	Ministry of Natural Resources	Climate Change and Environment Fund	Vision 2020	EAC, COMESA
South Africa	Ministry of Water and Environmental Affairs	–	National Development Plan 2030	SADC, COMESA



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What are the audience needs?

Country	Temperature rise	Sea level rise	Flooding	Drought	Cyclone/ Hurricane	Rainfall change
Angola	√	√	√	√		√
Bangladesh	√	√	√	√	√	√
Ethiopia	√		√	√		√
Grenada	√	√	√	√	√	√
Indonesia	√	√	√	√	√	√
Jamaica	√	√	√	√	√	√
Kenya	√	√	√	√		√
Nepal	√		√	√		√
Rwanda	√		√	√		√
South Africa	√	√	√	√		√

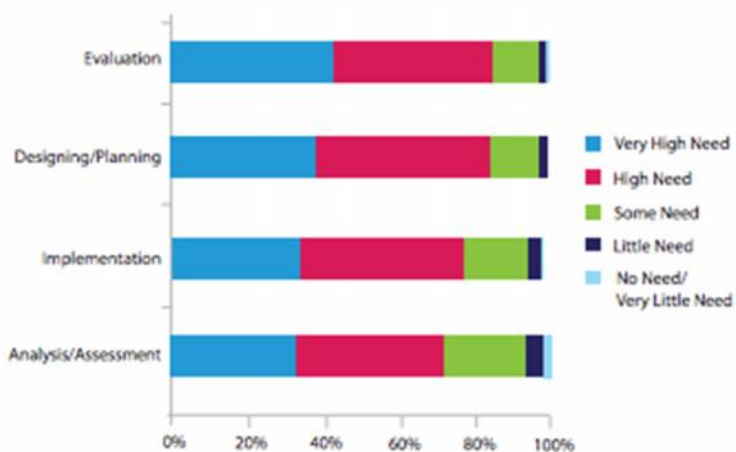
CASSALD Report, Simpson M. et al., 2012, Table 3.3 Direct climate impacts

What are the audience needs?

Country	Water	Health	Agriculture	Fisheries/ Coasts	Forestry	Infrastruc- ture	Bio- diversity	Tourism	Disaster Managem- ent
Angola	√	√	√	√		√	√		√
Bangladesh	√	√	√	√		√			√
Ethiopia*	√	√	√						
Grenada	√	√	√	√		√		√	√
Indonesia	√	√	√	√	√	√	√		
Jamaica	√	√	√	√		√		√	√
Kenya*	√	√	√	√			√	√	
Nepal	√	√	√					√	√
Rwanda	√	√	√		√	√	√		√
South Africa	√	√	√	√		√	√	√	

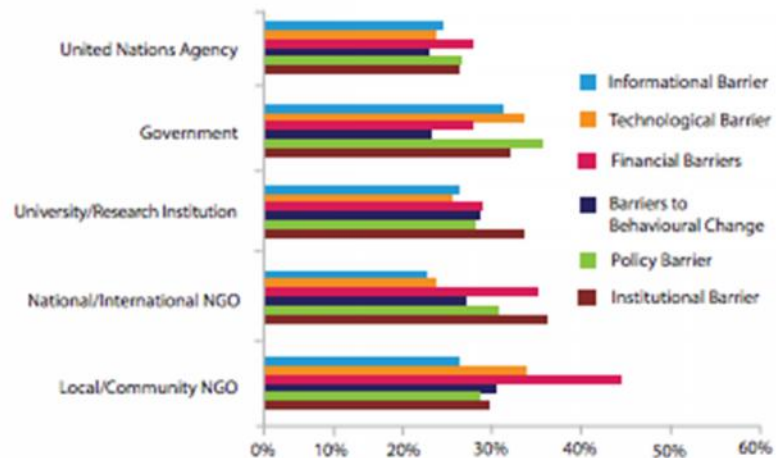
CASSALD Report, Simpson M. et al., 2012, Table - Priority sectors *New national documents may change the priorities.

Figure 3.1 Knowledge Needs for Different Project Development Phases



Barriers to Adaptation

Figure 3.12 Percentage of Respondents in Each Professional Affiliation Reporting *Very High Need* for Each Adaptation Barrier



Source: 2010 UNDP Adaptation Knowledge Needs Survey 2010:
A Synthesis Report

Figure 4.1 Anticipated Use of Knowledge-Sharing Services

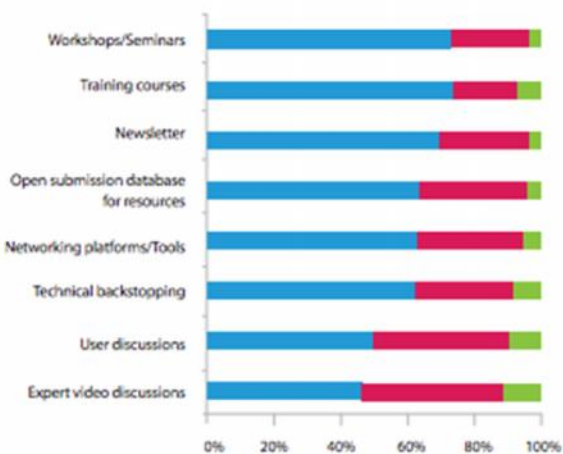
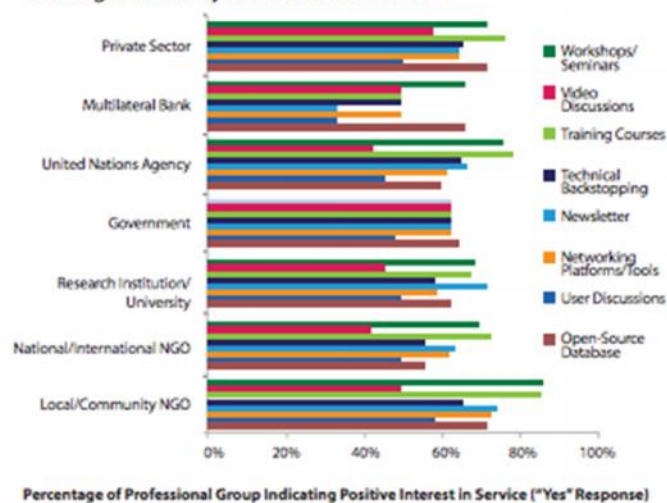
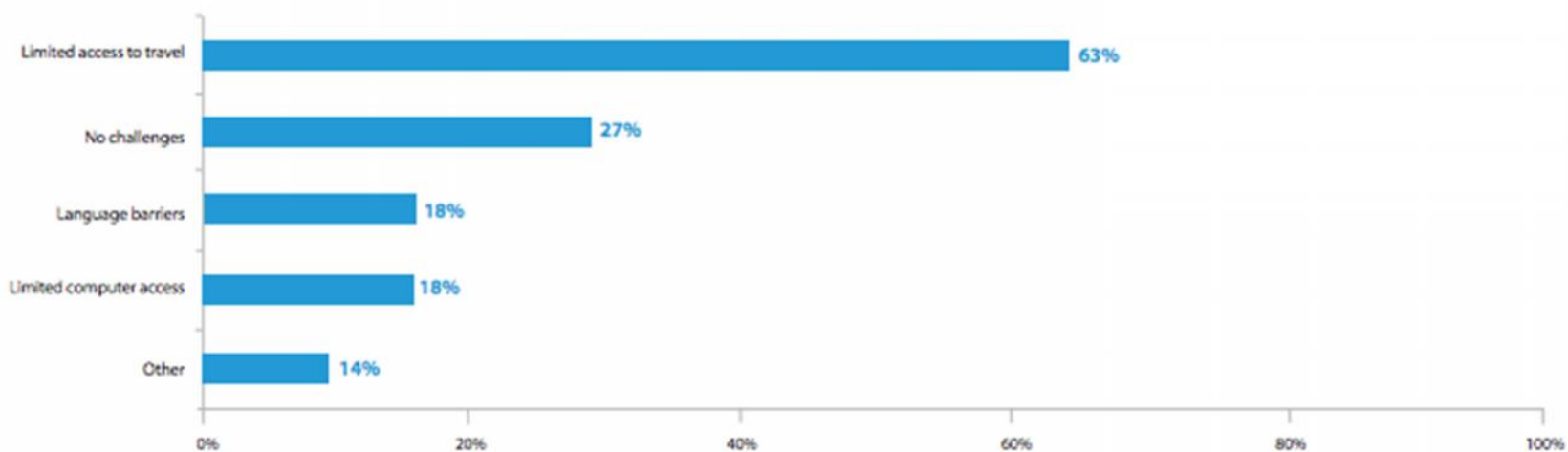


Figure 4.2 Indicated Interest in Use of Knowledge-Sharing Services by Professional Affiliation



Source: 2010 UNDP Adaptation Knowledge Needs Survey 2010:
A Synthesis Report

Figure 4.4 Challenges Accessing Existing Knowledge Resources, Services and Tools



Source: 2010 UNDP Adaptation Knowledge Needs Survey 2010:
A Synthesis Report

Tailoring the knowledge

- Content – risk, costing, involving the target audience
- Format, manner, style
- Issues of trust – certainty, assumptions
- Credible voices – Where does the audience go for information? Media, advisors, existing relationships
- Language – both kinds! Jargon-free
- Level of awareness of the issue
- Level of awareness of existing resources
- User support & interaction



THANK
You!

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What do you want your audience to do with the knowledge shared?

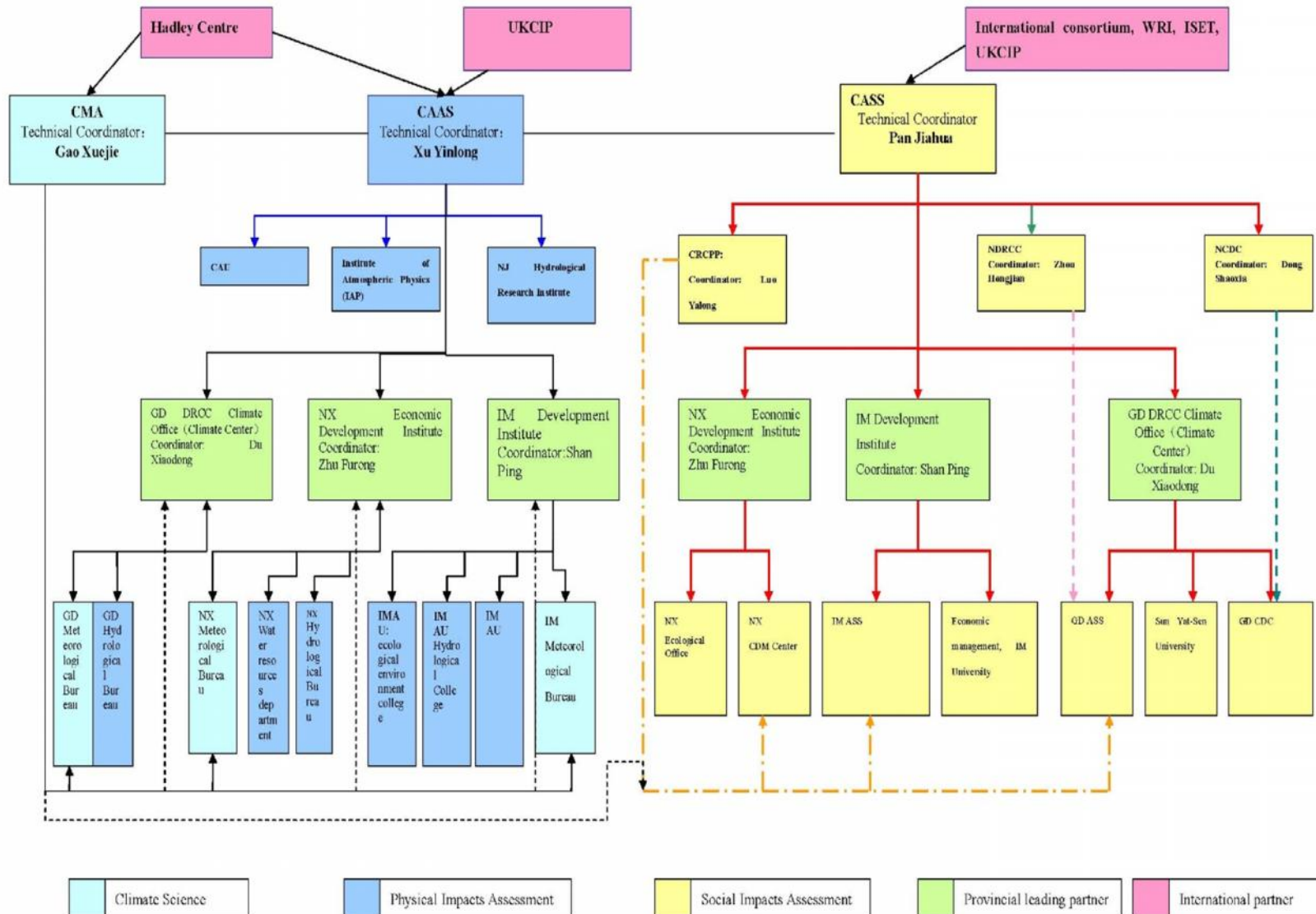


Example: ALM's Theory of Change

Entry Points – Global Policy Community

Forum	Objective	Entry Points	ACCC Activities
UNFCCC Nairobi Work Programme	To assist all Parties to: <ol style="list-style-type: none"> improve their understanding and assessment of impacts, vulnerability and adaptation to climate change; make informed decisions on practical adaptation actions and measures to respond to climate change on a sound scientific, technical and socio-economic basis, taking into account current and future climate change and variability. 	We support this through: <ul style="list-style-type: none"> Official partnership with the NWP, and engagement with expert workshops and knowledge sharing. Directly improving understanding & assessment of impacts, vulnerability and adaptation to climate change through capacity and direct assessment in key sectors on a national and provincial level in China. Supporting evidence-based decision-making by providing policy relevant data and tools. 	<p><i>Current activities:</i></p> <ul style="list-style-type: none"> Official Partner organisation - focal point meetings, pledge Experts sent to technical workshops (i.e. Water in Mexico) <p><i>Planned:</i></p> <ul style="list-style-type: none"> Experts submitted to the roster Updates to the pledge Case studies for the knowledge sharing database
UNFCCC Cancun Adaptation Framework : Capacity Building, Finance and Technology Transfer	To enhance action on adaptation through international cooperation and coherent consideration of matters relating to adaptation under the Convention.	<p>We support this through:</p> <ul style="list-style-type: none"> domestic implementation of capacity building and research on appropriate financial mechanisms. feeding into the Third Review on CB for Economies in Transition (due before 2016) as part of ACCC's M&E work. <p>When the Capacity-building information portal is launched in Autumn 2012, we will share experience there.</p>	<ul style="list-style-type: none"> Developing and delivering capacity building activities for researchers, policy makers and communities Supporting the strengthening of national-level institutional arrangements for adaptation. Financial and technical approaches for adaptation action, such as CRCPP and NDRCC's research on risk transfer, and the development of RCMs with UK Hadley Centre Met Office for improved regional climate science.
UNFCCC Work Stream on Loss and Damage	To strengthen international cooperation and expertise in order to understand and reduce loss and damage associated with the adverse effects of climate change, including impacts related to extreme weather events and slow onset events.	<p>We support this through:</p> <ul style="list-style-type: none"> considering approaches to address loss and damage associated with climate change impacts in China. improving understanding of disaster risk and slow onset events. 	Experts sent to the Asian Experts meeting in Bangkok to present on China's experience, particularly with slow onset events.
5 th Asian Ministerial Conference on Disaster Risk Reduction	To enhance DRR at the local level as part of strategic venue to build nations' and communities' resilient to disaster.	<p>We support this through:</p> <ul style="list-style-type: none"> Integrating Local Level Disaster Risk Reduction and Climate Change Adaptation into National Development Planning Local Risk Assessment and Financing Strengthening Local Risk Governance and Partnership. 	A joint side event with CDKN and the Red Cross on Risk Transfer and innovative mechanisms to protect vulnerable people at the local level. An expert from NDRCC will appear.
UNCSD Rio+20	To secure renewed political commitment for sustainable development, assess the progress to date and the remaining gaps in the implementation of the outcomes of the major summits on sustainable development, and address new and emerging challenges.	<p>We supported this through:</p> <ul style="list-style-type: none"> Contributing to events on assessing progress and identifying gaps for sustainable development, Presenting on responses to new and emerging challenges such as climate change adaptation and desertification. 	ACCC Speakers at a series of side events from the launch of Brazil's National Panel on Climate Change, UNEP's China Focus panel, two Oxfam events, Actionaid side event on Community Risk and Vulnerability and a high-level panel convened by the World Bank to discuss Inclusive Green Growth with 3 Ministers and the Dep MD of IMF.

ACCC Coordination Institutions Diagram





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Strategic Communication: How We Share



Key Research Findings & Case Studies: Communicating lessons learnt in an accessible, tailored manner



Documentary: Telling the story of China's adaptation



New Branding: Updated logo, materials and key messages for international stage



Website: Clearly explaining the project and sharing our resources for a national and international audience

A planned, focused and measurable series of communication, dissemination and policy-relevant products that work in an integrated way to support ACCC's objectives



CMA Data Distribution Site: Providing essential data to East Asian met offices



Book: Comprehensive publication on ACCC to be published November 2013



Adaptation Manual: Practical training materials ready for publication in time for ACCC's International Conference



China South-South Study on CCA: SMART research for adaptation cooperation between 10 target countries in Africa, Asia and the SIDS



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Examples of International Policy Activities

- **Delivery plans** around international policy events and key milestones, through direct policy engagement and tailoring and launching of relevant publications and products
- **Rio+20** – 8 side events, including the World Bank with 3 Ministers
- **Nairobi Work Programme** – NWP Partner Initiative and active in Focal Point and Technical Expert Meetings i.e. Water Workshop in Mexico
- **UNFCCC Losses & Damages** – Asian Expert Meeting, experts filled the gap of slow onset lessons from China's experiences
- **Asia Adaptation Platform Meeting** – Direct engagement with regional community, presentations on China lessons
- **5th Asian Ministerial Conference on Disaster Risk Reduction** – Joint event with CDKN and the Red Cross
- **International Journals** – Articles published in 12 international journals to date
- **IPCC SREX Report** – 7+ contributing authors



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