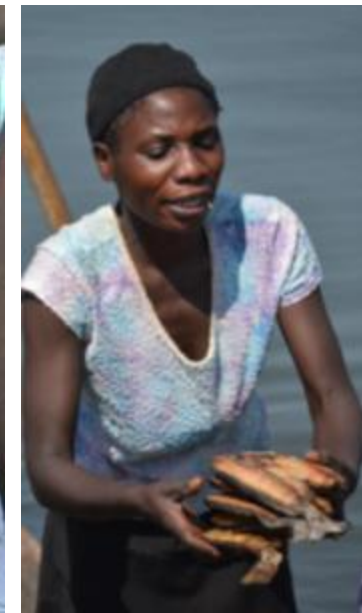


# CGIAR Research Program Aquatic Agricultural Systems

Scoping Mission to  
Western Province, Zambia

10-15 October 2011



# Participation

## Scoping team

Research	4
Government	3
Civil society	3



## Contributing in Western Province

Farmers and fishers	50+
Government	20
Private sector	8
Civil society	8
Research	8



## Scoping team

Name	Position	Institution
Martin Sishekanu	Platform Leader, Agriculture	Strategic Program on Climate Resilience
Shadreck Mwale	Principal Agriculture Officer	Ministry of Agriculture and Livestock
B.C. Mubanga	Chief Fisheries Officer	Ministry of Agriculture and Livestock
Geofrey Siulemba	Senior Research Scientist	Zambia Agricultural Research Institute (ZARI)
Stephen Mulyokela*	Executive Director	Golden Valley Agric Research Trust (GART)
Conrad Muyaule	Program Officer	CRS
Keith Kaneheya	Private Sector Adviser	SNV
Richard Lilamono	Program Officer	Concern Worldwide
Tabeth Chiuta	Regional Director	WorldFish
Simon Heck	Country Manager (Team Leader)	WorldFish

\* Participated on 12-13 Oct

# Objective of the Scoping Mission

Create a shared understanding of the Upper Zambezi as a research hub for the Program, including

- Main development challenges and opportunities
- Big research questions
- Possible target communities
- Institutional setting
- Existing development programs and investments



# Update on Progress (18 Oct.)

OBJECTIVE	PROGRESS
Main development challenges and opportunities	Completed
Big research questions	Completed
Possible target communities	Steps for finalization agreed; criteria identified; partners will submit information; team will identify communities for 2012 Diagnosis;
Institutional setting	Sources of information identified; to be compiled in Mission Report;
Existing development programs and investments	Format and steps for finalization agreed; partners will submit information; team will formulate recommendations;



# Methodology

## 1. Team meetings:

- Preparatory Meeting, Lusaka 5<sup>th</sup> Oct.
- Daily wrap-up meetings, Mongu 11<sup>th</sup>-14<sup>th</sup> Oct.
- Draft Report Review Meeting, Lusaka 31<sup>st</sup> Oct. (planned)



## 2. Stakeholder meetings (Gov't, Civil Society, Private Sector, Research)

- Western Province and Mongu District, Mongu 11<sup>th</sup> Oct.
- Senanga District, Senanga 13<sup>th</sup> Oct.



## 3. Focus group discussions and key informant interviews (farmers and fishers)

- Mongu District 11<sup>th</sup> – 12<sup>th</sup> Oct.
- Senanga District 13<sup>th</sup> Oct.



## 4. Analysis workshop

- Mongu 14<sup>th</sup> Oct

# Preliminary findings (selected)



## 1. Development Challenges

- WP continues to be among the poorest regions of Zambia, scoring low in HDI, income and nutrition indicators.
- Poor integration of agricultural and livelihoods options, and lack of connectivity in accessing resources, technologies, services and markets.
- Poor infrastructure and high costs of doing business result in low levels of economic investments, agricultural productivity and market value.
- The natural resource base, while rich in principle, is also fragile and changing and requires continues adaptation which is more difficult for the poor.

# Preliminary findings (selected)



## 1. Development Challenges cont'd

- Agricultural innovation is happening, but is fragmented and largely doesn't seem to involve the poor directly.
- Weak institutional capacities and lack of coordination hinder scaling-out of local responses and monitoring of their impacts.
- Changing demographics with many youth are leaving rural areas resulting in labour shortages.
- Seasonal transhumance continues to be important but faces new constraints from changes in ecology, land use, demographics and access rights. This generates new vulnerabilities for the poor.
- Agricultural production sites and market chains are widely scattered, making service delivery expensive and rendering many products uncompetitive.



# Preliminary findings (selected)

## 1. .... and Development Opportunities



- Abundance of water that can be harnessed for agriculture and other economic development.
- Markets for key products from the Province are strengthening regionally (fish, livestock, rice etc.).
- Opportunities for women and smallholder producers in these value chains can be expanded.
- Trade corridor through WP linking mining areas of Zambia and DRC with Atlantic seaports is emerging and will transform WP as a strategic economic zone.
- Traditional leadership involves almost all communities and, together with government and civil society, can provide an institutional framework for promoting development.

# Big Research Questions (selected)

- What institutional and technical innovations are best suited to secure a sustainable future for the transhumance system (or provide alternatives) so that it will generate or support economic and social opportunities for the poor and vulnerable?
- How can agricultural innovation be accelerated and become more inclusive of the priorities of the poor to make best use of and inter-link the different niches for crops, livestock, fish and forestry production and value chain development that exist in the dynamic Barotse resource system?
- How can the poor best be enabled to participate in and benefit from emerging economic and social opportunities and how can their associated vulnerabilities be reduced, including those arising from migration, fragmented households, competition over resource access, marginal locations and high costs of food and living?

# Big Research Questions (selected) cont'd

- How can the requirements and opportunities for agricultural innovation in the Barotse Basin best be linked to investments in technology development, capacity strengthening, market development and social empowerment in the rest of Zambia so that the poor in WP will benefit?
- What synergies as well as trade-offs and potential conflicts exist between different development options utilizing the floodplain resource base, key commodities and institutional and human capital with a view of strengthening opportunities for the poor?

# Target communities

- The Scoping Mission did not finalize the selection of target communities due to shortage of information at this stage.
- The following steps were agreed:
  1. All partners will provide standardized information on communities they work in (currently, recently and/or in near future):

<b>Community (location)</b>	<b>Type and duration of engagement</b>	<b>Challenges/ opportunities at stake</b>	<b>Big research question(s) that can be addressed</b>	<b>Partners, capacities</b>	<b>Comments on logistics etc.</b>

# Target communities cont'd

2. This information will be collated and mapped out against the major dev't challenges/opp's and research questions. A consolidated map of WP will be produced indicating these locations.
3. On this basis, the Team will identify target communities taking into account strategic considerations arising from the findings of the Scoping Mission. Two tiers of target communities will be identified: (i) those where the Participatory Diagnosis will take place in 2012; and (ii) those for future scaling-out of interventions.

# Institutional Setting (to be completed)

- Describe institutional context (from SPCR)
- List partners and their potential roles;
- Types of interaction we propose with different partners for program roll-out;

Local leadership: Senanga District



**NN**, Chairperson, Rice Producers Association, Maongo Village



**Lyananga Sujanga**, Headman Site Village



**Maureen Muliokela Kamwanga**, YWCA Branch President



**Mukelabai Mwangala**, District Agriculture Coordinator

# Relevant Development Programs and Investments (to be completed)

- Partners will submit information using agreed format (Table 1)
- Team will collate and review and discuss possible links with CRP
- Team will formulate recommendations, where possible, for specific linkages that can be further probed during 2012

Table 1: Profile of development programs and investments in the hub (Mongu and Senanga Districts)

Name of Dev't Program	Implementing partners ( <u>lead institution</u> , partners)	Technical focus	Locations	Duration	Possible links with research program
PPCR	<u>MFNP</u> MAL	Climate resilient agriculture	Muoyo Kataba	2011-2016	
XXX	<u>Zambeef</u>	Meat marketing	Mongu	On-going	

## Next steps

31 Oct Team meeting to review draft report

4 Nov Report distribution

7 Dec National Forum to build awareness and seek endorsement by stakeholders

