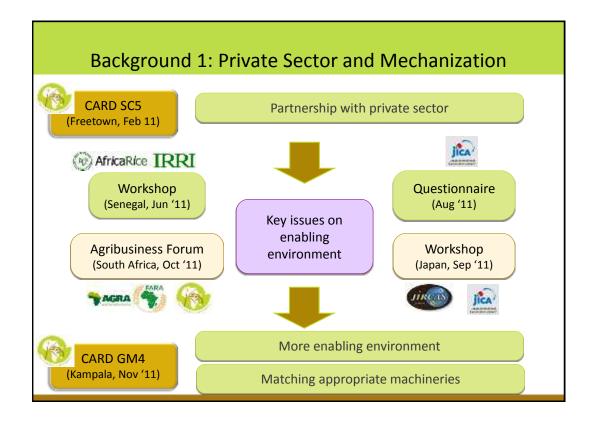
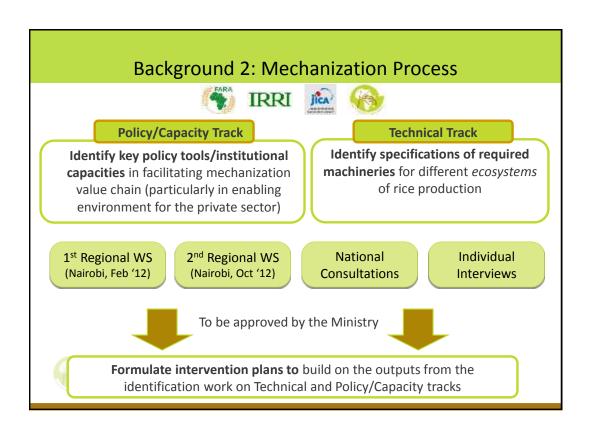
# AGENDA 3: Promotion of mechanization Overall progress, analysis and recommendation 5 February 2013, Dakar, Senegal CARD COALITION for AFRICAN RICE DEVELOPMENT





# Progress 1: Policy Track

- Promoted Public and Private dialogue
- Identified (drafted) Policy tools to provide enabling environment on mechanization for private sector including local manufacturing sector, dealers and service providers, such as:
  - Considered incentives such as tax holiday (UG), guarantee for loans (UG), low interest rates (UG), a Fund (SN) and subsidies (TZ) for the acquisition of machineries, etc
  - Set up 16 government-owned Village Mechanization Service Centers and considered gradual privatization process (RW)
- Drafted Mechanization policy/ strategy (MG & SN, to be officially validated)



http://www.riceforafrica.org/meetings/workshop/ag-mechanisation-ws2

# **Progress 2: Technical Track**

- Scenarios: Listed machineries to be manufactured/ assembled domestically in the short (3yrs), medium (10 yrs), long terms (beyond 10 yrs))
- Identified Institutional/ Organizational requirements for Testing & Certification (Legal Framework/ Facilities/ Human Resources) – Quality Assurance
- Conducted exercise of matching equipment with farm size and Selected machineries and implements
- Studied cost analyses of critical field operations (tillage, harvest, milling & others)
- Listed human resources and training needs of the stakeholders focusing on Agriculture machinery supply chain

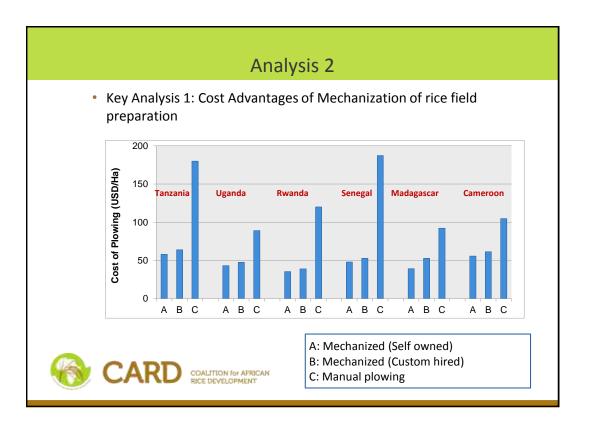
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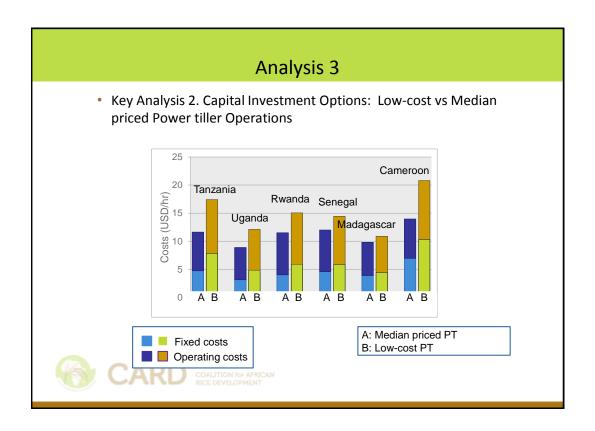
# Analysis 1: Overview

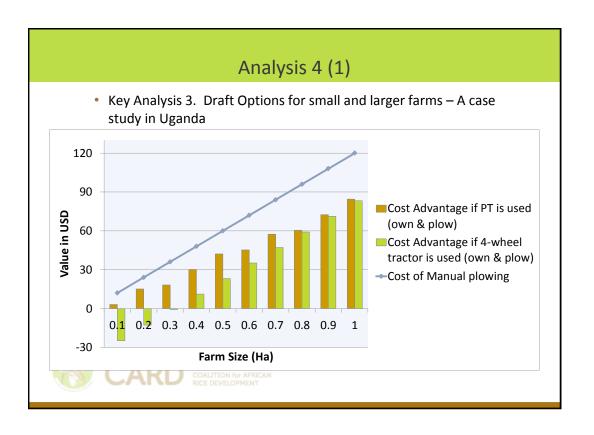
- Positive progress in providing enabling environment with strong commitments by country teams, vary from a country to another
- Is environment for private sector very favorable? market size (machinery use per hector) vs needs/ huge potential of end-user market with low purchasing power against higher price, with limited access to finance
- Effort to identify technically appropriate machinery and implement, depending on farm size, other agro-ecological conditions and business size/ type, etc – still complex issues

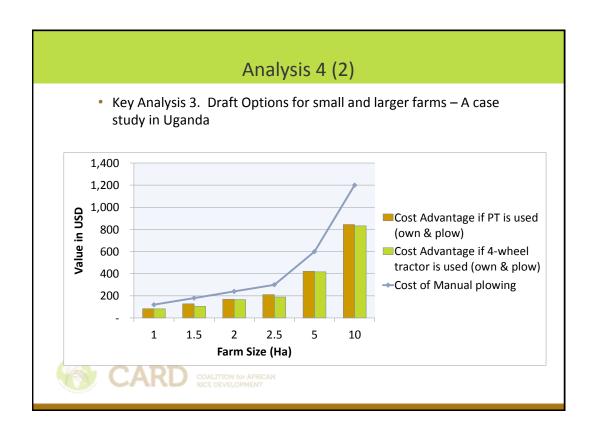


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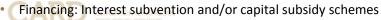






### Recommendation 1

- 1) Policy needs to be more friendly to private sector and coherent:
- Agricultural mechanization promotion act, coherent policy and/or strategy be formulated and enacted/ implemented with the Government long-term commitments and budget allocation
- Enabling environment a balanced approach more competition than more restrictions among private players, less distortion, e.g.
- After-sale service improvement: warranty and long-term spare parts supply
- Tax incentives: ease of import tariff on machinery and spare parts
- Ease of Business: Fast track/priority custom clearance much simpler than more complex
- Rural network of supply and service provisions be encouraged through fiscal instruments and/or public-private partnerships



## Recommendation 2

- 2) Technically appropriate machinery needs to be promoted:
- Technical specifications of quality machinery and accessories should be identified/ elaborated and implemented for providing incentive schemes
- Capacity Development of testing and certification organizations,
   Linking with international entities and prompt setting up of regional network on agricultural machinery testing and evaluation, for Information sharing
- Human Resource Capacity Development including tractor operators, maintenance technicians and so forth
- PPP for agricultural machinery development and service provisions be functioned

# **Recommendation 3**

- 3) Continued effort for policy reforms:
- Policy Dialogue on fiscal, monetary, trade and technical measures at country level
  - Inter-ministerial dialogue
  - Wider-stakeholder consultations
- Advocacy at international and regional arena
  - Regional approach: networking test & certification, tariff issues
  - TICAD V side event for PPP
  - linkage with CAADP, UNIDO and other key players



Thank you.

Merci beaucoup.



# Annex 1

 $\underline{\text{http://www.riceforafrica.org/meetings/workshop/ag-mechanisation-ws}}$ 

Item	Hard Copy File	Presentation	Doc No.
Manual / Manuel	Mechanisation Process Manual	MS Word (English / French)	А
Policy Tools	Policy Tools and Related Actions	MS Word (English / French)	В
Policy Tool Analysis Form	Policy Tool Analysis Sheet	MS Word (English / French)	С
Analytical Tool: Matching Farm Equipment Farm Size	Matching Farm Equipment to Farm Size	MS Excel (English)	D
Valuables: Matching Farm Equipment Farm Size	Components of Costs involved in owning and using Farm Machineries and Implements	MS Excel (English)	Е



COALITION for AFRICAN