

Information Sheet of KEN-Concept Note - 6						
1. Project Title	Promotion of appropriate mechanization options in the rice value chain in Kenya					
2. Location	Kisumu, Busia, Kwale Counties					
3. Type of Project	3	1	2	4	5	
	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector					
4. Fields covered (multiple selection)	2	3	4	5	6	8
	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify above)					
5. Suggested Fund source	National Government, County Governments, Private sector Farmer organizations, Development Partners, RDA Research institutions, farmers					
6. Budget /	USD 37.2 million					
7. Project duration	5 years					
8. Target beneficiaries	Direct	Rice farmers, millers, value addition dealers, input supplies, transporters, storage providers in the selected 3 counties				
	Indirect/ Secondary	Traders, consumers, SMEs				
8. Overall objective	Raise on-farm rice productivity by use of appropriate mechanization					
9. Project objectives	Specific Obj 1:	Promote appropriate cost-efficient machineries for sowing, transplanting, weeding, harvesting, drying and milling				
	Specific Obj 2:	Promote private investments and participation of youth and women in provision of hiring services, sales and after-sales services				
	Specific Obj 3:	Increase adoption of locally developed and improved harvest and postharvest technologies				
	Specific Obj 4:	Improve artisan and operator skills on emerging technologies in mechanization				
	Specific Obj 5:	Enhanced multi-stakeholder engagement, dissemination and knowledge transfer on appropriate mechanization				
10. Expected results/Projects outputs	R1	3 counties reached (Kisumu, Busia and Kwale) on adoption of cost-efficient machinery				
	R2.	30 SMAEs facilitated to commercialization in the 3 counties				
	R3.	At least 3 locally developed and improved technologies adopted for harvest and postharvest handling practices				
	R4.	At least 5 artisans and 10 operators trained on emerging technologies in rice meachanisation in each of the target counties				
	R6.	At least 3 stakeholder workshops held and a baseline survey conducted				
11. Components and Activities	Component 1 (Objective 1):					
	A1.1.	<i>Procure identified appropriate cost-efficient machinery for the preceding operations for the 3 counties</i>				
	A1.2.	<i>Conduct adaptation tests of the procured machinery in each of the counties</i>				
	A1.3.	<i>Conduct on-farm/field trials on use of the machinery in the 3 counties</i>				
	A1.4.	<i>Demonstrate/train on operation, repair and maintenance of the machinery</i>				
	A1.5.	<i>Conduct M&E on the adaptation and adoption of the machinery</i>				
	Component 2 (Objective 2):					
	A2.1.	<i>Sensitize private investors, youth and women on investment opportunities</i>				

A2.2.	<i>Link at least 30 agricultural enterprises to the machinery supplies and consumers</i>
A2.3.	<i>Conduct M&E on the levels of investments, and participation of youth and women in provision of the mechanization services</i>
Component 3 (Objective 3):	
A3.1.	<i>Create awareness on locally developed and improved rice technologies for harvest and postharvest handling practices</i>
A4.2.	<i>Conduct demonstrations on at least 3 locally developed and improved rice technologies for harvest and postharvest handling practices in each county</i>
A4.3.	<i>Conduct M&E on the levels of adoption of locally developed and improved rice technologies for improved harvest and postharvest handling practices</i>
Component 4 (Objective 4):	
A5.1.	<i>Capacity build at least 5 artisans and 10 operators on emerging technologies in rice meachanisation in each of the target counties</i>
A5.2.	<i>Conduct M&E on impact of training of the artisans and operators on adoption of emerging technologies in mechanization</i>
Component 5 (Objective 5):	
A6.1.	<i>Conduct baseline survey on use of appropriate machinery in the rice value chain in the selected 3 counties</i>
A6.2.	<i>Hold 3 multi-sectorial stakeholders meetings on appropriate mechanization in rice value chain</i>