

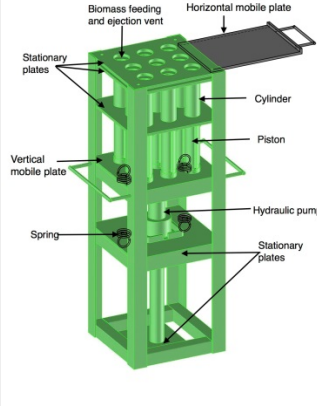






**SUMMARY TABLE FOR TECHNOLOGIES AND INNOVATIONS DEVELOPED READY FOR COMMERCIALISATION**

		INSTITUTION	Africa Rice Center (AfricaRice)
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		WEB	www.africarice.org/www.ricehub.org
<b>Technology /Innovation</b>	<b>Function /Uses</b>	<b>Readiness to Market and potential users</b>	<b>Photos or illustrations</b>
GEM Steamers (up to 100 kg per steaming batch)	Paddy steaming during rice parboiling	Ready for market with potential users being rice parboilers or food processors (pasteurization)	
GEM Soaking Tanks (up to 750 kg per soaking batch)	Paddy soaking during rice parboiling	Ready for market with potential users being rice parboilers	
Improved Rocket Stoves	Energy-efficient wood/briquette stove for parboiling	Ready for market with potential users being rice parboilers or food processors (pasteurization)	
Laborsaving devices (chain hoist system and rotatory hoist system)	Reduction of drudgery during parboiling	Ready for market with potential users being rice parboilers	

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<p>AfricaRice modified Rice husk gasifier stoves</p>	<p>Direct gasification of agricultural residues to produce thermal energy</p>	<p>Ready for market with potential users being rice households, restaurants and small agro-processing companies</p>	
<p>AfricaRice-Multi-Piston manual briquetter</p>	<p>Manual briquetting of materials with particle sizes less than 0.8mm</p>	<p>Ready for market with potential users being youths who are interested in taking up briquetting as a business</p>	
<p>AfricaRice-TCMS hammer mill</p>	<p>Grinding of cereals for food/feed and agricultural wastes for briquetting or pelleting</p>	<p>Ready for market with potential users being youths who are interested in taking up the business</p>	
<p>AfricaRice-TCMS mixer</p>	<p>Mixing of materials for briquetting or pelleting</p>	<p>Ready for market with potential users being youths who are interested in taking up briquetting/pelleting as a business</p>	

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<p>AfricaRice-TCMS motorized briquetter/pelleter</p>	<p>Motorized pelleting/briquetting of materials with particle sizes less than 0.8mm</p>	<p>Ready for market with potential users being youths who are interested in taking up briquetting/pelleting as a business</p>	
<p>Briquette production technology</p>	<p>Procedures for the production of wood briquettes from rice husk and biochar.</p>	<p>Ready for market with potential users being youths who are interested in taking up briquetting/pelleting as a business</p>	
<p>Pellet production technology</p>	<p>Procedures for the production of wood pellets from rice husk.</p>	<p>Ready for market with potential users being youths who are interested in taking up briquetting/pelleting as a business.</p>	