# The PIMA Strategic Commodities

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b. Animal Feeds</td>
<td>b. Cassava leaves,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Nigeria, Brazil, Thailand, Tanzania, DRC, Indonesia, Ghana</td>
<td></td>
<td></td>
<td>a. Industrial cassava varieties</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Industrial use (e.g. starch for textile and pharmaceutical industries)</td>
<td>c. Dried cassava chips.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Industrial alcohol</td>
<td>d. High quality cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>a. Confectionery industry</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Bakery (e.g. bread)</td>
<td>e. High fructose cassava syrup.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>b. Dairy &amp; frozen desert</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>g. Confectionery related products (e.g. starch</td>
<td>g. Biodegradable bags</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>d. Flash drying equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>h. Food &amp; beverage products</td>
<td>h. Classic baking flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>e. Modern processing equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>i. Food &amp; beverage products</td>
<td>i. Dried yeast</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>f. Storage facilities</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>j. Industrial alcohol</td>
<td>j. Cassava starch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>g. Modern processing equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>k. Confectionery related products</td>
<td>k. Charcoal briquettes from cassava peelings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>h. Processing equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>l. Confectionery related products</td>
<td>l. Local brew chips</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>i. Biodiesel production</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>m. Confectionery related products</td>
<td>m. Cassava tubers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>j. Drying equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>n. Confectionery related products</td>
<td>n. Cassava leaves,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>k. Irrigation equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>o. Confectionery related products</td>
<td>o. Dried cassava chips.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>l. Irrigation equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>q. Confectionery related products</td>
<td>q. High fructose cassava</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>r. Food &amp; beverage products</td>
<td>r. Ethanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>o. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>s. Food &amp; beverage products</td>
<td>s. Charcoal briquettes from cassava peelings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>p. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>t. Confectionery related products</td>
<td>t. Local brew chips</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>q. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>v. Confectionery related products</td>
<td>v. Cassava leaves,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>s. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>w. Confectionery related products</td>
<td>w. Dried cassava chips.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>t. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x. Confectionery related products</td>
<td>x. High quality cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>u. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>z. Confectionery related products</td>
<td>z. Ethanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>w. Construction equipment</td>
<td>a. Bread improvers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Animal Feed Industry</td>
<td>b. Maize flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Tanzania, DRC, Rwanda, Kenya, South Africa, Malawi, Thailand</td>
<td></td>
<td></td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Bakery &amp; confectionery industries</td>
<td>c. Blended flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>c. Advanced technologies for production of high-end products</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Medicines</td>
<td>d. Bran</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>d. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Cooking oil</td>
<td>e. Corn starch</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>e. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. Corn starch</td>
<td>f. Corn syrup</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>f. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>g. Cassava flour</td>
<td>g. Ethanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>g. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>h. Cassava flour</td>
<td>h. Cake</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>h. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>i. Cassava flour</td>
<td>i. Hay</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>i. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>j. Cassava flour</td>
<td>j. Silage</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>j. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>k. Cassava flour</td>
<td>k. Cornflakes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>k. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>l. Cassava flour</td>
<td>l. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>l. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>m. Cassava flour</td>
<td>m. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>m. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>n. Cassava flour</td>
<td>n. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>n. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>o. Cassava flour</td>
<td>o. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>o. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>q. Cassava flour</td>
<td>q. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>q. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>r. Cassava flour</td>
<td>r. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>r. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>s. Cassava flour</td>
<td>s. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>s. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>t. Cassava flour</td>
<td>t. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>t. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>u. Cassava flour</td>
<td>u. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>u. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>v. Cassava flour</td>
<td>v. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>v. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>w. Cassava flour</td>
<td>w. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>w. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x. Cassava flour</td>
<td>x. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>z. Cassava flour</td>
<td>z. Cassava flour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>z. Construction equipment</td>
<td>b. Irrigation facilities to boost production</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

2. Conversion rates of USD 1 = UGX 3,684
3. Statistics on local demand is scarce. Where possible we provide statistics on household demand based on the Uganda National Household Survey 2016/17. More work is needed to establish institutional demand.
4. Export values include all products related to a given commodity. The breakdown for each production is provided in the attached Annex for those interested in the details.
6. There are cross cutting transformative technologies such as appropriate seedling/breed for industrial development; irrigations, R&D at all levels and traceability, among others.
## Fact Sheet: The PIMA Strategic Commodities

|-----------|---------------------------------|------------------------|-----------------------|-----------------------------|-------------------------|------------------------------------|----------------------|------------------------|------------------------|---------------------------------|---------------------------------|---------------------------------|
### Fact Sheet The PIMA Strategic Commodities

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>d. Paper packing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>d. Local café</td>
<td>d. Local café</td>
</tr>
<tr>
<td></td>
<td></td>
<td>e. Bakery and confectionery</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>e. Poultry processing</td>
<td>e. Poultry processing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f. Ornaments</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>f. Coffee tourism</td>
<td>f. Coffee tourism</td>
</tr>
<tr>
<td></td>
<td></td>
<td>g. Hides &amp; skins</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>g. Farm &amp; processing equipment fabrication</td>
<td>g. Farm &amp; processing equipment fabrication</td>
</tr>
<tr>
<td></td>
<td></td>
<td>h. Beef fat</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>i. Fatty acids for auto industry, pesticides</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>j. Bones and horns for buttons etc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>k. Cow pancreas for insulin making</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>l. Intestines for surgical sutures etc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>m. Blood for medicines</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>n. Fertilisers adhesives, dyes &amp; ink etc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>o. Pet food</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>p. Products for the pet industry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>q. Other uses (if any)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>d. Fresh milk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>d. Manufactured Animal feeds industry</td>
<td>d. Manufactured Animal feeds industry</td>
</tr>
<tr>
<td></td>
<td></td>
<td>e. Casein</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>f. Whey</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>g. Pasteurized milk</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>h. Cultured milk (Yoghurt, Fermented and sour milk, UHT milk)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>i. Hides and skins ornament</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7 Communication from UCDA
8 2020/2021 background the budget
|-----------|-------------------------------|------------------------|-----------------------|---------------------------|------------------------|-------------------------------|----------------------|------------------------|----------------------|-----------------------------|----------------------------------------|-----------------------------|