Dagaa fishery: The unknown wealth of Lake Victoria fishery

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Common views on Dagaa

- Under exploited and poorly handled
- Regarded “inferior good” despite high nutritional value
- "Unbankable" by financial institutions
- Least researched, regulated and supported fishery

- Major employer in the fishery
- Abundant in biomass over 50% and catches btn 40-50%
- Support national and regional trade
- Major source of protein to poor/middle income earners & animal feed industries.
What do we know about the fishery?
Employment

- Besides, 4 crews there are also 5 people involved in the processing.
- At trading level, there are 6 people involved in loading and repackaging fish into sacks.
- While the number of small scale traders, boat & gear makers and repairers not known.
# Estimated investment & returns from fishery

<table>
<thead>
<tr>
<th>Fishery</th>
<th>Unit costs (USD)</th>
<th>Totals (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Investment costs</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Boat</td>
<td>1910.7</td>
<td>1910.7</td>
</tr>
<tr>
<td>Engine</td>
<td>2548</td>
<td>2548</td>
</tr>
<tr>
<td>Nets</td>
<td>573.2</td>
<td>573.2</td>
</tr>
<tr>
<td>Lamps</td>
<td>19</td>
<td>76.4</td>
</tr>
<tr>
<td>Other equipment's</td>
<td>127.4</td>
<td>127.4</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td></td>
<td><strong>5235.7</strong></td>
</tr>
<tr>
<td>Operating costs/f. season</td>
<td>115</td>
<td>1400*</td>
</tr>
<tr>
<td><strong>Estimated Returns</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Good months</td>
<td>(9.87<em>17</em>5)</td>
<td>838.95</td>
</tr>
<tr>
<td>Bad months</td>
<td>(7.32<em>17</em>6)</td>
<td>746.64</td>
</tr>
</tbody>
</table>
### Income along the chain

- Based on cost benefit analysis, income increases as you move along the chain.

<table>
<thead>
<tr>
<th>Category of fisher</th>
<th>A.V Income per month</th>
<th>Gov’t employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fishers (good month)</td>
<td>TZS 265,108.00</td>
<td>TZS about 174,000</td>
</tr>
<tr>
<td>(bad month)</td>
<td>TZS 196,615.00</td>
<td></td>
</tr>
<tr>
<td>Domestic trader</td>
<td>TZS 449,560.00</td>
<td></td>
</tr>
<tr>
<td>Regional trader</td>
<td>TZS 541,776.00</td>
<td></td>
</tr>
</tbody>
</table>

We do not know unrecorded amount !!!!
Revenue to local government

What the tenderers remains with & information not recorded are not known!!!
Lessons learned

• Dagaa offers huge potential for wealth generation due to its abundance. However;
• There are a lot of unrecorded, undocumented information.
• Little recognition has been given to the fishery.
• Recommended quality standard for the fishery not fully implemented.
Projections and opportunities

Demand for fisheries products is expected to rise in the future. Based on current demand, another 27 million tonnes of fish would be needed to maintain the present level of per capita consumption in 2030. FAO (2010).

Developing countries – where the population is projected to increase from 5.6 billion in 2009 to 7.9 billion by 2050 and an additional 250 million to 310 million people will be urbanized by 2015 – are expected to be the main drivers of future consumption growth.
What can be done!!!

- Micro-financing the fishery
- Data collection & documentation improvements
- Quality improvements on board
- Up-scaling value addition
- Industrialization of post harvest activities
- Market facilities upgrade
- Value addition upgrade
- Quality improvements on board
- Data collection & documentation improvements
- Micro-financing the fishery
Ahsanteni sana

POTENTIAL FISHERY