Dairy in South Asia
Strategically and Sustainably Creating a Food-Secure Future
Food insecurity and malnutrition: a direct link
The role of climate change

Tidal floods regularly destroy homes and villages in southwest Bangladesh

The Indian Ocean earthquake and tsunami sent waves as high as 50 feet crashing on the shores of 11 countries, wreaking massive and often irreparable destruction.
The role of conflict

High level of internal displacement

Forced abandonment of agricultural and household assets
Dairy Enhancement in Eastern Province, Sri Lanka

- 25+ years of ethnic conflict
- 2004 Indian Ocean earthquake and tsunami
- Primarily focused on rice paddy farming
  - Insufficient income
  - Only paid once every six months
  - Often required to work at locations far from home

Goal: establish or revive a fully functioning value chain that will enable smallholder farmers to markedly increase their incomes in a sustainable manner
<table>
<thead>
<tr>
<th>Region</th>
<th>Estimated consumption 2005/07, million tons</th>
<th>Growth, million tons 2005/7-2030</th>
<th>Growth, million tons 2030-50</th>
<th>Estimated consumption 2050</th>
<th>Annual growth rate 2005/07 - 2050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developed</td>
<td>273.2</td>
<td>35.2</td>
<td>11.2</td>
<td>319.6</td>
<td>0.4%</td>
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<tr>
<td>Africa</td>
<td>32.4</td>
<td>24.8</td>
<td>25.4</td>
<td>82.6</td>
<td>2.2%</td>
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<tr>
<td>Near East</td>
<td>23.8</td>
<td>14.2</td>
<td>11.1</td>
<td>49.1</td>
<td>1.7%</td>
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<td>Latin America</td>
<td>61.7</td>
<td>25.5</td>
<td>13.3</td>
<td>100.5</td>
<td>1.1%</td>
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<tr>
<td>South Asia</td>
<td>107.7</td>
<td>81.5</td>
<td>71.8</td>
<td>261.0</td>
<td>2.0%</td>
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<tr>
<td>East Southeast Asia</td>
<td>45.6</td>
<td>32.2</td>
<td>10.7</td>
<td>88.4</td>
<td>1.5%</td>
</tr>
</tbody>
</table>

Source: FAO (2013)
Partnering with private sector dairy processors enables the greatest number of smallholder dairy farmers to have a sustainable market linkage.

**CIC Agri Business**
- New price standard
- Wholesale inputs
- Leveraged investment
- Long-term view

CIC processing plant produces 50,000+ cups of yogurt daily, using DEEP farmers’ milk.

“Beyond our economic goals in the region, we have a key role to play in partnerships where Sinhalese, Tamils and Muslims can work together.”
- CIC General Manager for Livestock Extension
DEEP:

Key Lessons Learned

Technology helps connect remote farmers with resources
- Virtual veterinary support through mobile phones
- Money Saving Tomorrow: mobile milk payment program

Dairy creates opportunities for women’s leadership
- Location, location, location
- Higher, frequent payments
- Flexible training sessions

Dairy has positive impact on climate change
- Higher productivity
- Smaller herd
Access to finance is essential for a thriving value chain. Changes in farming and livestock management practices are possible, but they come with start-up costs.
From Lessons Learned to Innovative Approaches Applied

Bangladesh Dairy Enhancement Project
Partnering with private sector dairy processors enables the greatest number of smallholder dairy farmers to have a sustainable market linkage.

Access to finance is essential for a thriving value chain.

Get the basics right first.
The role of policy

Some policies strengthen value chains; others weaken them.

- Cows to the jungles
- Importation of cows
- Animal health services provision
- Animal health drugs market
- Counterfeit drugs
- Research and development labs
- Education system for livestock technical specialists
Let’s talk more during Q&A

Thank you