Brief Overview of Butuan City, Philippines

<table>
<thead>
<tr>
<th>Total Population</th>
<th>317,062</th>
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</thead>
<tbody>
<tr>
<td>Total Households</td>
<td>64,380</td>
</tr>
<tr>
<td>Land Area (sq.km)</td>
<td>817.28</td>
</tr>
<tr>
<td>Population Density (per sq.km)</td>
<td>387.94</td>
</tr>
<tr>
<td>Population Growth Rate</td>
<td>1.80%</td>
</tr>
<tr>
<td>Total LGU Income</td>
<td>Php 1,304,594,949</td>
</tr>
<tr>
<td>Average LGU revenue per capita</td>
<td>Php 4,114.63</td>
</tr>
<tr>
<td>Eco-system type</td>
<td>Coastal, Watershed, connected to Agusan River Basin</td>
</tr>
<tr>
<td>Economy</td>
<td>Commercial and Service Centers, Fishing and Agriculture, Wood Industry, Trading</td>
</tr>
<tr>
<td>Natural Hazards</td>
<td>Flooding, Landslide</td>
</tr>
</tbody>
</table>

We can be reached by:

<table>
<thead>
<tr>
<th>Departure Point</th>
<th>Plane</th>
<th>Travel Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manila</td>
<td></td>
<td>1hr, 30 mins.</td>
</tr>
<tr>
<td>Cebu</td>
<td></td>
<td>55 mins.</td>
</tr>
</tbody>
</table>
Agro-Forestry Profile

- Agricultural area: 47,000 hectares
- Developed area: 17,000 hectares
- Irrigated area: 3,462 hectares
- Potential for irrigation: 10,000 hectares
- Main agricultural crops:
  - Rice
  - Coconut
  - Banana
  - Vegetables and root crops
  - Commercial crops (Rubber, Oil Palm)
- Programs: Gulayan sa Barangay (Community Vegetable Farming)
  Organic Fertilizer Production
  Integrated Farming System
- Timber area: 32,000 hectares (Second Growth Forest)
  70% Production Forest, 30% Protected Forest
ISSUES AND CONCERNS (URBAN DEVELOPMENT)

1. Urban Planning
   Lack of technical capacity for advanced urban planning, such as the comprehensive drainage and sewerage plan, and enhancement of City Development Plan incorporating Climate Change adaptation (CCA) and Disaster Risk Reduction and Management (DRRM)

2. Urban Economy and Finance
   ▪ Ongoing efforts to strengthen capacities for resource and asset management
   ▪ Has to set economic fundamentals on Agro-Forestry coupled to shift from long dependence on logging industry.

3. DRRM and CCA
   • No functional comprehensive city drainage system
   • Siltation of Agusan River and clogging of urban waterways
   • Early warning systems not yet in place
   • Lack of equipment and technology for quick response/search and rescue operations
   • DRRM and CCA, vulnerability assessment, disaster resiliency plans and services not yet in place
4. Urban Mobility
   • Lacks capability to develop a comprehensive plan
   • Lacks comprehensive traffic management plan
   • Growing population as the regional administrative and business capital

5. Urban Energy
   • Untapped potential sources of renewable energy (biomass feedstock, solar, micro-hydro, etc).

6. Governance and Land Management
   • Ongoing updating of the comprehensive land use plan which takes into account CCA and DRR
   • City extension areas are currently being thought out
Areas for Collaboration (Urban Development)

- Capacity-development including exposure to sustainable urban development models
- Sustainable Green energy solutions or technologies
- Agro-Forestry business models using advance agriculture equipment
- Cost effective river dredging technology
- Infrastructure audit and planning for retrofitting
- Automation and unified data base development
- Design for extension cities (Uptown, New Town)
CONCLUSION

- Butuan City collaborated with Toyo University PPP Graduate School to jump start PPP efforts in the city

- Butuan City is the only city in the Philippines with existing PPP Code

“Turn lemons into lemonade.”
Thank You!