## Brief Overview of Butuan City, Philippines

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

#### We can be reached by:

Departure	Plane
Point	Travel Time
Manila	1hr, 30 mins.
Cebu	55 mins.



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# **Agro-Forestry Profile**

- Agricultural area :
- Developed area :
- Irrigated area
- Potential for irrigation :
- 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

47,000 hectares 17,000 hectares 3,462 hectares 10,000 hectares

### 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

### ISSUES AND CONCERNS (URBAN DEVELOPMENT)

#### 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!

