Danang City

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1. Overview of Danang city
1.1 Geography

- Between latitudes $15^\circ 06' - 16^\circ 01'$ North and $107^\circ 02' - 108^\circ 02'$ East.
- Borders Thua Thien Hue Province in the north, Quang Nam Province in the south and the west, and the Eastern Sea in the east.
- Area of 1,283 km$^2$
1.2 Socio-economic development

- Population: more than 950,000 people (2011 statistics)
- GDP growth rate of Danang city in 2011 reached 13%.
- GDP per capita was 2,283 USD.
1.2 Socio-economic development

- The city’s economic structure by sector has been positively changing.
2. Overview on water
2.1 Water supply

- 04 water plants (Cau Do, Son Tra, San Bay, Kim Lien) with capacity of 165,000 m³/day, supplying for domesticity and industry in Danang city.

- Water supply sources: Cu De river (404.02 million m³) and Tuy Loan river (18 million m³).

- There has not been shortage of water during dry season.
2.2 Waste water treatment

• Waste water of industrial zones, residential areas, economic services, hospitals etc. are not properly treated before discharging in natural environment.

• The wastewater collection and treatment systems - with the loan from World Bank – started operation since 2007 but the waste water quality after treatment has not attained surface water standards.

• More than 50% population in suburban areas are using unsafe water resources.
2.3 Key challenges

- Rapid urbanization and industrialization will need much more water for domestic and industry.

- Increasingly more serious water source pollution

- Increasing gaps between the city and the rural areas

- Increasing impacts of natural disasters: typhoon, flood, drought, salinity intrusion etc.

- Loss of natural resources, agricultural land for urbanization and industrialization.
Thank you for listening!