



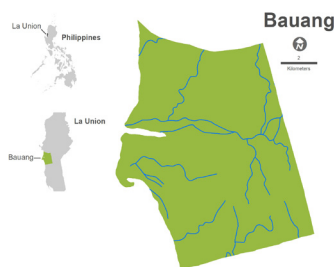
FACT SHEET

Bauang



Quick Facts

Country:	Philippines
Population:	73,032 Inh.
Adm. Area:	73.15 km ²



Executive Member of City Alliance
since 2017

Contact

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Project Start/End Year
2014-2028

Introduction

Bauang is an urbanized first class municipality in the province of La Union. According to the 2015 census, it has a population of 73,032 people. It is bordered by the City of San Fernando to the north, Municipality of Caba to the south, Municipality of Naguilian to the east, and the West Philippine Sea to the west. The municipality has a land area of 7,315 hectares or 4.8 per cent of the provincial area of 149,309 hectares. Among its barangays (sub districts), Santa Monica has the biggest land area while Pilar has the smallest land area.

Main industries in Bauang are farming, fishing, a power plant and quarrying. In addition, Bauang's main products are rice, corn, guapples and native grapes (barangays Payocpoc, Santiago, Bagbag and Urayong), mango, lowland vegetables, livestock, tobacco, marine products as well as saltwater fish. Bauang is also known for its fine sand beaches that are accessible several beach resorts. Implementation of the concept of Integrated Sanitation that is applied in this city contributes to achievement of a cluster of Sustainable Development Goals and Targets of the 2030 Agenda for Sustainable Development, such as SDG 1- No Poverty; SDG 6 - Clean Water and Sanitation; SDG 7 - Affordable and Clean Energy; SDG 9 - Industry, Innovation and Infrastructure; SDG 11 - Sustainable Cities and Communities; and SDG 17 - Partnerships for the Goals.

Challenges Related to Water and Sanitation

The provision of sanitation services is one of the most urgent development challenges besetting emerging economies in Philippines including Bauang La Union. Groundwater contamination occurs when septic tanks used by households, offices or other buildings are not managed and treated by a proper septage treatment facilities. An improperly designed, constructed, or maintained septic system can leak bacteria, viruses, household chemicals, and other contaminants into the ground-water causing serious problems.

Out of 15,920 households, around 53 per cent have a direct connection of water supply from a ground water source such as deep well (32.6 per cent), dug well (9.2 per cent), shallow well (6.3 per cent), protected and unprotected (4.4 per cent) and others (0.30 per cent) This indicates that more than half are at risk to ground water contamination which can result in serious health problems.



System Solution

Integrated Sanitation Management



Polycentric Sanitation Solutions in Bauang applied the following six modules:

- Fecal Sludge Management
- Decentralized Wastewater Management (DEWATS)¹
- Regulation
- Operation and Maintenance
- Capacity Building
- Monitoring and Evaluation

Key Project Interventions

- Fecal Sludge Treatment Plant
- DEWATS projects implemented in public market and slaughterhouse and for Paringao National High School
- Community Based Sanitation in Bauang Central West Community

Financing Mechanism (see Case Study: Financing Integrated Sanitation, 2019)

The envisioned Financing Scheme Approach for the Municipality of Bauang for the FSM is implemented through the PPP modality using Joint Venture arrangements with a qualified private sector partner that is willing to invest in sanitation project.

Project Images



Waste collection dumpsite



Leachate from solid waste



Flooding in poor housing area

Contacts

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Mallory Bellairs, UN ESCAP (Layout)

Jakrapong Tawala, UNITAR (Administrative map)

¹ UN ESCAP, UN-Habitat and Asian Institute of Technology, 2015. Policy Guidance Manual on Wastewater Management with a Special Emphasis on Decentralized Wastewater Treatment Systems.