



BALI PROVINCIAL GOVERNMENT

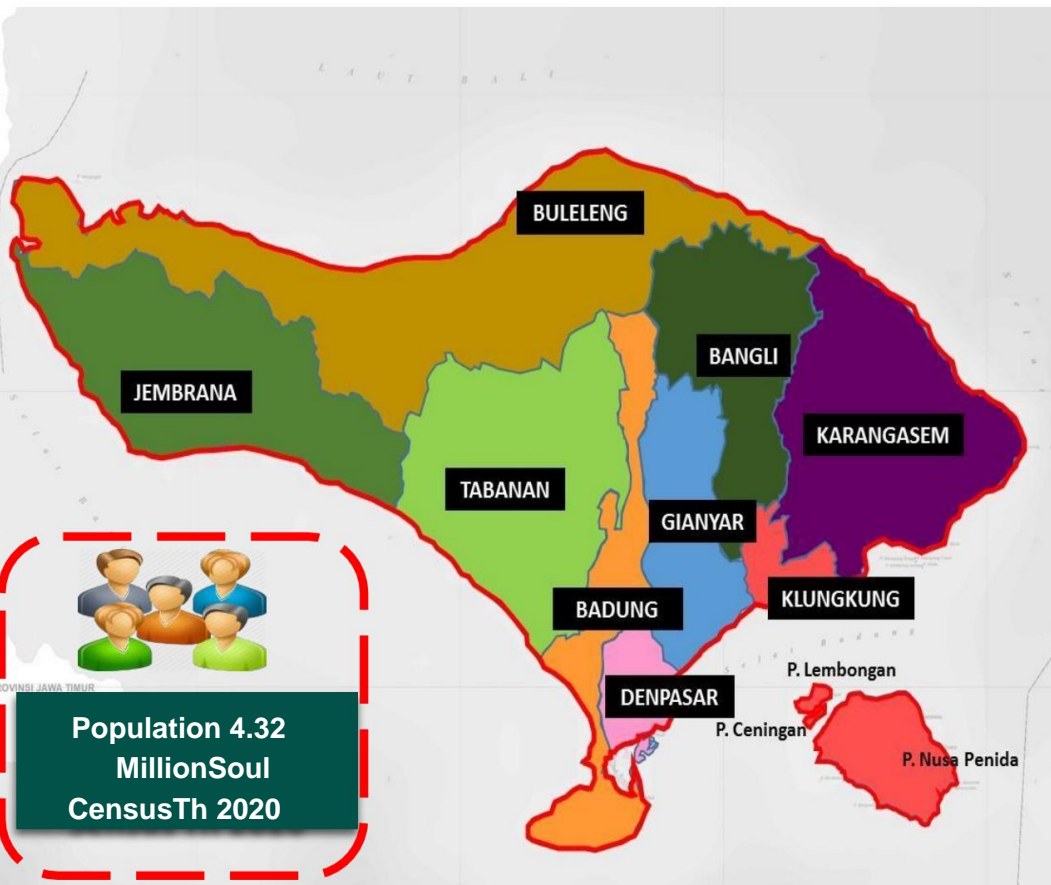
**GOVERNMENT AND BUSINESS ENTITY COOPERATION PROJECTS
AYUNG DRINKING WATER SUPPLY SYSTEM (SPAM).
SARBAGITA BALI**

Presented by:

**Provincial Bappeda
Bali 2023**



BALI PROFILE



The Bali region is divided into 6 land areas (islands), namely Bali Island is the largest island, Nusa Penida Island, Island Nusa Ceningan, Island Nusa Lembongan, Serangan Island and Menjangan Island

BALI PROVINCE

- Divided into 8 regencies & 1 city
- 57 sub-districts
- 636 villages and 80 sub-districts
- Traditionally consisting of:
 - 1,493 traditional villages
 - 3,625 traditional banjars
 - 1,598 Subak Sawah
 - 1,232 Suba



ISU STRATEGIS

- KESENJANGAN: antar sektor dan antar wilayah

(Pandemi Covid-19 mengingatkan kita untuk segera menjawab isu ini)



SEKTOR PRIMER
(PERTANIAN DALAM ARTI LUAS) :
15,68%



SEKTOR SEKUNDER
(INDUSTRI KECIL & MENENGAH) :
15,99%



SARBAGITA DAN LUAR
SARBAGITA



SEKTOR TERSIER
PARIWISATA :
68,33%



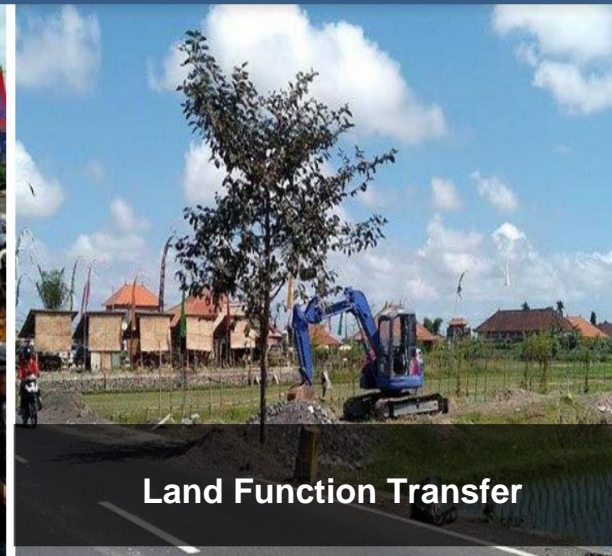
REGIONAL PROBLEMS OF THE PROVINCE OF BALI



**Developmental Disparities
Between Regions**



**Increase in Numbers
Resident**



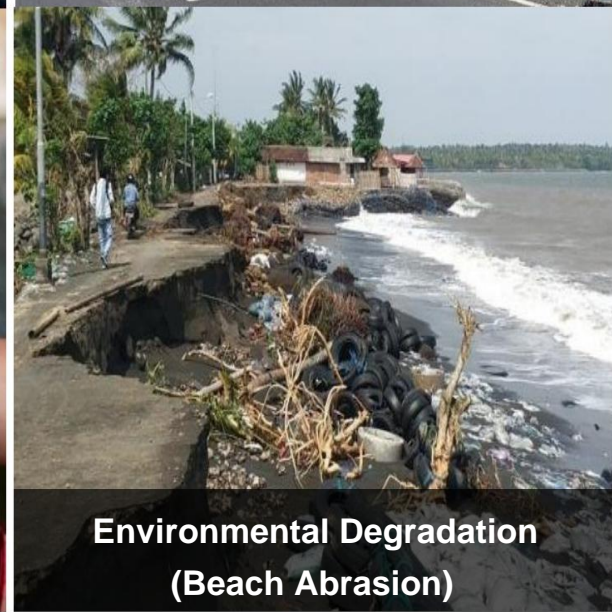
Land Function Transfer



South Bali traffic jam



**Fulfillment of Means and
Basic Infrastructure**



**Environmental Degradation
(Beach Abrasion)**



5 BIDANG PRIORITAS PEMBANGUNAN BALI TAHUN 2023



Lima Bidang Prioritas tersebut didukung dengan pembangunan infrastruktur darat, laut, dan udara secara terintegrasi dan terkoneksi.



PRIORITAS PEMBANGUNAN TAHUN 2024

- 01** Pertanian, Kelautan, IKM |
UMKM, dan Pariwisata 
- 02** Pendidikan, IPTEK,
dan Kesehatan 
- 03** Tenaga Kerja dan
Kesejahteraan Sosial 
- 04** Adat, Tradisi, Seni,
dan Budaya 
- 05** Lingkungan
Hidup 
- 06** Infrastruktur 
- 07** Tata Kelola Pemerintah
dan Reformasi Birokrasi 



RENCANA POLA RUANG

PERDA NO.02 TH.2023 ttg RTRWP BALI

PROVINCE REGIONAL PLANNING, includes: –
Protected Areas; and
– Cultivation Areas.

Cultivation areas include:

- Production forest areas
- Agricultural areas
- Fisheries areas
- Salt Area
- Mining and Energy Area
- Industrial Designation Area
- Tourism Areas
- Residential Areas
- Transportation Areas, and
- Defense and Security Areas

Protected areas include:

- Water bodies;
- Region which provide area protection of against subordinates;
- Local protected areas;
- Conservation area;
- marine conservation reserve areas ; and
- Mangrove ecosystem areas.



The Bali Province SPAM development plan is regulated in Bali Province Regional Regulation No. 2 of 2023 concerning Bali Province RTRW for 2023 – 2043.

The SPAM project in this case is included in the environmental and other infrastructure network system, which based on Article 28 paragraph (3) letter a, SPAM across districts/cities includes Denpasar City, Badung Regency, Gianyar Regency, Tabanan Regency, Karangasem Regency, Buleleng Regency , Jembrana Regency and Klungkung Regency.

Thus, the plan for implementing the Ayung Sarbagita SPAM by the Bali Province is in accordance with the RTRW of the Bali Province.



KAWASAN STRATEGIS NASIONAL KAWASAN PERKOTAAN SARBAGITA



Dam Sidan

RENCANA TATA RUANG KSN KAWASAN PERKOTAAN SARBAGITA

Kawasan Perkotaan Denpasar-Badung-Gianyar-Tabanan (SARBAGITA) merupakan Kawasan Strategis Nasional (KSN) berdasarkan sudut kepentingan pertumbuhan ekonomi. Rencana Tata Ruang KSN Kawasan Perkotaan Sarbagita telah ditetapkan dalam Perpres No. 51 Tahun 2014 yang saat ini sedang dilakukan proses revisi.

Penataan ruang Kawasan Perkotaan Sarbagita bertujuan untuk mewujudkan Kawasan Perkotaan Sarbagita yang aman, nyaman, produktif, berdaya saing, dan berkelanjutan, sebagai pusat kegiatan ekonomi nasional berbasis kegiatan pariwisata bertaraf internasional, yang berjiwa budaya Bali berlandaskan Tri Hita Karana.

PERAN PERKOTAAN SARBAGITA

- Sebagai Gerbang Utama Pariwisata Skala
- Internasional di Pulau Bali
- Sebagai pusat perekonomian Pulau Bali
- Sebagai Pusat Kegiatan Nasional
- Sebagai Kawasan Strategis Nasional dari sudut kepentingan pertumbuhan ekonomi





Project Overview

Project Description	Construction, operation and maintenance of a new drinking water supply system (water treatment installation, raw water intake and transmission pipes and other supporting facilities) at Sidan Dam with a capacity of 1,750 lt/s ("Project") with the Design-Build-Operate-Maintain-scheme Transfer	
Current Status	Completion of a feasibility study by the prospective proponent	
Implementing agencies	Regional Public Company (Perumda) Kertha Bali Saguna	
Strategic Relevance	National Strategic Project, Supporting the 2020-2024 National Medium Term Development Plan by providing piped drinking water for 10 Million Housing Connections	
Project Requirements	This project will supply clean drinking water to a population of 2,819,616 people in the Denpasar, Badung, Gianyar and Tabanan (SARBAGITA) areas thereby improving the health of the local population. The project will also help increase groundwater levels by reducing the need for groundwater for drinking purposes.	
Project Timeline	Project Stages	Date (tentative)
	Expression of interest: Last date to submit EOI	2020
	Launch of the tender process:	Q1 2024
	Private sector partner designation:	Q3 2024
	Financial Close	Q2 2025
	Commencement of Operations:	Q2 2026
Concession Finish:	2051	
Qualification Criteria	TBA	

Project Financials

Concession Time	25 years
Payback Period	10 years
Project IRR	12.17%
Tariff Payment Mechanism	User Fees (Take or Pay)
Financial Support	TBA



Financial Information of the Implementing Agency for the Last Three Years

Income statement	Revenue source 1: Tariffs (User Fees) EBITDA: [x] Profit After Tax: [x]
Balance Sheets	Total Assets: [x]; Long Term Debt: [x]- ; Debt/Equity: [x] Current ratio: [x] Quick ratio: [x]

Regional Demography

Population	2,819,616 People
Area (km2)	175,180 Ha
Number of Connections	138,175 Household Customers
Average Water Usage	21.25 m3/month
Non-Revenue Water Rate (%)	38.76-43.9%

Consumer Willingness to Pay

Final Consumer Payment History	86-96%
Average Rates	IDR 3,467/m3 - IDR 5,843/m3
Rates per Capita	



THANK YOU

