

NATIONAL DIALOGUE ON WATER SECURITY: IMPLEMENTING WATER GOALS IN TIMOR-LESTE

Strategic Planning for Water Security – ADB Picture



Dili, Timor-Leste, 16th October 2017



Today's Presentation

1. Timor-Leste Water Sector Goals
2. ADB view of the Water Goals in Timor-Leste
3. ADB's long partnership with Timor-Leste in the Water Sector
4. What is the picture of the Water Goals in Timor-Leste today?
5. Strategic planning to achieve the Water Goals in Timor-Leste
6. How ADB can support Timor-Leste Water Goals picture of tomorrow...



1. Timor-Leste Water Goals

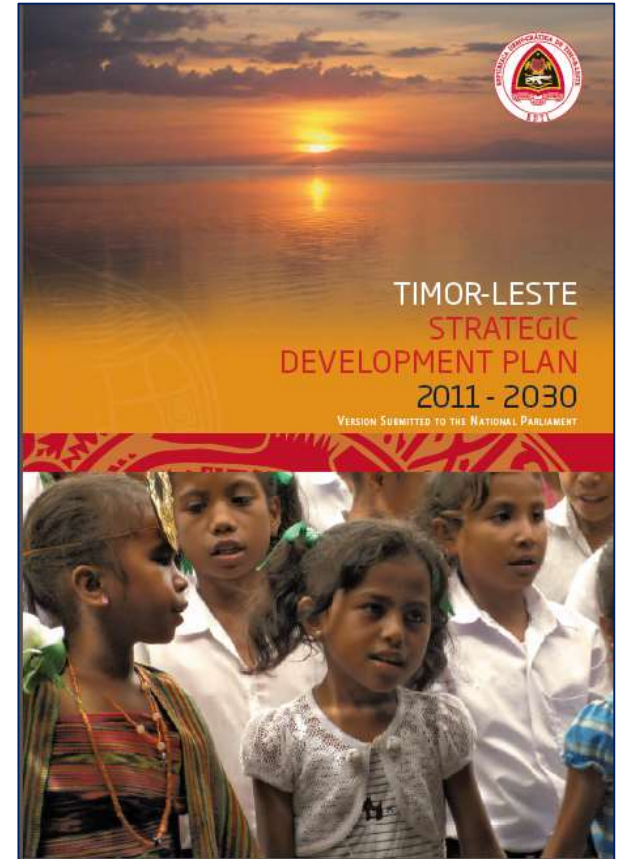
Timor-Leste Constitution

- Article 61:
 - The State shall recognise the need to preserve and rationalise natural resources.
 - The State should promote actions aimed at protecting the environment and safeguarding the sustainable development of the economy.
- Section 139(3):
 - “the exploitation of the natural resources shall preserve the ecological balance and prevent destruction of the ecosystem.”

1. Timor-Leste Water Goals

Timor-Leste's Strategic Development Plan 2011 – 2030:

- “No child perishes because of inadequate water supply, malnutrition or lack of health care.”
- “Our aim is that by 2030, all citizens in Timor-Leste will have access to clean water and improved sanitation.”



2. ADB view of the Timor-Leste Water Goals

- The water goals for Timor-Leste align with the **ADB Water Operational Plan**, the **SDP 2011–2030** and the **UN SGD6** goals.

- Everyone should have access to safe and affordable drinking water.
- Need to safeguard the security of Timor-Leste's water resources.

SGD 6: WATER AND SANITATION



Source: UN-DSD (United Nations Division for Sustainable Development)

3. ADB's long partnership with Timor-Leste in the Water Sector

ADB has been actively engaged in supporting Timor-Leste's urban water supply and sanitation services since 2000:

- Initial support, provided in the form of two **Emergency Grants** (USD 9 million), focused on emergency rehabilitation of destroyed water supply and sanitation infrastructures.
- ADF Grants (USD 17 million) to **promote water security** through the rehabilitation of the water supply systems in Dili, Manatuto and Pante Macasar urban areas.
- Under Technical Assistance projects, ADB supported the DGAS **strategic planning** through the ***Water Supply Masterplan for Dili Urban Area*** and the ***Water Supply and Sanitation Masterplan for 4 Municipalities.***

(Baucau, Viqueque, Same, and Lospalos).



4. What is the picture of the Water Goals in Timor-Leste today?

From the 2015 Census

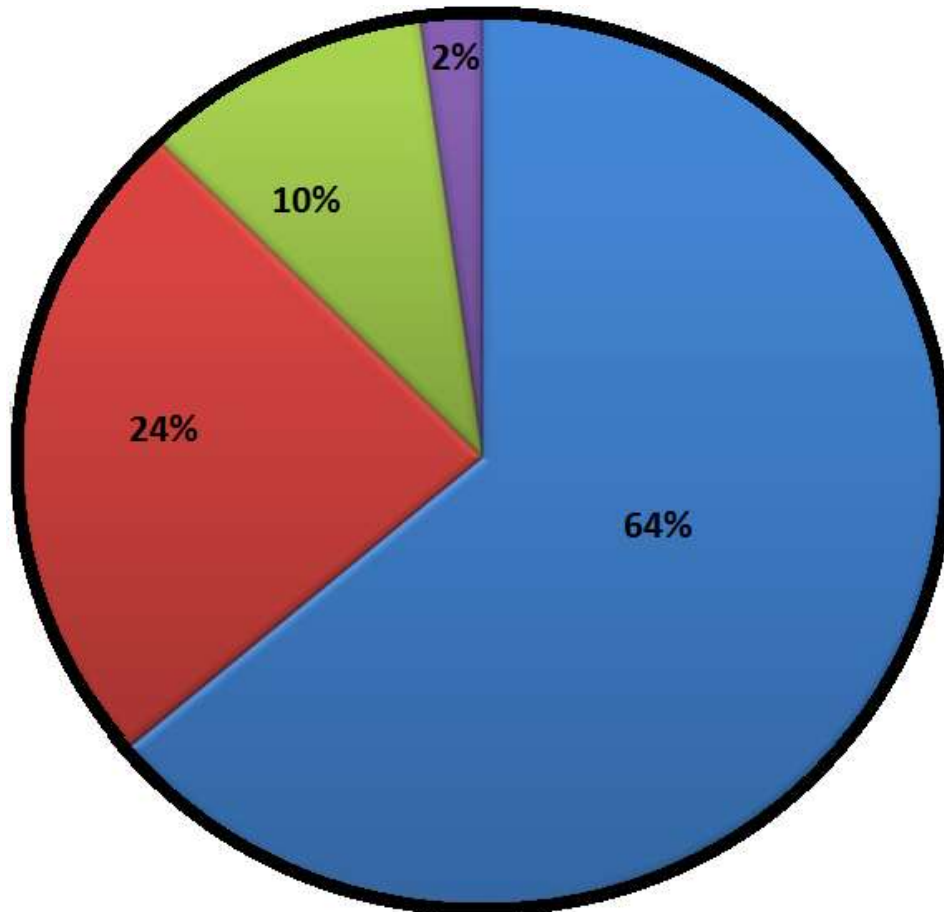
Timor-Leste	74.7%
Urban	91.5%
Rural	68.6%

NOTE: Water piped into the dwelling or yard of the dwelling constitute **safe sources**.

Improved sources comprise of public taps standpipes, wells or boreholes, protected springs and rainwater collection.



4. What is the picture of the Water Goals in Timor-Leste today?



NRW – 99,6%

Dili Water Supply System

Water Supply:

64% households get water from non-pipe sources (bores, insecure wells and illegal connections).

36% households are legally connected to the pipe network.

Connections:

12% households are metered

24% households are not metered

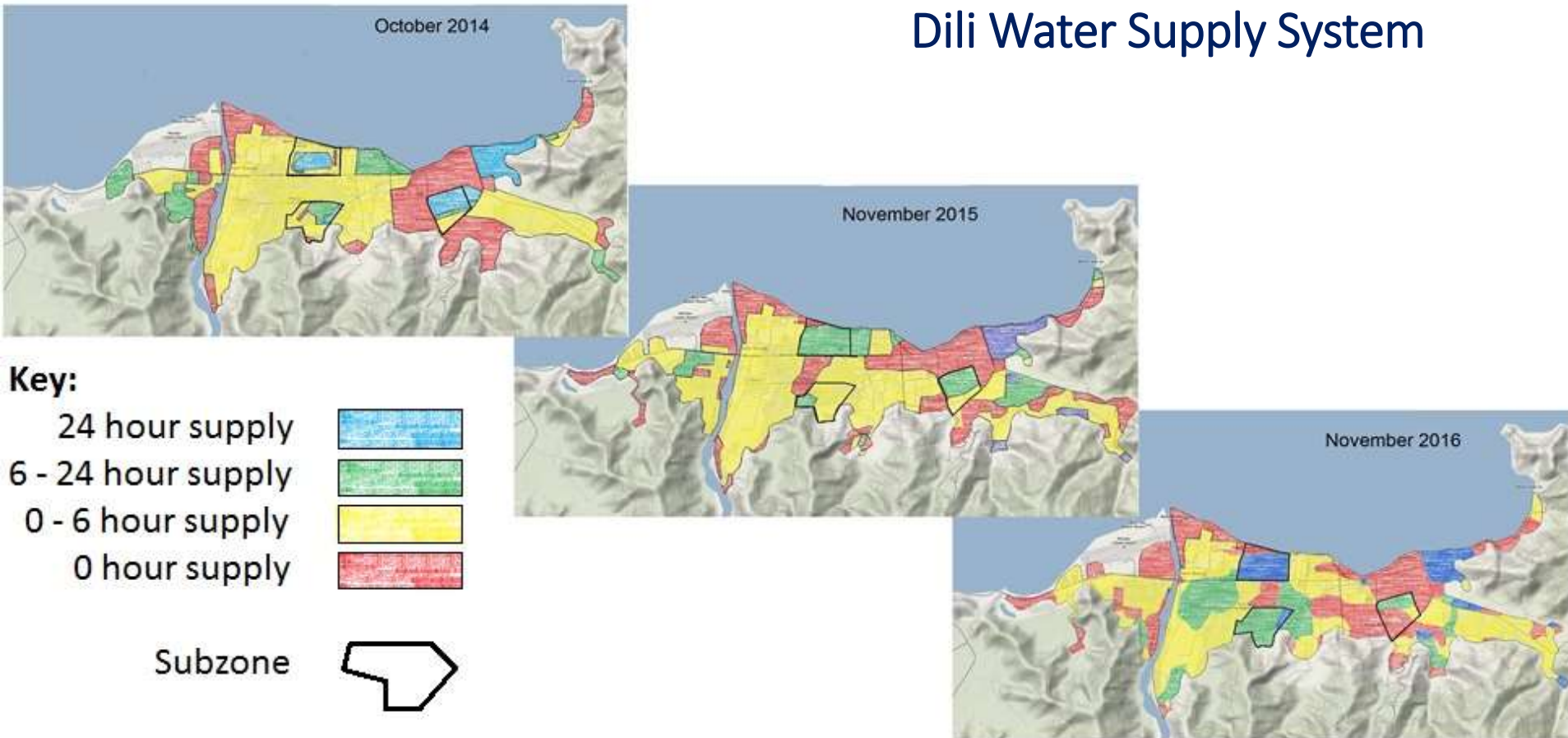
Metered Connections:

2% households pay for water use.

10% households (10%) do not pay for water.

4. What is the picture of the Water Goals in Timor-Leste today?

Dili Water Supply System



4. What is the picture of the Water Goals in Timor-Leste today?

Source of water (% households)	Public supply is main water source	Shared Household connection	Continuity.	Alternative sources
Baucau	56%	44%	< 4 days/week	53% Springs, rainwater and vendors
			<3 hrs/day	
Lospalos	46%	63%	5-6 days/week	19% Wells and bores
			2-3 hrs/day	
Same	83%	85%	1-2 days/week	
			4 -6 hrs/day	
Viqueque	72%	54%	1-4 days/week	22% River
			1 -6 hrs/day	

5. Strategic planning to achieve the Water Goals in Timor-Leste

- Preparation of a **decision making tool** to compile all the financial needs to the engineering design, construction and O&M management contracts of the urban water supply systems in Dili, Baucau, Viqueque, Same, and Lospalos.
- Develop the strategic studies: **Water Resource Capacity** and **Long-Term Water Production Options** to ensure the long term sustainability of the water resources in Dili.
- Change the **institutional arrangements** and **build capacity** among DGAS to manage the detailed engineering design, construction supervision and O&M management contracts of the water supply systems.
- Design **innovative projects** to improve the quality of the service, namely a **non revenue water program** and a **water supply billing and payment system**.

6. How ADB can support Timor-Leste Water Goals picture of tomorrow...

- By bringing the **technical knowledge** gathered from **50 years** supporting the water sector in Asia, with innumerable success stories from Manila, to Phnom Penh, Bandung and Suva...



6. How ADB can support Timor-Leste Water Goals picture of tomorrow...

- By bringing the **financial solutions** to ensure a continuous stream of finance during the implementation of the projects, **reducing the risk** and attracting the **Private Sector**.
- By guaranteeing to the Government a **transparent and rigorous process** in all the stages of the project cycle (designing, construction and O&M), ensuring the water supply infrastructures are sustainable throughout the years.
- By **working closely with all the development partners** (e.g.: UNESCO, WHO), Government and NGOs leverages the effectiveness of the projects implementation.

Thank you!
Obrigado wain!



ADB