

SAMPLE REPORT



WATER INFRASTRUCTURE PROJECTS IN THAILAND (2024–2025)

Key Developments, Regulations, and National Investment Trends

This sample is for demonstration only. Full report includes official data, citations, and tailored support.



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EXECUTIVE SUMMARY



Between 2024 and 2025, Thailand has elevated water infrastructure as a national priority—addressing challenges such as flooding, drought, and unequal access. Over 2,600 projects have been approved across the country, with total investment exceeding 100 billion baht.

This multi-agency strategy includes upgrading flood drainage systems in Bangkok and the Eastern Economic Corridor (EEC), enhancing long-term storage through dams, and expanding piped water access in rural provinces. The Metropolitan Waterworks Authority alone is overseeing more than 1,700 local water supply initiatives under its 2025 fiscal plan.

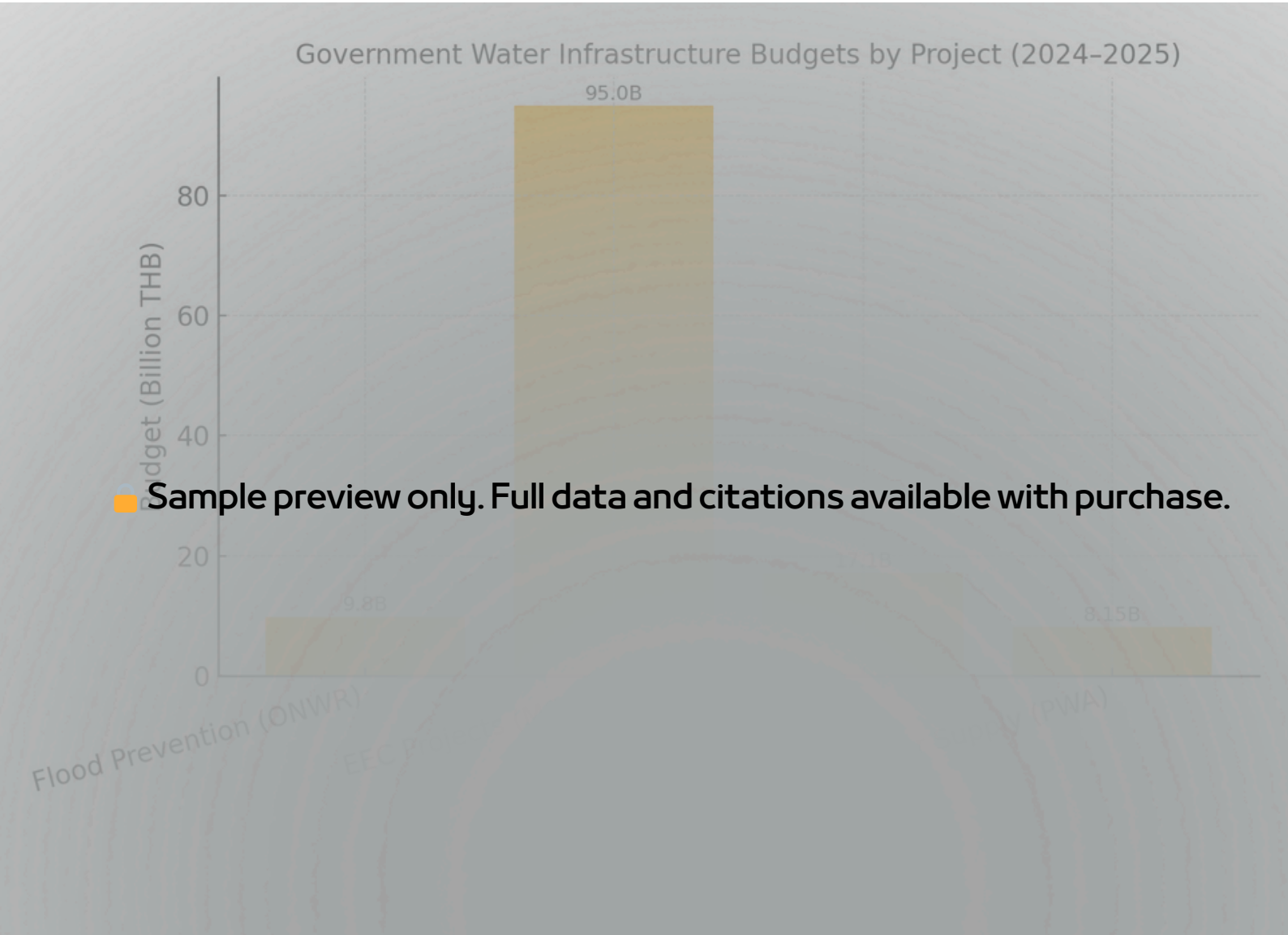
In addition to physical infrastructure, government efforts are increasingly aligned with long-term policy frameworks, digital water management upgrades, and private-sector collaboration through Public–Private Partnerships (PPPs). This report outlines the structure, scope, and impact of Thailand’s water development plans within a national investment and regulatory context.

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KEY PROJECTS & INVESTMENT SNAPSHOT



REGULATIONS & GOVERNANCE

Water infrastructure and management are regulated by various government bodies:

- Water Resources Act B.E. 2561 – Governs resource usage and permits.
- Factory Act B.E. 2562 – Regulates wastewater discharge
- IEAT Announcement B.E. 2567 – Laid rules for wastewater treatment

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- Department of Water Resources (DWR)
- Pollution Control Department (PCD)
- Department of Urban Planning and Town & Country Planning (DPT)

Key Local Regulation (EEC): IEAT Announcement B.E. 2567 on Wastewater Discharge

Municipal Acts: Local governments must comply with Ministry of Interior standards on drainage and wastewater

LONG-TERM STRATEGY & POLICY (NEW)



This section outlines Thailand's long-term water infrastructure strategy :

- The 20-Year National Water Resources Master Plan (2018–2037) sets the foundation for integrated water management, focusing on drought preparedness, flood prevention, and clean water access.

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- In the Eastern Economic Corridor (EEC), the government plans 38 projects worth 2.87 billion baht, to increase water capacity by 1.5 billion cubic meters to support industry and agriculture.
- The Ministry of Agriculture and Cooperatives plans 2,668 small-to-medium flood mitigation projects with a combined budget of 7.6 billion baht (2024–2028).
- PWA's Strategic Plan (2025–2029) allocates 8.15 billion baht to over 1,700 rural and regional water supply expansion projects.
- National policy also prioritizes wastewater management, disaster preparedness, and public-private collaboration

FOREIGN & PRIVATE SECTOR INVOLVEMENT

Foreign involvement includes suppliers of pumps and treatment systems from Germany, Japan, and China.

- **Public-Private Partnerships (PPPs):** Thailand promotes BOO, BOT, and BTO models under the PPP Act.
- **Private Sector Role:** Private sector partners help expand pipelines, manage treatment plants, and support digital upgrades.

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Company		Primary Role
Mitsubishi Electric	Japan	Supplier of pumps for PWA water treatment plants
Mitsui & Co.	Japan	Facilitator in financing pipeline PPP projects
Veolia	France	Provider of advanced water treatment systems
Joint Venture (Tunnel Project)	China	Lead contractor for the construction of water diversion tunnel
PWA (Gov-Owned)	Thailand	Responsible for managing over 1,700 local water supply projects in FY2025



PREMIUM CONTENT PREVIEW

Project Name	Budget (THB)	Year	Location
EEC Water Tunnel	1,500,000,000	2025	Chonburi
Srinagarin Diversion	2,500,000,000	2025	Western TH
Phuket-Phang Nga Pipeline	3,500,000,000	2025	South



Premium Content Preview