



ASIA NOW: NAVIGATING THE ASEAN REGION

Water and Wastewater Equipment

INDONESIA



Market Overview

- Forecasted growth rate of 10% (2006-2008)
- Value of imports: \$180 million, est. 100 % of imports over market size
- 12 % US market share of total imports

Best Prospects

- Water filtration
- Water purification eq. & control systems.
- Water treatment chemicals

PHILIPPINES



Market Overview

- Forecasted growth rate of 5% (2007-2009)
- Value of imports: \$74 million, est. 80 % of imports over market size
- 39 % US market share of total imports

Best Prospects

- Drinking water treatment
- Products/equip for development of additional water resources
- Sewage treatment
- Industrial wastewater treatment and recycling

THAILAND



Market Overview

- Forecasted growth rate of 10% (2006-2008)
- Value of imports: \$115 million, est. 80% of imports over market size
- 13% US market share of total imports

Best Prospects

- Submersible pumps
- Blowers
- Aerators
- Sludge dewatering
- Water treatment chemicals.
- Engineering and consulting

MALAYSIA



Market Overview

- Forecasted growth rate of 11% (2007-2009)
- Value of imports: \$970 million, est. 116% of imports over market size
- 20 % US market share of total imports

Best Prospects

- Compact biological treatment systems
- Advanced wastewater treatment chemicals
- Ultra pure water tech.

SINGAPORE



Market Overview

- Forecasted growth rate of 10-15% (2007-2010)
- Value of imports: \$1.2 billion, est. 120% of imports over market size
- 40 % US market share of total imports

Best Prospects

- filtering & purifying machinery and apparatus
- advanced membrane technologies for wastewater recycling and treatment
- ultraviolet disinfection systems

VIETNAM



Market Overview

- Forecasted growth rate of 15-20% (2006-2008)
- Value of imports: \$200 million, est. 45% of imports over market size
- 9% US market share of total imports

Best Prospects

- Pumps & Valves
- Ductile Iron Pipes
- Water Treatment Chemicals
- Water Filtration Systems
- Water Control & Monitoring Equip.
- Wastewater Treatment Equip./Tech.

Market Specifics

The water quality focus in ASEAN is on user groups (potable water, recreational use, commercial fisheries and irrigation). Overall water demand in the ASEAN nations is expected to increase by a third over the next 20 years, though member countries are relatively water abundant. Almost all ASEAN members are affected by both drought and flooding issues. A [detailed report](#) on the state of ASEAN water resources was published in Oct 2005.

Indonesia



Malaysia



Philippines



Enforcement Agency

Ministry of Environment

Ministry of Public Works,
Directorate General for Urban
and Rural Development

[Department of Environment](#)

[Department of Environment
and Natural Resources](#)

Regulations

Delegation of Water Authority
stipulated by Minister of Public
Works Decree No. 16/KPTS/1986

Water Resources Law No. 7/2004

Environmental Quality Act 1974,
Sewage & Industrial Effluent
Regulations, 1979

Philippine Clean Water Act
of 2004

Major Contributors to Pollution

Municipal sewages, plywood,
rubber, palm oil, textiles, mining,
fertilizer, pulp & paper, sugar,
MSG and tapioca industries.

Municipal sewage, food &
beverage producers, chemical
industries, paper, rubber & palm
oil plantations, textiles.

Municipal sewage,
semiconductor, textile and
garment, and food industries
and chemical plants

Market Research

[Water Resource Equipment and
Services](#) (1/06)
[Water and Wastewater Treatment
Equipment and Services](#) (4/05)

Malaysia: Water Pollution
Control Equipment (5/07)

The Philippines
Environmental Market
(07/06)

Trade Shows

Environment Technology
Indonesia 2007

[Asia Water 2008](#)

[Enviro-Tech Philippines 2007](#)

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Market Specifics

Singapore 

Thailand 

Vietnam 

Enforcement Agency	National Environment Agency and Public Utilities Board	Ministry of Natural Resources and Environment (MNRE)	Ministry of Natural Resources and Environment www.monre.gov.vn
Regulations	Environmental Pollution Control Act and the Environmental Public Health Act	Improvement and Conservation of National Environmental Quality Acts, E.E. 2535(1992)	Environmental Protection Law launched in 1993
Major Contributors to Pollution	Untreated chemical waste	Municipal wastes, Industrial wastes, Farms and Aquaculture	Combine sewerage system of storm water, untreated wastewater and solid waste. No city has a central wastewater treatment plant
Market Research	Water and Wastewater Treatment (11/05)	Water Pollution Control Equipment (3/03)	
Trade Shows	Enviro Asia 2007 http://www.enviroasia.com.sg	Entech Pollutec Asia 2007 June 6-9, 2007, Bangkok www.cmpthailand.com Aquatech Asia 2007 October 2007 www.asiacongress.com	ENVIROMENTAL TECHNOLOGY 2007 http://www.vacne.org.vn/ENGLISH/HCTL2007_1E.htm
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