



MINISTRY OF ENERGY,
GREEN TECHNOLOGY AND WATER (KeTTHA)

**OPENING ADDRESS
TRENCHLESS ASIA 2018
10TH INTERNATIONAL EXHIBITION ON
TRENCHLESS TECHNOLOGY**

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Deputy Secretary-General**

**Ministry Of Energy,
Green Technology & Water**



Eleventh Malaysian Plan: Continuing the transition to a new water services industry framework

Strategies

1. Raising the financial sustainability of the water services industry
2. Expanding network and treatment plant capacity through infrastructure investment and use of efficient technology
3. Increasing efficiency and productivity of the water and sewerage services
4. Strengthening the regulatory framework of the water services industry

Outcome of the 11th Malaysia Plan:

Expanding coverage and improving the quality of the water services industry nationwide.

KPI

99%

99% population served by clean and treated water by 2020

85%

85% sewerage connected services coverage especially to the main cities by 2020.

31%

Reduction of Non-Revenue Water to 31% target by 2020

PPP : The Malaysian *Experience*

Concept

Smart partnership arrangement between Government and private sector for the purpose of providing public infrastructure, community facilities and related services

Characterised by the sharing of investment, risk, responsibility and reward between the partners

- Reasons for establishing partnership :
- Efficient design, construction, operation and maintenance of infrastructure
 - Enhanced services

Methods

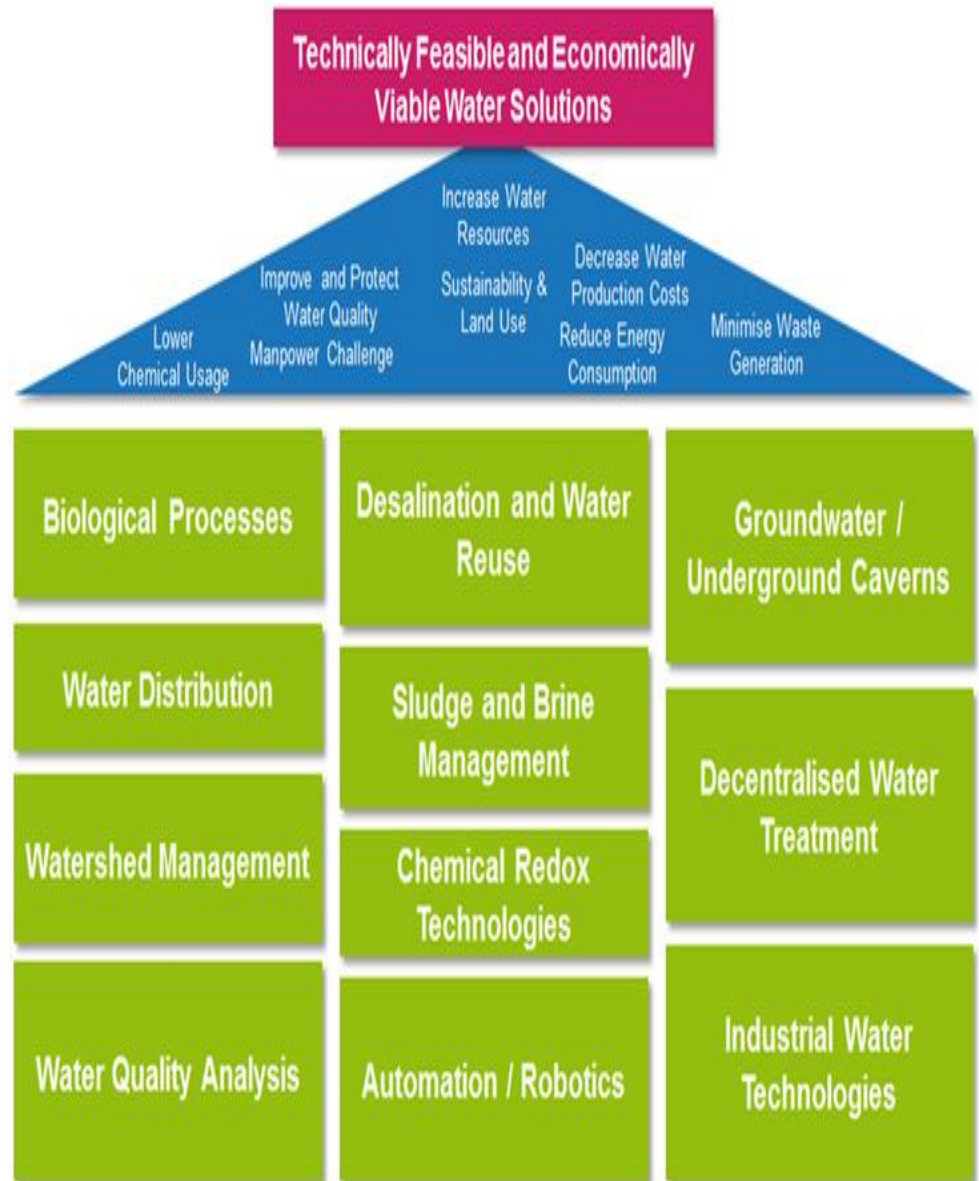


8 WATER DEMAND MANAGEMENT STRATEGY



INVESTMENT IN TECHNOLOGY TOWARDS A SUSTAINABLE WATER SECTOR

- Water innovation can apply not only to new sustainable technologies but also to new partnerships extending across public administration, research and industry.
- New business models and new forms of water governance that are not only innovate themselves but also stimulate and support technological innovations.
- New policies addressing the pricing, financing, and regulation of water can make the sector more receptive to innovation.



To enhance the sewerage network, newly Water Reclamation Plant is developed to:

- Circular economy
- Re-banding exercise, instead of STP
- Increase value of treated water and sludge

50% Bio-solids to be recycled for electricity generation.

50% Bio-solids to be recycled.

1/3 Bio-effluent to be recycled.

GREEN TECHNOLOGY MASTER PLAN MALAYSIA 2017 - 2030

