

# Water for People



# Current Issues

1. Increase of pollution, Dry season- low flow, high concentration (**PTS 13, PTS 14**)
2. Raw water source shortage (**PTS 17, PTS 19, PTS 33, PTS 34**)
3. Lack of awareness on value of water due to low water tariff (**Target 14, 18**).
4. Shortcomings of infrastructure in WTP/ supply/ system to meet CC challenge. (**None**)

# Status

**1. Increase of pollution, Dry season- low flow, high concentration. (PTS 13, PTS 14)**

**Target 05:** Reduce vulnerability of water resources to impacts and threats.

**PTS13-** identify existing and emerging threats to & from water resources as well as water bodies.

**PTS14-** identify options & measures to reduce, mitigate & remove stress, threats, impacts & risks including transboundary risks, & hazard events.

# Status

**2. Raw water source shortage. (PTS 17, PTS 19 PTS 33, PTS 34)**

**Target 05:** Reduce vulnerability of water resources to impacts and threats.

**PTS 17-** Identify options for ensuring, resiliency of water resources from stress, threats, impacts, hazard & disaster events.

**PTS 19-** Identify water resources conservation options, targets & action plans.

**PTS 33-** Identify key user and uses.

**PTS 34-** Identify key water resources use areas.

# Status

- 3. Lack of awareness on value of water due to**
  - 1. Low water tariff (value of water).**

**Target 14 :** Adopt measures to implement water demand management nationwide.

**Target 18:** Improve understanding & awareness on the importance of water resource security & sustainability.

# Recommended Actions

## **1. Increase of pollution, dry season- low flow, high concentration.**

- Upgrading of water supply / sewerage system to meet drinking water quality standard (support from Government).
- Control of Landuse
  - Development planning to protect water source.
  - Protection of catchment area.
- Enforcement of Regulations (Sewage & Industrial Effluent).

# Recommended Dept/ Agencies

- MOF
- Perbadanan Aset Air Bhd (PAAB)
- KPKT
- DOE

# Recommended Actions

## 2. Raw water source shortage.

- To have Alternative Raw Water Source.
  - Reserve reservoir.
  - Mining ponds.
  - Ground water.
- To have incentives.
  - Reuse of waste water.
  - Rain water harvesting.
- Alternative supply water during floods/ droughts/ disaster.



# Recommended Dept/ Agencies

- KeTTHA

# Recommended Actions

## 3. Lack of awareness on value of water due to low water tariff

- To increase awareness in the value of water.
  - Ownership program (Enhance “Cintai Sungai” program) & as economic source.
  - Review water tariff.
  - Public awareness campaign.
  - Regulation & enforcements to control unnecessary water usage, especially during water stress episode.
  - Water budgeting for all sectors during dry season.

# Recommended Dept/ Agencies

- KeTTHA
- Local Authorities.

# Recommended Actions

## 4. Shortcomings of infrastructure in WTP/ supply/ system to meet CC challenge.

- Upgrading of infrastructures. Budget from government.
  - Protection of water supply system and sewerage system.
    - Flood mitigation ( flood walls).
    - Slope wall.
    - Pipelines / pumps.

# Recommended Dept/ Agencies

- MOF
- Perbadanan Aset Air Bhd (PAAB)

Should not be commercial driven  
But prioritize Rakyat's Interest

Thank You

