WATER SUPPLY CHALLENGES IN INDONESIA
AUSTRALIAN WATER ASSOCIATION WORKSHOP
JAKARTA, 28 JUNE 2016
PERPAMSI
Association of Indonesian Water Supply Companies

- Founded on April 8, 1972
- Established by directors of 54 existing water utilities at that time.
- The background of the establishment was mainly to join forces and work together in addressing common issues and challenges faced by Indonesian water utilities.
- The role of PERPAMSI is to support the Government of Indonesia achieve the objectives of development in water supply
PERPAMSI’S MEMBERS

387 PDAMs

Total national customers
Number of connections (2014)

± 10,6 million

25 Private operators
15 public service unit

15 PDAMs more than 100K customers
215 PDAM less than 10K customers

Total workers
53,906 people

PDAM PERFORMANCE (2014)

HEALTHY
LESS HEALTHY
UNHEALTHY

182
103
73

Source: BPPSPAM
ISSUES RELATED TO WATER QUALITY

RAW WATER
Degradation of hydrological conditions:
- Domestic wastes
- Industrial activities
- Agriculture and mining
- Deforestation
- Impact of climate change

TREATMENT PLANT
Treatment failure, lack of knowledge and skills

DISTRIBUTION
Unreliable, aging infrastructure, inefficient operation

RISKS
- Decreasing water availability and reliability of supply
- Declining water quality
- Failure to meet basic water needs
FACTS

• Government of Indonesia has targeted 100% water access for the people by 2019. However, increasing number of connections to improve water accessibility will not solve water problems in the absence of sound human resources capacity and a comprehensive plan to secure water resources.

• Many (new) local governments and PDAMs responsible for service provision are lacking the experience and skills needed in their role. As a consequence, water supply services suffer low quality.

• Careful analysis of opportunities and needs may prove valuable to corporations and investors who are seeking to capitalize on smart and effective solutions to water challenges in Indonesia.
OPPORTUNITIES AND NEEDS

Supports from Australian counterparts
1. Capacity building for PDAMs: training, workshop, exchange program
2. Water operator partnerships
3. Introduction to applicable new technology
4. Technical assistances
5. Corporate Social Responsibility
Terima kasih