

The Issues and Challenges of CTWWA

Yang-Long Wu
Secretary General
Chinese Taiwan Water Works Association

outline

- Fund support from government
- Try-out DIP with NS joint in Taipei
- New Testing and Inspection Laboratory
- JWVA/WRF/CTWWA Water System Seismic Conference
- International Activity

Fund support from government (1)

- Government budgets (2017-2024) :
 - US\$80 billions on mitigation and adaptation strategy for climate change.
- The Projects includes:
 1. Water policy reforms e.g. Pricing mechanisms
 2. Building smart water supply systems
 3. Efficient water use and water conservation
 4. Rainwater harvesting
 5. Integrated river management
 6. Construction of storage
 7. Recycling of wastewater
 8. Building desalination plants, etc.
- CTWWA do as an advisor to provide the expert opinions and to assist in the review

Fund support from government (2)

Water Resources Agency, Ministry of Economic Affairs support US\$ 6.7 millions (2017-2020) to 4 water utilities to improve or build the following systems up toward Smart Water Systems

- GIS
- SCADA
- AMR
- Smart meters
- Remote control systems, etc.
- CTWWA also do as an advisor to provide the expert opinions and to assist in the review

Try-out DIP with NS joint in Taipei

- Preventing liquefaction making the water supply system damaged when earthquakes.
- Taipei Water Department will try out DIP with NS joint (NS-DIP) when changing aged pipes in liquefaction area.
- The materials and technology of NS-DIP will be imported from Japan.
- TSS do as a consultant on this project to review it and train the local contractors and technical staffs of TWD

New Testing and Inspection Laboratory

- The Testing and Inspection Laboratory of CTWWA is certificated by Taiwan Accreditation Foundation.
- For providing the best services for water industries and develop the testing and inspection business, the laboratory should expand the site and increase the equipment.
- New Testing and Inspection Laboratory with 611m^2 base area and 625m^2 usable house area that will be opening in 2018.

JWWA/WRF/CTWWA Water System Seismic Conference

- The 10th JWWA/WRF/CTWWA Water System Seismic Conference was held on 18th -20th, Oct, at National Center for Research on Earthquake Engineering In Tainan, TAIWAN
- 3 keynotes
- More than 30 papers from US, JAPAN and TAIWAN
- More than 120 participants



International Activity

- Attend 2017 IWA-ASPIRE Conference and Exhibition on 11th-15th, Sep. in Kuala Lumpur, Malaysia.
- Declaring to apply 2021 IWA-ASPIRE conference and exhibition in Kaohsiung, Taiwan
- Please give us your support.



Thanks for your listening

