

CONFERENCE PROGRAMME

DAY 1 | 22ND APRIL 2015, WEDNESDAY

Day/Time	DAY 1 Wednesday, 22 nd April 2015			
0800 - 0900	REGISTRATION			
0900 - 0930	Keynote 1: Planning for A Water Blueprint for Malaysia <i>Ybhg. Datuk Loo Took Gee</i> Secretary General Ministry Energy Green Technology and Water Chairperson: <i>Tan Sri Syed Mohammad Shahabudin</i>			
0930 - 1000	Keynote 2: Transforming Utilities to Deliver Efficient Service - The Penang Story <i>Ir. Jaseni Maidinsa</i> Perbadanan Bekalan Air Pulau Pinang Sdn Bhd (PBAPP) Chairperson: <i>Tan Sri Syed Mohammad Shahabudin</i>			
1000 - 1100	BOOTH VIEWING AND COFFEE BREAK Venue : <i>Exhibition Hall 4, Ground floor</i>			
	Stream A: Securing Our Water Supply For The Future	Stream B: Enhancing Wastewater And Reuse	Stream C: Sustainable Environment and Protection	Stream D: Advances in Water Loss Control Initiatives
	WS1 - Water Policy and Governance Chairperson: <i>Ir. Beh Hong Lin</i>	WW1 - Sustainable Wastewater Management Chairperson: <i>Mr. Sutekno Ahmad Belon</i>	EP1 - Policy and Government Chairperson: <i>Prof. Dr. Maketab Mohamed</i>	WL1 - Water Loss Management Chairperson: <i>Ir. Syed Mohamad Adnan Mansor Alhabshi</i>
1100 - 1120	Regulating The Water Industry - Status and Challenges <i>Mr. Mohd Ridhuan Ismail</i> National Water Services Commission	GREEN MIRACLES - Untapped Opportunities and Resources in Sewerage Business <i>Datuk Ir. Abdul Kadir Md. Din</i> Indah Water Konsortium Sdn. Bhd. (IWK)	The State of our Rivers :Social and Enforcement Issues and Challenges – Case Study of Rivers in Selangor <i>Dr. Zulkifli Abdul Rahman</i> Department of Environment Malaysia (DOE)	Integrated Approach to Non-Revenue Water Reduction <i>Mr. Koen Kinsbergen</i> Pure Technologies
1120 - 1140	Keeping the Water Reform on Track <i>Dr. Chin Yoong Kheong</i> Capital PI Sdn Bhd	Sewerage Projects under NKEA – River of Life and Non-River Business Opportunities <i>Dato Ir. Dr. Zullkefle Nordin</i> Jabatan Perkhidmatan Pembetulan (JPP)	National Water Resources Policy - Can Water Security in Malaysia be Ensured? <i>Dato Ir. Hj Hanapi Mohamad Noor</i> Department of Irrigation and Drainage (IRR)	Approach to 24 X 7 Water Supply by Coimbatore Corporation <i>Mr. K. Ashok Natarajan</i> Tamilnadu Water Investment Company Limited
1140 -1200	Sustainable Water Resources Management within the Malaysian Federation Framework <i>Dr. Rasyidah Md Khalid</i> Universiti Teknologi MARA (UiTM)	Risk Profiling and Management for Water Assets <i>Mr. Trevor Taylor</i> ARUP	Environment Pollution Index <i>Prof. Dr. Rahmalan Ahamad</i> Universiti Teknologi Malaysia (UTM)	The PBAPP – JICA Collaboration to Build Competencies in Non-Revenue Water <i>Ir. Jamil Mohd Noor</i> Perbadanan Bekalan Air Pulau Pinang (PBAPP)
1200 - 1220	Competency Training for the Water Industry – Issues & Challenges in Meeting Needs for an Enhanced Workplace Performance <i>Mr. Mohd Nizam bin Omar</i> Penang Water Services Academy (PWSA)	Good Governance in Regulatory Practices in Water Services Sector: Challenges, Progress and Way Forward <i>Ms. Punita Nook Naidu</i> National Water Services Commission	Empowering Stakeholders towards Practical Water Ethics through the Heartware Approach <i>Prof. Datin Dr. Azizan Baharuddin</i> Institut Kefahaman Islam Malaysia (IKIM)	Experiences in Managing Ho Chi Minh City Non-Revenue Water Reduction Project <i>Mr. Vuong Quang Sang</i> SAIGON Water Corporation (SAWACO)
1220 - 1240	Q&A Session			



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Day/Time	DAY 1 Wednesday, 22 nd April 2015			
1240 - 1340	LUNCH <i>Venue : Conference Hall 2, Level 3</i>			
1340 - 1410	Keynote 3: Land Use Planning & Regional Development Policy Reforms for Innovative Environment Management <i>YBhg. Dato' Abdul Rahim Nik</i> <i>Deputy Secretary General, Ministry of Natural Resources and Environment (NRE)</i> <i>Chairperson: Dato Paduka Dr. Ir. Hj. Keizrul Abdullah</i>			
	WS2 - Planning for Sustainable Water Management <i>Chairperson: Mr. Ahmad Zahdi Jamil</i>	WW2 - Sewerage Operations and Resource Recovery <i>Chairperson: Mr. Mohamad Hairi bin Basri</i>	EP2 - Education <i>Chairperson: Dr. Norhayati Abdullah</i>	WL2 - Smart NRW <i>Chairperson: Mr. Gary Wyeth</i>
1410 - 1430	Water Infrastructure Development towards Vision 2020 <i>Ir. Noor Azahari bin Zainal Abidin</i> <i>Ministry of Energy Green Technology and Water (KeTTHA)</i>	Biotechnology Potentials at Sewage Treatment Plants <i>Prof Hesham A.El Enshasy</i> <i>Universiti Teknologi Malaysia (UTM)</i>	Environment Protection and Conservation <i>Prof. Dr. Maketab Mohamed</i> <i>Malaysian Nature Society (MNS)</i>	Developing Real-time Response Strategies via Hydraulic Modeling <i>Mr. Marcus Chang</i> <i>Bentley Systems</i>
1430 - 1450	Malaysian Water Industry : Possible Solution from the Past <i>Tuan Ir. Syed Mohd Adnan Alhabshi</i> <i>The Malaysian Water Association (MWA)</i>	Culture Change for Effective and Efficient Sewerage Service Delivery <i>Mr Johan bin Leman</i> <i>Indah Water Konsortium Sdn. Bhd. (IWK)</i>	Project ReviVaL (Revive Varsity Lake): Development of Living Lab in University of Malaya Campus <i>Dr. Nobumitsu Sakai</i> <i>Kyoto University (Universiti Malaya)</i>	
1450 - 1510	Some Perspectives and Challenges of the Proposed Safe Drinking Water Act 2015 – New Approaches Towards Vision 2020 <i>Engku Azman Tuan Mat</i> <i>Ministry of Health Malaysia</i>	River of Life - The Plan and Benefits to Malaysia <i>Mr. Scott Dunn</i> <i>AECOM</i>	Environment Education and the Consumer <i>Mr. Foon Weng Liang</i> <i>Water Forum Malaysia</i>	
1510 - 1530	The South to North Water Diversion Project in China <i>Dr. Tao Li</i> <i>IWA Greater China Office</i>		Carbon Footprint <i>Mr. Abdul Nasir Hassan</i> <i>SAJ Holdings Sdn Bhd</i>	
1530 - 1550	Q&A Session			
1550 - 1650	BOOTH VIEWING AND COFFEE BREAK <i>Venue : Exhibition Hall 4, Ground floor</i>			



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CONFERENCE PROGRAMME

DAY 2 | 23RD APRIL 2015, THURSDAY

Day/Time	DAY 2 Thursday, 23 rd April 2015			
0800 - 0900	REGISTRATION			
0900 - 1000	OPENING CEREMONY <i>Official Opening by The Minister of Ministry Energy Green Technology and Water (KeTTHA), Y.B Datuk Seri Panglima Dr Maximus Johnnity Ongkili</i>			
1000 - 1100	BOOTH VIEWING AND COFFEE BREAK <i>Venue : Exhibition Hall 4, Ground floor</i>			
	WS3 - Disaster and Risk Management for Water Supply System <i>Chairperson: Datuk Ir. Abdul Kadir Md. Din</i>	WW3 - Projects and Technology Development <i>Chairperson: Ir. Zulkiflee Abd Hamid</i>	EP3 - Watershed Services <i>Chairperson: Prof. Dr. Rahmalan Ahamad</i>	WL3 - Leakage Management <i>Chairperson: Mr. Mark Nicol</i>
1100 - 1120	JWVA's Emergency Challenges for the Earthquake Mr. Toru Tomioka <i>Japan Water Works Association (JWWA)</i>	The Concept of Value Engineering in Application of GRP Pipes for Sewage and Water Transmission Pipelines Dr. Hassan Assae <i>Farassan Industrial and Manufacturing Company Iran</i>	Hydrological Impacts of Landuse Prof. Zulkifli Yusop <i>Universiti Teknologi Malaysia (UTM)</i>	Fixed Leak Detection Mr. Mark Nicol <i>Echologics – Asia Office</i>
1120 - 1140	Experience of Planning and Managing Major Water Rationing Exercise in Selangor, Kuala Lumpur and Petaling Jaya during 2014 Drought Ir V. Subramaniam <i>Syarikat Bekalan Air Selangor Sdn Bhd (SYABAS)</i>	Advantages and Applications of the AnoxKaldnes™ MBBR Technologies Mr. Mathieu Le Noir <i>Veolia Water Solutions and Technologies</i>	Integrated River Basin Management in Malaysia Dato' Paduka Dr. Ir. Hj Keizrul Abdullah <i>Malaysian Green Technology Corporation (GreenTech Malaysia)</i>	Leak Detection on Non-metallic Pipes, a Malaysian Case Study Mr. Faisal Salleh <i>Jalur Cahaya Sdn Bhd</i>
1140 - 1200	Approaches Adopted in Managing Water Supply System during Flood Mr. Safurazi Mohd Salleh <i>Air Kelantan Sdn Bhd</i>	Centralized Sewerage System in Kuching City Mr Tai Lee Yoon <i>Jurutera Jasa (Sarawak) Sdn Bhd</i>	Understanding Ecosystem Services Y.Bhg Prof. Dr. Mohd Shahwahid Haji Othman <i>Universiti Putra Malaysia (UPM)</i>	Experience and Results of Using Free Swimming Non-Tethered (FSNT) In-Line Leak Detection System on Large Diameter Pipes in Malaysia Mr. Ahmad Samhan Daud <i>Jalur Cahaya Sdn Bhd</i>
1200 - 1220	Sustainable Consumption Through Water Conservation and Demand Strategies, Efficient Use of Water, Integrated Planning Mr. Chong Hou Chun <i>PUB Singapore</i>	A Collaborative Trial to Validate the SewerBatt Technology Ms. Monica Bennett <i>Isle Utilities Pty Ltd Australia</i>	Technology for Palm Oil Mill Effluent (POME) Dr. Pua Eng Teck <i>Ronser Bio-Tech Sdn Bhd</i>	ALR Concept Mr. Azaruddin <i>Ranhill Water Service Sdn Bhd</i>
1220 - 1240	Q&A Session			
1240 - 1340	LUNCH <i>Venue : Conference Hall 2, Level 3</i>			



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DAY 2 | 23RD APRIL 2015, THURSDAY

Day/Time	DAY 2 Thursday, 23 rd April 2015			
1340 - 1410	Keynote 4: Water Loss - New Realities & Leading Practices <i>Mr. Stuart Hamilton</i> JD7 <i>Chairperson: Datuk Ir. Mohd Khalid Hj Nasir</i>			
	WS4 - Drinking Water Technologies and Innovations <i>Chairperson: Ms. Amy Yew Sze Kiat</i>	WW4 - Green Technology <i>Chairperson: Prof. Ir. Mohamed Haniffa Abdul Hamid</i>	EP4 - Climate Change and Challenges <i>Chairperson: Prof. Dr. Zulkifli bin Yusop</i>	WL4 - Asset Management <i>Chairperson: Mr. Stuart Hamilton</i>
1410 - 1430	Smart Water Grid - Real-time Sensor Monitoring and Predictive Analytics Capabilities <i>Mr. Raymond Ung Guan Wah</i> PUB Singapore	Advances in Membrane Technology for Wastewater Recycling <i>Prof. Ir. Dr. Abdul Wahab Mohammad</i> Universiti Kebangsaan Malaysia (UKM)	Climate and Hydrological Aspects <i>Datuk Ir. Haji Ahmad Jamalluddin Shaaban</i> National Hydraulic Research Institute of Malaysia (NAHRIM)	Improved Management of Water Infrastructure Assets <i>Mr. Ben Fergusan</i> Echologics Engineering Inc.
1430 - 1450	Latest Technologies in Drinking Water <i>Mr. Philip Page</i> Statiflo International Limited	Utilization of Wastewater Treatment Plant - Waste for Electricity Generation <i>Prof. Dr. Mashitah Mat Don</i> Universiti Sains Malaysia (USM)	Protecting the Water Supply System against Climate Change <i>Mr. Mohd Zin Othman</i> SAJ Holdings Sdn Bhd	Why Replace Existing Pipelines when they can be Rehabilitated using Polyethylene Pipes and Liners? <i>Mr. Andrew Wedgner</i> Borouge Pte. Ltd
1450 - 1510	Some New Technologies in Recent Drinking Water Treatment <i>Dr. Addie Wong Wai Meng</i> Taliworks Corporation Berhad	Nutrient Removal from Wastewater in Tropical Climate <i>Assoc. Prof. Dr. Adeline Chua Seak May</i> Universiti Malaya (UM)	Changes in Climate and the Impact on the Water and Wastewater Operations <i>Mr Ling Leong Kwok</i> Meteorological Department Malaysia	The Effect of Pressure Management of the Lifespan of Pipeline Assets <i>Mr. Gary Wyeth</i> Singer Valve Inc.
1510 - 1530	Off River Storage (ORS): An Alternative for Urban River Raw Water Source. Sg Labu WTP Experience <i>Mr. Abdul Karim Endut</i> Konsortium Air Selangor Bhd	Electroosmotic Dewatering: An Efficient Method of Sludge Management <i>Assoc. Prof. Dr. Mohammed Saedi Jami</i> International Islamic University Malaysia (IIUM)	Meeting the Water Demands for Drought Stricken Area: A Case Study for Bintulu, Sarawak <i>Prof. Dr. Lau Seng</i> Universiti Malaysia Sarawak (UNIMAS)	Pipe Rehabilitation using Slip Lining Method <i>Mr. Muhammad Redha</i> Ranhill Water Services Sdn Bhd
1530 - 1550	Q&A Session			
1550 - 1650	BOOTH VIEWING AND COFFEE BREAK <i>Venue : Exhibition Hall 4, Ground floor</i>			

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NRW WORKSHOP PROGRAMME

DAY 3 | 24TH APRIL 2015, FRIDAY

Day/Time	DAY 3 Friday, 24 th April 2015
0800 - 0900	REGISTRATION
0900 - 0915	Introduction <i>Stuart Hamilton</i>
0915 - 1000	Problem We Have Today in Repair or Replace Dilemma <i>Stuart Hamilton, JD7</i>
1000 - 1030	Feedback and Discussion about What is the Situation Currently Experienced with the Audience
1030 - 1100	NETWORKING REFRESHMENT BREAK
1100 - 1145	Condition Assessment Technology How your Current Situation can be Measured When are you going to Expect Failure Case Studies <i>Koen Kinsbergen & Paolo Sitaca, Pure Technology</i>
1145 - 1230	Rehabilitation of Deteriorated Pressure Pipes – Solutions The Pros and Cons of Various Types of Lining Method Segmental Lining, CIPP Lining and Fold & Form Case Studies <i>Sean Lim, Sekisui Asia</i>
1230 - 1430	NETWORKING LUNCH
1430 - 1500	Condition Assessment Technology What is ePulse, How does it Work and How is it Deployed in the Field Basic Principles of Sound Propagation and Material Properties How does Velocity Related to Pipe Wall Thickness What does Minimum Average Thickness Mean and Why is it Relevant <i>Ben Ferguson, Echologics</i>
1500 - 1530	How Asset Management is looked at in the USA The Confidence to Act, the Ability to Defer: How Technology Helped a Water Utility Save \$20M <i>Ben Ferguson, Echologics</i>
1530 - 1615	MRI Scanning of a Pipeline for Actual Condition Assessment How to Understand your Pipeline with Detailed Scanning <i>Stuart Hamilton, JD7</i>
1615 - 1645	Discussion of the Day Roundup and Closure
1645 - 1700	Refreshment / End of Workshop