

DAY 1: WEDNESDAY 23 APRIL 2014

08.30 Registration

09.00 Welcome
Sonja Ruetzel, Event Director,
Aid & International Development Forum (AIDF)

09.05 **Keynote: Green Growth and Sustainable Water and Energy Development**
Datuk Loo Took Gee, Secretary-General,
Ministry of Energy, Green Technology & Water, Malaysia

SUSTAINABLE WATER RESOURCES MANAGEMENT

09.15 **Panel: Trends and Innovations in Water Resources Management**

- Measuring water security in Asia: 5 dimensions
- Managing water supply and demand in Asia-Pacific
- Evaluate water resources management projects and water efficiency plans
- Water security programs and technologies to combat climate change
- Predict future trends and propose appropriate sustainable solutions

Moderator: Dr. Salmah Zakaria, Economic Affairs Officer, UNESCAP

Speakers:

Widiatmini Sih Winanti, Secretary of Technology Transfer Working Group,

National Council on Climate Change, Indonesia

Heather D'Agnes, Water and Sanitation Program Manager, USAID

Dr. Salmah Zakaria, Economic Affairs Officer, UNESCAP

10.00 **National Water Resources Policy: Ensuring Water Security in Malaysia**

Dato' Ir. Hj. Hanapi Mohamad Noor, Director,
Division of Water Resources Management and Hydrology,
Department of Irrigation and Drainage, Malaysia

10.20 Refreshment break

10.50 **Panel: Efficient Water Use in Agriculture**

- Changes in agricultural use of water: drought, flooding & general decreasing water supply
- Improving water use efficiency, sustaining irrigated agriculture from different sources:
 - Problems facing ground water irrigation in Asia
 - Challenges and solutions of surface water irrigation systems
 - Raising awareness for sustainable water management practices

Moderator: Ole Larsen, Centre Director, DHI-NTU Research Centre and Education Hub

Speakers:

Ravi Karamcheti, Managing Director, Solar Water Pump Business –
Asia Pacific, GCC and South Africa, SunEdison

Dr. Stanley Weeraratna, Vice-Chairman, National Community Water Trust,

Ministry of Water Supply and Drainage, Sri Lanka

Prof. Partha Sarathi Datta, Independent Consultant on Water & Environment

11.30

Panel: Sustainable Urban Water Management

- Improving water supply in Asian cities
- Awareness programs on sustainable water management
- Extracting ground water and recycling systems
- Increasing water conservation and storage capacities to meet growing demand
- Considerations in urban planning

*Moderator: Dr. Salmah Zakaria, Economic Affairs Officer, **UNESCAP***

Speakers:

*Shahbaz Khan, Deputy Director, **UNESCO, Indonesia***

Kulwant Singh, Regional Advisor,

UN-HABITAT - United Nations Human Settlements Program

*Dr. Andreas Hauser, Director of Water Services, **TÜV SÜD Asia Pacific Pte Ltd.***

12.10

Panel: Challenges and Solutions to Achieving Optimum NRW Levels

- Addressing losses in storage and distribution (pipe leak detection)
- Controlling and reducing non revenue water (NRW)
- Effective water infrastructure asset management

*Moderator: Ahmad Zahdi, CEO, **Ranhill Utilities***

Speakers:

*Dr. Rachel Beja, General Manager, **Cagayan de Oro City Water District***

*Mark Nicol, Business Development Manager, Asia Pacific, **Echologics LLC***

*Mark Loveday, Manager, European Region, **Echologics LLC***

13.00

Networking lunch

Delegates are invited to participate in topic-specific networking discussions during lunch on:

- Managing Water Loss
- Agricultural irrigation systems
- Disaster relief and emergency water management
- Financing of water projects
- Water-related disaster relief
- Procurement and supply chain management
- Ministerial round table

Please register your interest at the AIDF desk.

SANITATION & WASTE WATER MANAGEMENT

14.00

Panel: Ensuring Access to Safe Drinking Water and Sanitation

- Discussing water quality and safety
- Developing water safety plans and fighting water-borne diseases
- 11th Hour to Sanitation MDG
- Market based solutions for sanitation: water treatment and service

Moderator: Martin Walter Keitsch, Head of Product and Brand Management,

Kärcher Futuretech GmbH

Speakers:

*Jack Sim, CEO, **World Toilet Organization***

*Imad Najeeb, Lead Process Engineer, **Pak Oasis Industries***

*Terrence Thompson, Senior Environment Health Advisor, **World Health Organization (WHO)***

14.40

Panel: Sanitation, Hygiene and Waste Water Management

- Household and portable sanitation solutions and services
- Best practices for improving hygiene awareness and education
- Wastewater management in rural areas
- Sustainable and safe solutions for disposal of waste water
- Onsite waste water treatment and resource recovery

Moderator: Sreenivas Narayanan, Group Managing Director,

Asia Society for Social Improvement & Sustainable Transformation (ASSIST)

Speakers:

*Pairoj Sattayasansakul, Director General, **Wastewater Management Authority, Thailand***

*Amnat Barlee, Director of Relief & Community Health, **Thai Red Cross***

Dr. Maria Cleofas Maceda, Head Environmental Compliance &

*Corporate Central Laboratory, **Robinsons Land Corporation***

*Heather D'Agnes, Water and Sanitation Program Manager, **USAID***

15.30

Refreshment break

PARTNERSHIPS

16.00

Panel: Building Public Private Partnerships

- Bringing together the skills and expertise of the private sector and development bodies in a synergy with both social and economic benefits
- How to inspire new PPPs to overcome water security challenges in Asia?
- How can companies support local development efforts

Moderator: Trevor Davies, Global Head,

*International Development Assistance Services, Center of Excellence, **KPMG***

Speakers:

*Michael Pritchard, Founder & Inventor, **LIFESAVER systems ltd.***

*Ellen May Zanoria-Reynes, Business Development Manager, **The Gold Standard Foundation***

*Dr. Doan Doan Tuan, Director, **Vietnam Center for Participated Irrigation Management***

Stefan Germann, Director Partnerships, Innovation & Accountability,

*Global Health & WASH team, **World Vision***

16.45

Pitch Tank

This pitch tank session provides companies with the opportunity to pitch their product innovations to a panel of procurement professionals and an audience of NGOs, industry peers and government agencies.

Panel: Allan Deacon, Procurement Transformation Consultant and Coach,

Chartered Institute of Purchasing and Supply (CIPS)

*Cindy Lam, Senior Purchasing Manager, **Philips Electronics, Hong Kong Ltd.***

Speakers:

*Mark Nicol, Business Development Manager, Asia Pacific, **Echologics LLC***

*Mark Loveday, Manager, European Region, **Echologics LLC***

*Ravi Karamcheti, Managing Director, Solar Water Pump Business – Asia Pacific, GCC and South Africa, **SunEdison***

*Swarup Mavanoor, Senior Manager, Product Marketing, **SunEdison***

*Syed Muhammed Faisal Hashmi, Senior Mechanical Engineer, **Pak Oasis Industries***

17.30

Drinks reception

Delegates are invited to the networking area next door to participate in our drinks reception.

DAY 2: THURSDAY 24 APRIL 2014

- 08:30 Registration
- 09:00 Welcome
Sonja Ruetzel, Event Director,
Aid & International Development Forum (AIDF)
- 09:05 **Keynote Address**
H.E. G Palanivel,
Minister of Natural Resources and Environment, Malaysia
- 09:20 **Panel: Water Governance and Pathways for Collaboration**
- Clarifying responsibilities of government, civil society and the private sector
 - Learn from water-related collaborations and partnerships
 - Empowering water projects with supporting legislative and policy instruments
 - Transboundary water security issues: The role of international law
- Moderator: Dr. Patricia Wouters, Professor,*
Xianen Law School - China International Water Law
- Speakers:*
Dr. Doan Doan Tuan, Director, Vietnam Center for Participated Irrigation Management
Dr. Iswer Raj Onta, Regional Chair, GWP South Asia
Phiraphan Phalusuk, Minister of Science and Technology, Thailand
Dr. Patricia Wouters, Professor, Xianen Law School - China International Water Law
- ### WATER SUPPLY FOR RURAL & VULNERABLE PEOPLE
- 10:00 **Water Security in Rural Malaysia and South East Asia**
Michael Pritchard, Founder & Inventor, LIFESAVER systems ltd.
- 10:20 Refreshment break
- 10:50 **Panel: Challenging Water Supply in Rural and Decentralized Infrastructures**
- Groundwater in a changing environment: growing urbanization and climate change
 - Managing rural ecosystems for water quality and quantity
 - Identifying the most vulnerable groups and strengthening community resilience
 - Discover new models for more sustainable infrastructure design and community benefits
 - Providing water education and knowledge exchange to support institutional challenges
 - Case Study: The Water Shop Concept in the Philippines
- Moderator: Lars Willi, CEO, Trunz Water Systems AG*
- Speakers:*
Herman Idrus, Head of Research and Development Bureau,
Jasa Tirta II Public Cooperation
Shahbaz Khan, Deputy Director, UNESCO, Indonesia
Prof. Partha Sarathi Datta, Independent Consultant on Water & Environment
Lars Willi, CEO, Trunz Water Systems AG

11.30

Panel: Water Security in Arid and Volatile Regions

- Protection of groundwater resources
- Rainwater harvesting: localized and integrated capture, use, treatment and reuse of water
- Fostering community-based initiatives and regional partnerships
- Ensuring access to open water bodies and developing community based sustainable water point management system

*Moderator: Lars Willi, CEO, **Trunz Water Systems AG***

Speakers:

*Kea Pheng, Executive Director, **RainWater Cambodia (RWC)***

*Shamim Arfeen, Executive Director, **AOSED***

*Dr. Ashutosh Mohanty, Technical Adviser, **CEED Asia***

12.20

Networking lunch

Delegates are invited to participate in topic-specific networking discussions during lunch on:

- Urban water management
 - Rural irrigation systems
 - Emergency water management: field meets engineering
 - Water-related disaster relief
 - Procurement and supply chain management
 - Sustainable water management in the Greater Mekong sub-region
- Please register your interest at the AIDF desk.

EMERGENCY WATER MANAGEMENT

13.30

Water-Related Disasters

- Building resilience and disaster response capacity
- Flood management & disaster risk reduction

*Shane Wright, Executive Director, **Asian Disaster Preparedness Centre***

13.50

Panel: Water Supply for Displaced People

- Ensuring clean water for emergency situations
- Survival vs. national legislations: different definitions for clean water
- Challenges of beneficiaries to accept purified water
- Who is responsible for the quality of produced water in emergency situations?
- Are there technological minimum standards? What should they look like?
- How can the operator ensure safe use of the machinery on site?

Moderator: Sreenivas Narayanan, Group Managing Director,

Asia Society for Social Improvement & Sustainable Transformation (ASSIST)

Speakers:

Martin Walter Keitsch, Head of Product and Brand Management,

Kärcher Futuretech GmbH

Christopher Hoffman, Regional Emergency and Post Crisis Officer,

International Organization for Migration (IOM)

Jay Matta, Water and Sanitation Coordinator,

International Federation of Red Cross and Red Crescent Societies

Stefan Germann, Director Partnerships, Innovation & Accountability,

*Global Health & WASH team, **World Vision***

- 15.00 Refreshment break
- 15.30 **Pitch Tank: Selecting the Right Treatment Technology and Solution**
Identifying the right technological solution based on operational needs, costs, safety and ecological values.
Panel: Allan Deacon, Procurement Transformation Consultant and Coach, Chartered Institute of Purchasing and Supply (CIPS)
Cindy Lam, Senior Purchasing Manager, Philips Electronics, Hong Kong Ltd.
Speakers:
Martin Walter Keitsch, Head of Product and Brand Management, Kärcher Futuretech GmbH
Lars Willi, CEO, Trunz Water Systems AG
- WATER FINANCING & INVESTMENT OPPORTUNITIES**
- 16.00 **New and Innovative Financial Mechanisms**
- Investment opportunities in sustainable water management
- New forms of water allocation and distribution: independence of market solutions and increased water supply - at household level
- Water sharing and collective investments
- Water pricing models
Moderator: Allan Deacon, Procurement Transformation Consultant and Coach, Chartered Institute of Purchasing and Supply (CIPS)
Speakers:
Ellen May Zanoria-Reynes, Business Development Manager, The Gold Standard Foundation
- 16.30 **Closing Keynote Address**
H.E. Paveena Hongsakul, Minister of Social Development and Human Security, Thailand
- 16.45 Closing remarks and end of summit.