



AMSTERDAM
INTERNATIONAL
WATER WEEK



AIWW LEADERSHIP PROGRAMME

INDUSTRY LEADERS FORUM | TUESDAY, 31 OCTOBER 2017

Water management has entered a **new era** of complex and unpredictable risks, **challenges** and opportunities. With a growing world population, **climate change** and encroaching **demographic changes**, global leaders need to address multiple issues to secure a **sustainable water future**

INTRODUCTION

The AIWW Leadership Programme is about translating shared knowledge into action. Leaders from cities, industries and utilities will bring their water cases and solutions to the table. These are real water issues which will be matched with relevant stakeholders and experts. With our Mix, Meet and Match concept – defining the case, bringing together the high level community, looking for opportunities to implement, and scale up – we aim to achieve real breakthroughs. Outcomes of all discussions are action oriented and aimed at building partnerships.

And to bring it a step further, the global water leaders will not only discuss what the challenges are, but also their interlinkages with climate and thus with energy, food, urbanization and globalization.

BE PART OF THE BREAKTHROUGH

AIWW will facilitate next steps to make the Leaders Forum ideas a reality. The Leaders Forum creates an inspiring environment inviting global water leaders to make action orientated commitments that contribute to a circular and resilient water environment in high-density living area. Creating a long-term vision and building upon the results of the AIWW 2015 Leaders Forum.

The plenary keynotes and the integrated Leaders Forum are accessible for all conference attendees. The Leaders Forum discussions are by invitation only, with limited access for a number of selected delegates who are interested in joining the forum. The breaks and the AIWW Leaders dinner allow ample time to network with leaders from different sectors and parts of the world.

LEADERSHIP PROGRAMME

09:00 – 10:30	Keynote Conference
11:00 – 12:30	Three Plenary Sessions: City/Utility/Industry
14:00 – 15:30	Three parallel round table session: City/Utility/Industry Discussions*
16:00 – 17:30	Plenary Integrated Leaders Forum
17:30 – 18:15	Signing Amsterdam Agreements
18:00 – 20:00	Exhibitor Happy Hour
19:30 – 22:30	AIWW Leaders dinner at Amsterdam Tower**

* by invitation only with limited access for a number of selected delegates

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PROGRAMME

INDUSTRY LEADERS FORUM 2017



This year's Industrial Leaders Forum will be hosting a series of keynotes and round table discussions where cross sector professionals and disciplines from finance, consultancy, technology providers, utilities, NGO's and the industrial sector will forward a new perspective on sustainable use of water and environment for now and in the future.

The ILF chairman will first summarize the outcomes from former ILF's in 2011, 2013 and 2015. This will then be followed by keynotes that will highlight 'Water Value Chain Strategy and Decision Making Processes in Water Service Investments'.

The input received from the keynote speakers will set the stage for discussion and enable delegations to have active and strategic involvement in the round table sessions. This year's Industrial Leaders Forum at the Amsterdam International Water Week contains nine sector pitches followed by their own strategic round table discussions.

The topics of the round table sessions will be introduced by table moderators. There will be 2 rounds of round table discussions, each taking 50 minutes. This will enable the invitees to attend two sessions within this ILF program. There will be nine round tables in total, where each table will discuss a pre-selected topic influencing this specific sector approach to water related issues and strategy. In the role as an indus-

trial expert, the delegation can contribute to this upcoming important issue and to reach the new sustainable development goals. Output of each session:

- Definition of the next steps for the presented case.
- Desired achievements before the next Amsterdam International Water Week in 2019.
- Conclusions of the day, important lessons for the Plenary Integrated Leaders Forum.

The combination of various existing networks and the variety of stakeholders from the industrial sector at AIWW provided the possibility to focus on existing cases and best practices with emphasis on sharing experiences and approaches. The results of the AIWW Conference in general and the specifics of the roundtables will be directly connected to other upcoming existing events globally, thus ensuring continuity and ongoing progress.

PROGRAMME

INDUSTRY LEADERS FORUM 2017

11.00 – 12.30 HRS | PLENARY SESSION INDUSTRY

→ (OPEN TO ALL CONFERENCE DELEGATES)

→ RAI, ROOM D203/D204

- 11.00 - 11.05 Kick Off **Menno M. Holterman**, chairman Industrial Leaders Forum
- 11.05 - 11.15 Keynote **Laurent Babikian** - CDP Director Investor Engagement – Industry, Investments and Decision Making Processes.
- 11.15 - 11.25 Keynote **Hans-Ulrich Buchholz** - Environmental Compliance L'Oreal & CDP Industry Category A Winner– Water Value Chain Strategy
- 11.25 - 11.35 Keynote **Lydia Whyatt**, Managing Director Resonance Asset Management Ltd. - Finance on Scaling Water Management
- 11.35 - 12.30 Five minute sector and case pitches by all roundtable moderators. There will be a short Q&A at the end of this session with the audience

12.30 - 14.00 HRS | LUNCH

→ RAI, ELICIUM BALLROOM 1

14.00 – 15.30 HRS | ROUND TABLE DISCUSSIONS INDUSTRY

→ (CLOSED SESSION, ON INVITATION ONLY)

→ RAI, ROOM D203/D204

- Moderators per sector
- Moderator Agriculture: **Annemieke Beekmans**, Executive Director, Aidenvironment
 - Moderator Chemicals: **Martijn Kruisweg**, Manager Commercial Excellence and Sustainability Management, AkzoNobel
 - Moderator Pharmaceutical/Health: **Frank Goossensen**, Director Water Europe, Arcadis
 - Moderator Paper & Pulp: **Matti Korhonen**, Energy & Material Efficiency Manager, Metsä Board
 - Moderator Petro Chemicals: **Jan Robert Huisman**, Executive Director Evides Industry Water
 - Moderator Finance: **Ambika Jindal**, Vice President Sustainable Finance, ING Wholesale Banking
 - Moderator Mining: **Hayley Zipp**, Director Environment and Climate Change, International Council on Mining and Metals (ICMM) (tbc)
 - Moderator Textile: **Mohandas Seneviratne**, Global Thematic Lead Water, IFC
 - Moderator Food & Beverage: **Prof. dr.ir. Arjen Y. Hoekstra**, co-Founder Water Footprint Network and Water Footprint Implementation

15:30 - 16:00 HRS | COFFEE BREAK

→ RAI, ELICIUM BALLROOM 2

16:00 – 17:30 HRS | PLENARY INTEGRATED LEADERS FORUM

→ (OPEN TO ALL DELEGATES)

→ RAI, ELICIUM BALLROOM 1

17:30 - 18:15 HRS | SIGNING OF AMSTERDAM AGREEMENTS

→ (OPEN TO ALL DELEGATES)

→ RAI, HOLLAND PAVILION AQUATECH, BOOTH 07.430

18.00 – 20.00 UUR | EXHIBITOR HAPPY HOUR

→ (OPEN TO ALL DELEGATES)

→ RAI, EUROPA FOYER

19:30 – 22:30 HRS | AIWW LEADERS DINNER

→ (ON INVITATION ONLY)

→ AMSTERDAM TOWER

ROUNDTABLES AND THEMES

The Round table discussions are setup around the AIWW Conference theme 'Water.. and 9 Billion People: Creating a Circular and Resilient water environment in high density living areas'. Leaders are rethinking their institutional approach to water management. The following series of roundtable themes led by Industry Leaders hosts dialogue on must changes in water system management over the next ten years to meet the water resource challenge and a new circular perspective on water management.

Each roundtable will be assisted by a reporter. The reporter will note and summarize the most important conclusion per theme. The reporter aims to conclude each roundtable theme in 5 most important key learning issues and conclusions and will report in clear bullet points to be used in the plenary final closing. These 9 roundtable session themes are:

1 AGRICULTURE: COMMODITY TRADING, VALUE AND SUSTAINABLE WATER USE

Over the next decades, there will be a considerable shift in attitude towards the definition of value of water. A new perspective on prosperity, value and growth where social, ecological and economic sustainability go hand in hand. This roundtable hosts a new perspective on water assets, water risks and progressive water management projects. It will highlight the precarious relationship between water availability, food security, sustainable water use and commodity trading of water intense crops.

Main theme: Water efficiency and value
Moderated by Annemieke Beekmans, Executive Director, Aidenvironment

2 CHEMICALS: RESOURCE RECOVERY AND REGIONAL MARKETS

Water can be turned into a major value driver in almost any industrial process and the extraction of raw materials. Water treatment has become a profit center with opportunities for reduced material use, energy savings, cost reductions and additional revenues. This roundtable will discuss the transition to a circular economy and sustainable production in partnership with multiple sectors in surrounding areas of industry plants. Aggregation of local organic waste water flows will create vibrant local and regional markets.

Main theme: Water efficiency and value
Moderated by Martijn Kruisweg, Manager Commercial Excellence and Sustainability Management, AkzoNobel

3 PHARMACEUTICAL/HEALTH: WATER QUALITY & REGULATION

In some industries the main water risk is exposure to regulatory factors. A top driver while regulatory issues do impact bottom line results. Revised effluent limitation guidelines or environmental permits set by authorities will impose a significant risk and impact financial results by forced compliance. This roundtable will discuss cases and solutions on performed scenario analysis of regulatory and tariff changes, allowing the short- and long-term impact of potential water regulations and tariffs to be forecasted with sufficient transparency and compliance.

Main theme: Institutional transition and governance
Moderated by Frank Goossensen, Director Water Europe, Arcadis

4 PAPER & PULP: RESOURCE RECOVERY FROM THE WATER CYCLE

Pulp and paper manufacturing is an intense fresh surface water resources consumer. The paper and pulp Industry however has shown impressive results in improved water management practices with savings in both costs, footprint and emissions. By improving water use intensity and maximizing water reuse this sector has shown highly reduced energy consumption, emissions and water use. This roundtable will focus dialogue on the water and energy nexus and discuss next steps of achievement by innovative implementations.

Main theme: Innovative water system implementations
Moderated by Matti Korhonen, Energy & Material Efficiency Manager, Metsä Board

5 **PETRO CHEMICALS: ASSET MANAGEMENT IN FRACKING PRODUCTION**

The petro chemical industry is set for further rapid global expansion with fracking production and so the demand on fresh water supplies. Centralised treatment of wastewater is a viable solution and the demand for recycling is high. Wellheads providing shale oil and gas production are long-term processes, typically exceeding 20-year terms. This roundtable will focus on long term integrated solutions in fracking disposal limitations, wastewater treatment, deep-well injection and integrated infrastructure for water management in shale oil and gas production.

Main theme: Water efficiency and value
Moderated by Jan Robert Huisman, Executive Director, Evides Industry Water

6 **FINANCE: THE POTENTIAL OF CIRCULAR ECONOMY IN WATER**

Success in the development of a circular economy dynamic will require individuals, organizations and companies to go beyond their traditional silos and develop more partnerships and interactions. A merge on project level between water service providers and finance is on track. Still the full potential of green financing solutions (green bonds, green loans etc.) to help accelerate water ambitions, diversify your investor base and further position yourself as a water industry leader need to be explored. Unpacking the exact challenges and opportunities for investors to engage in financing the big water actors and their projects is the central issue of this roundtable.

Main theme: Water efficiency and value
Moderated by Ambika Jindal, Vice President Sustainable Finance, ING Wholesale Banking

7 **MINING: CATCHMENT BASED WATER MANAGEMENT**

Mining is a high-risk sector when it concerns water issues. The challenges exceed typical Industry issues by a broader scope, where aspects such as governance, environment and sustainability need to be integrated in solutions and policies. The mining sector need to set targets and goals to bring their own water impacts to sustainable levels that reflect the ecological, economic and social needs of the river basins in which they operate. Commitments to address water security are evolving from simple water use metrics to more strategic,

context-based objectives. This roundtable will discuss the way to reliable water infrastructure for optimum water quality, quantity, availability and distribution in mining.

Main theme: Water management and resilience
Moderated by Hayley Zipp, Director Environment and Climate Change, International Council on Mining and Metals (ICMM) (tbc)

8 **TEXTILE: WATER PARTNERSHIPS AND INSTITUTIONAL CAPACITY**

The textile industry is putting pressure on global freshwater reserves and the water quality of many important rivers and reservoirs. The sustainability of water resources is becoming a key challenge for the growth and long-term survival of the textile sector in many countries. This roundtable will continue the interesting dialogue at AIWW2015 and the lessons learned of the important partnership between apparel brands, the value chain (washing-dyeing-finishing mills) and the catalysing effect of finance for impact. A key success factor upscaling the sustainable use of water and circular economy in textile production.

Main theme: Institutional transition and governance
Moderated by Mohandas Seneviratne, Global Thematic Lead Water, IFC

9 **FOOD & BEVERAGE: WATER STEWARDSHIP STRATEGY 2.0**

Water Stewardship Strategy has entered a new era. Strategy as such needs to be integrated with Development Goals and reflect the principles of water stewardship compliance instruments and effective corporate water stewardship disclosure. This roundtable will share visions on how the next step in water stewardship can contribute to water security, economic resilience and showcases where it has made an impact. A conversation on mechanisms for further alignment, collaboration scaling up impact and quantifiable objectives to assist companies in setting context-based targets (CBTs).

Main theme: Water efficiency and value
Moderated by Christopher Briggs, Executive Director, Water Footprint Network

PLENARY INTEGRATED LEADERS FORUM

The Plenary Integrated Leaders Forum will highlight the results of the three leaders fora on resilient cities, industry and utilities and the integrated insights on these three themes. During this part of the programme the Industry Leaders Forum will address multiple issues to secure sustainable use of water and environment for now and in the future. Furthermore, in this session we will be tackling and discussing future trends, key innovations, and offering guidelines for new developments and strategies.

RESULTS ILF

Results and new directions will be discussed in the Plenary Integrated Leaders Forum on the basis of three questions:

- 1) Which technical, social and/or financial innovation or best practice will be setting the pace for the post 2017 period?
- 2) Which innovative financial mechanism will be setting the pace to scale up for the post 2017 period?
- 3) Which governance arrangement can build the enabling environment for Sustainable Development Goal achievement and Integrated solutions for a circular economy?

PROGRAMME

- 16:00 -17:30 Integrated Leaders Forum**
- Welcome and introduction - Moderator **Menno Holterman**
 - Introduction of the new YWP-ambassador 2019 **Henk Jan Top** Senior manager Water and Waste Utilities at Accenture
 - Impression of the Cities, Industry, Utilities Leaders Forum **Laurent Babikian**, Director Investor Engagement CDP, Germany
 - **Christopher Gasson**, Global Water Intelligence, United Kingdom
 - Discussion with all speakers
 - Closing by **Menno Holterman**



The AIWW leaders forum: MIX, MEET and MATCH

Creating a circular and resilient water environment in high density living areas.

1. DEFINING THE CASE: SCOPE, ISSUES

INNOVATIVE WATER SYSTEM IMPLEMENTATION

'use and re-use effectively'

WATER EFFICIENT AND VALUE

'water, the mayor value driver'

perception wheel

level of vulnerability > research + development stage
level of improvement > implementation stage
level of excellence > scaling up

INSTITUTIONAL TRANSITION AND GOVERNANCE

'working on partnerships,'

WATER MANAGEMENT AND RESILIENCE

'water, leading in developing climate adaptation'

2. MATCHING RELEVANT STAKEHOLDERS

POTENTIAL STAKEHOLDERS:

- consulting companies
- knowledge institutes
- investors
- policy/decision makers
- financial institutes
- multinationals
- start-ups

3. MEET AND EXCHANGE

Work together, implement and scale up

4. FORMING COALITIONS, ACHIEVING BREAKTHROUGHS

Platform Water, Business & City opens opportunities to exchange insights and knowledge with front running water authorities, businesses and cities. City administrations, water authorities and businesses share their ambition: to become resilient, circular and smart. Efforts in creating a more water resilient environment and business, are worth sharing.

Platform Water, Business & City uncovers recent achievements and contemporary challenges still to face. The platform will highlight knowledge and investment opportunities and will create durable partnerships. One on one meetings will make the Platform of high value to generate real opportunities for sustainable urban development and water management projects.

MORE INFORMATION: The position paper and more information is available on www.internationalwaterweek.com

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