



## CALL FOR CONTENT

# AMSTERDAM INTERNATIONAL WATER WEEK CONFERENCE

4-5 November 2019

*Implementation of Integrated Solutions by cities, industries, utilities and financiers:*

*From cases to bankable projects*

“Submit your outline for abstracts, workshops and cases or solutions before 29 March 2019”

Join the Amsterdam International Water Week: [www.amsterdamiww.com](http://www.amsterdamiww.com)



## **Implementation of Integrated Solutions by cities, industries, utilities and financiers: from cases to bankable projects.**

The world is becoming drier and wetter at the same time. Floods and extreme rainfall, water scarcity and droughts are becoming more frequent and more severe. Water is related to all major challenges facing mankind: climate change, biodiversity loss, lack of food security, conflict and war. The joined effort of water professionals from all over the world to address these urgent challenges is more important than ever before.

The fifth edition of the Amsterdam International Water Week (AIWW) will take place from 4 to 8 November, 2019. The event brings together global participants involved in solving water challenges through collaboration and bankable projects. The AIWW benefits from centuries of Dutch experience with water, 50 years of experience with the Global Water Exhibition Aquatech and the rich water history of the city of Amsterdam, not only a beautiful hosting metropolis, but a city that lives with water since its origin. The AIWW consists of the AIWW Conference, the Aquatech exhibition, the AIWW Future Water Leaders Program, AIWW field trips and side events.

### **Shaping one global water agenda**

*Implementing innovations, scaling up solutions, finding new ways of working together to create flourishing and resilient cities and agricultural communities are at the center of this new era for the water professional. The Amsterdam International Water Week (AIWW) Conference wants to support, accelerate, contribute and shape the future of the interconnected water community.*

The AIWW Conference aims to cut across topics as water and sanitation, urban resilience, city development, industrial water use, agri-food, finance for water and governance. Meanwhile the organizers – besides building bridges between sectors - emphasize the importance of a new impetus of leadership, strategy and management to change and redefine key areas for action and investment.

## What can be submitted in the call for content?

The AIWW Conference invites everyone involved in the implementation of integrated solutions by cities, industries, utilities and financiers to contribute to the programme. On four key themes proposals can be submitted in the form of an abstract, a workshop proposal, or a cases or solutions proposal. Read more about the themes on the next page.

### Abstract submission

Ideal for researchers from academia, research laboratories, or R&D departments, the abstract submission is the classic two-page research abstract to communicate innovative knowledge on a topic within the scope of the conference.

To access the abstract template and submission platform please [click here](#).

### Workshop proposal

If you would like to organize a full session that is highly interactive and output oriented and brings together a group of like-minded individuals to discuss one of the themes, please consider submitting a workshop proposal for the AIWW Conference.

To access the workshop proposal template and submission platform please [click here](#).

### Cases or Solutions proposal

#### *Case*

If you would like to propose a local water management challenge (**case**) focused on one of the themes, please submit a case proposal. A case proposal should contain information about a specific water management challenge and case owner in a specific region. It emphasizes the main challenge of the case and addresses the input that is needed to solve the case.

#### *Solution*

The AIWW Conference also provides the opportunity to match a **solution** with a case. Solutions will be used as input to solve a challenge. Questions to be answered are: what specific regional water management challenge does it solve and on which of the four conference themes does the solution focus?

To propose a case or innovative solution to one of the topics as listed on the next page, please submit a cases or solutions proposal.

To access the cases or solutions template and submission platform please [click here](#).

## Timeline

Call for content closes: 29 March 2019

Authors notified of acceptance: mid-May

Preliminary Programme: 31 May 2019

Advanced Programme: 26 July 2019

Conference: 4-5 November 2019

Publications: for more information about the procedure and to submit your contribution please visit:

[www.amsterdamiww.com](http://www.amsterdamiww.com). For more information about the call for content please contact Xander de Bruine,  
[xander.debruine@amsterdamiww.com](mailto:xander.debruine@amsterdamiww.com)

## Themes AIWW Conference 2019

The main theme of the AIWW Conference 2019 is **‘Implementation of Integrated Solutions by cities, industries, utilities and financiers: from cases to bankable projects.’** At the AIWW Conference leading innovators from municipal operators, industrial system developers, utilities and production chain designers will discuss the ambitious task to improve water system management. Together with municipal and industrial leaders and investors they will rethink the institutional approach to water system management with special attention for the two overall AIWW Conference-themes: a Circular Water Economy and Climate Change Adaptation. For the AIWW Conference 2019 these themes are defined in the following four themes:

1. Energy transition and resource recovery
2. Integrating Water and Resource management
3. ICT & Data: artificial intelligence and smart robotica
4. Blue-Green solutions for (urban) resilience

While the first theme is accelerating the Circular Water Economy, the last theme is focused on Climate Change Adaptation. The second and third theme are cross cutting themes. Below, the four AIWW Conference 2019 themes are explained in more detail.

### 1) Energy transition and resource recovery

Circular business models open the way to incorporate multiple principles for value creation. Beyond financial values, also environmental and social values are taken into account. Advanced integrated solutions to complex challenges are needed to create impact on resource recovery and energy transition for a better climate and to realize the SDG’s for a better-balanced world. This theme also focusses on how to structure projects and make them bankable?

We welcome submissions on the following topics:

- Financial models for circular solutions
- Thermal and kinetic energy and aquatic biomass solutions
- Creating value out of wastewater
- Renewing infrastructure for a circular approach

### 2) Integrating Water and Resource Management

Worsening droughts and polluted water sources call for improved planning and decision-making processes, better coordination and sustainable use of resources while minimizing conflicts among users. There is a need for increased cooperation among resource user groups to balance the economic, environmental and social needs of society. In addition there is a need for integrating water solutions in innovative ways and for a common understanding and appreciation of benefits in local catchments, cities and/or industrial zones.

Challenges of emerging concern are contaminants, recreation related to urban water and a growing need for food production. Part of the solution can be found in the area of: a river basin approach, open data, improved collaboration with local (public and private) stakeholders and alignment with local public policy objectives.

We welcome submissions on the following topics:

- Financing models for Integrating Water and Resource Management
- Resource recovery and local markets
- Pollution pressure and smart water allocation
- River basin approach and nature based solutions

### **3) ICT & Data: artificial intelligence and smart robotica**

New ICT & Data solutions can be a game changer in water management and offer huge opportunities to combine data with artificial intelligence and smart robotica. Digital solutions are the key drivers for innovation in the water sector to cope with challenges like creation of new services, need for new competences and management tools.

We welcome submissions on the following topics:

- Data management and co-creation
- Smart operations and asset management
- Artificial intelligence: new services & efficiency
- Cyber security: how to keep our infrastructure secure?

### **4) Blue-Green solutions for (urban) resilience**

Growing challenges of climate change ask for continued collaboration to build more resilient communities. Innovative solutions can be found in the area of: (i) next generation green flood inundation maps; (ii) resilient critical (green) infrastructures & aligning (urban) objectives; (iii) protecting existing infrastructure and other capital and social assets by building resilient and blue-green solutions to extreme weather events and increased variability.

We welcome submissions on the following topics:

- Financing models for blue-green solutions
- Inclusive city master plan: design, build, reuse, finance
- Building more resilient communities
- Resilient critical infrastructure

### **From cases to bankable projects – cross cutting topics:**

A key and crosscutting theme for the AIWW Conference 2019 is bankability. We need to unpack the exact

challenges and opportunities for investors and financiers interested in financing the big water actors and their projects. **There will be special attention for:** project development; the distinction between different types of project finance; best practices in financing blue-green and/or circular solutions and technical innovation; risk management and monitoring and valuing water using the natural capital concept. Last but not least, the AIWW Conference 2019 will be **facilitating case-based matchmaking between the water sector and finance sector.**

## Intended results AIWW Conference 2019

The AIWW Conference 2019 has the objective to contribute to global solutions. We aim for the following concrete results:

- *Amsterdam Agreements*: At the AIWW Conference 2017 Amsterdam Agreements were signed by leading companies, institutes and authorities to jointly collaborate on challenging issues on the global water agenda. At the AIWW Conference 2019 their progress will be reviewed and the number of Agreements expanded.
- *Best practices*: The AIWW Conference 2019 will showcase best practice solutions and cases for viable investment to connect water resources, drinking water supply and waste water treatment in one infrastructure model.
- *Financial solutions for scale up*: The AIWW Conference 2019 will continue to provide a platform for the finance and water sector to meet and showcase innovative new financial constructions to scale up and meet water related investment needs, now and in the future.
- *Cases and solutions*: The AIWW Conference 2019 will bring together multiple real-life cases and match them with best practice solutions.