

WATER, ECOSYSTEMS AND HUMAN DEVELOPMENT

Veolia@World Water Week

26-31 August 2018



About World Water Week

World Water Week is the annual focal point for discussing global water and development issues. The Forum, scheduled for 26 to 31 August 2018, is organized by the Stockholm International Water Institute (SIWI). It will bring together more than 3,000 representatives from governments, private sector, multilateral organizations, civil society and academia to shape joint solutions to global water challenges of today. This year, World Water Week will address the theme: “Water, ecosystems and human development”.

Veolia@WWW2018

For the third year, Veolia will support Stockholm World Water Week as an official Contributor. Accompanied by some of its partners, Veolia will take part in the discussions and seminars, sharing its own experience and offering solutions to achieve the Sustainable Development Goals (SDGs).





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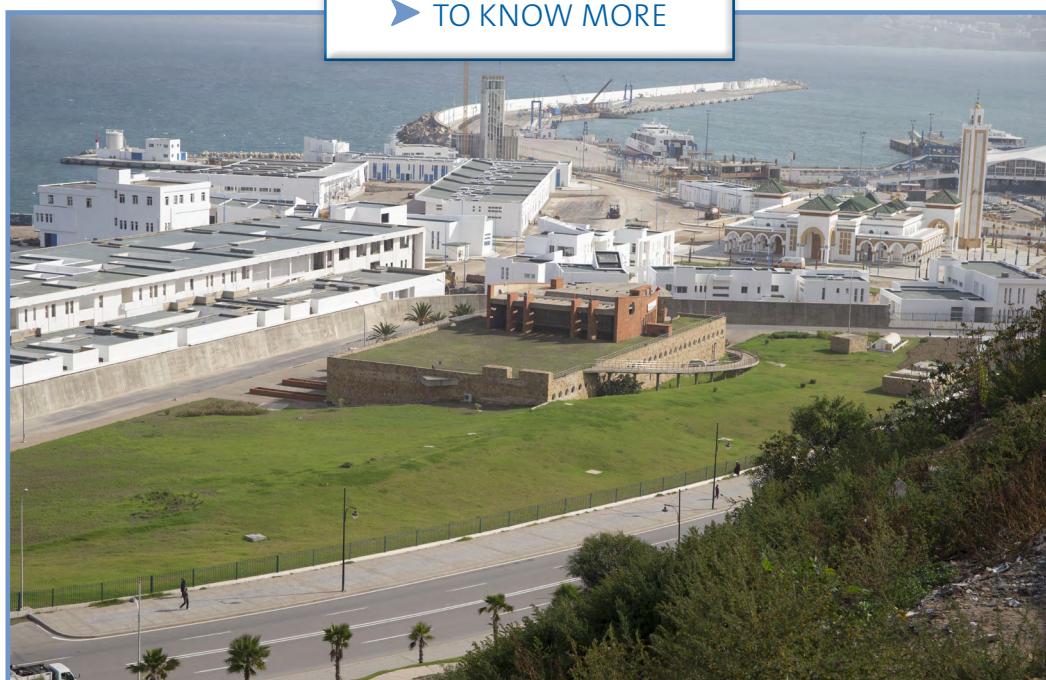
INTEGRATING WATER AND ENERGY BILLS TO CONSTRUCT THE WASTEWATER INFRASTRUCTURE

Sunday 26, 2:00 pm - 3:30 pm

OFFICIAL SEMINAR

Wastewater treatment in Tangier is a paramount objective for environmental protection and tourism reasons. With only half of sanitation needs covered by the rate payers, **Tangier's authorities** had to develop a specific tariff scheme to cover the remaining costs. This involved integrating water and energy rates as part of a self-financing model.

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Bruno Tisserand

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PHARMACEUTICALS: SCIENTIFIC DEVELOPMENTS AND COST-EFFECTIVE POLICY RESPONSES

Sunday 26, 4:00 pm - 5:30 pm

OFFICIAL SEMINAR

According to the [Global Water Research Coalition](#), addressing the fate of pharmaceuticals in the water cycle entails an update of the «retention at source» principle». Some end-of-the-pipe treatments may ultimately be necessary, but in the short-term we need to review the impacts, their origins and the possible solutions.

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Martine Vullierme

Senior Vice President in
charge of operations
(Africa Middle East)

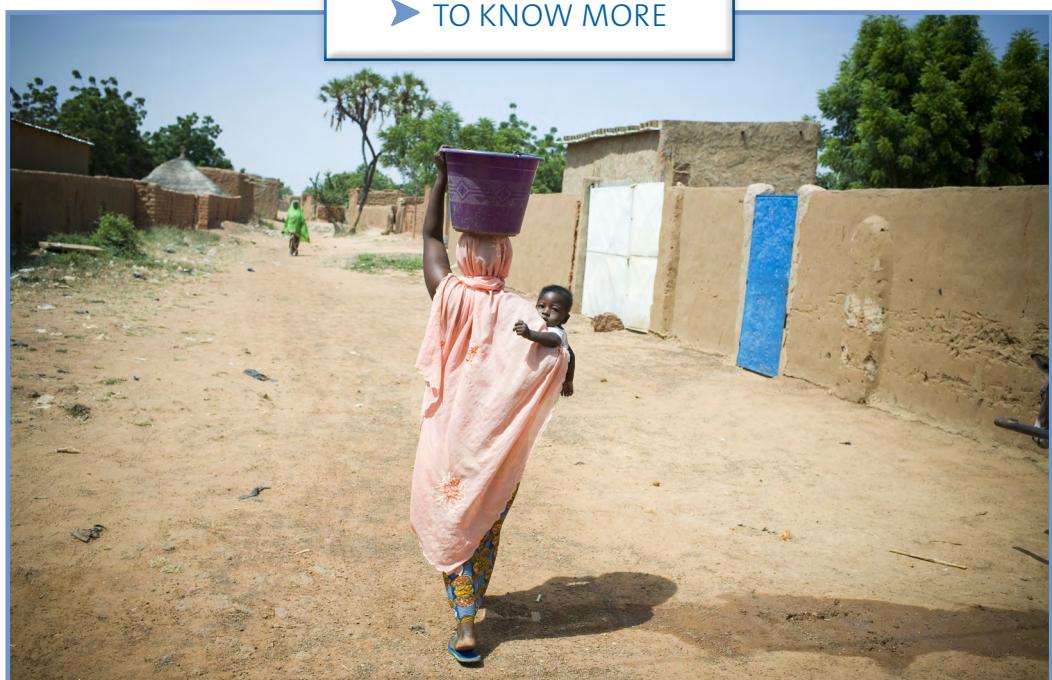
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LEVERAGING PAY-AS-YOU-GO AND NEW TECHNOLOGIES FOR UNIVERSAL ACCESSIBLE WATER ACCESS

Sunday 26, 5:00 pm - 5:30 pm
SOFA

Creating new economic incentives for private and public water sector players is key to solving service inequalities. Veolia and **CityTaps** will highlight a partnership model involving breakthrough Pay-As-You-Go rate system and smart water access technology to demonstrate its effectiveness in transforming access to on-premises water.

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Thierry Roques

General Manager
(France, Eau du Grand Lyon)

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UTILITY BUSINESS CASE FOR INVESTING IN WATERSHED

**Tuesday 28 - 2:00 pm - 3:30 pm
SHOWCASE**

The **Nature Conservancy's** mission is to conserve the lands and waters on which all life depends. How can utilities support this goal by providing services while supporting ecosystem sustainability is a key question. The **Metropole du Grand Lyon** has a striking experience to share, showing how biodiversity enhancement and water supply management are possible at the heart of the urban environment.

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Eric Lesueur

Senior Vice-President at
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UTILITY BUSINESS CASE FOR INVESTING IN WATERSHED

**Tuesday 28 - 2:00 pm - 3:30 pm
SHOWCASE**

Aguascalientes' water security and ecosystems resilience are threatened, as local water use largely exceeds natural ground-water recharge. To address this local water security issue, Veolia, **Danone**, **Livelihoods Fund for Family Farming (L3F)** and **The Nature Conservancy** have come together with the ambition to create a Water Fund, as a multi-stakeholder governance mechanism to address the water security and climate change problems in Aguascalientes.

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Arnaud Penverne

(China Industrial Activities)

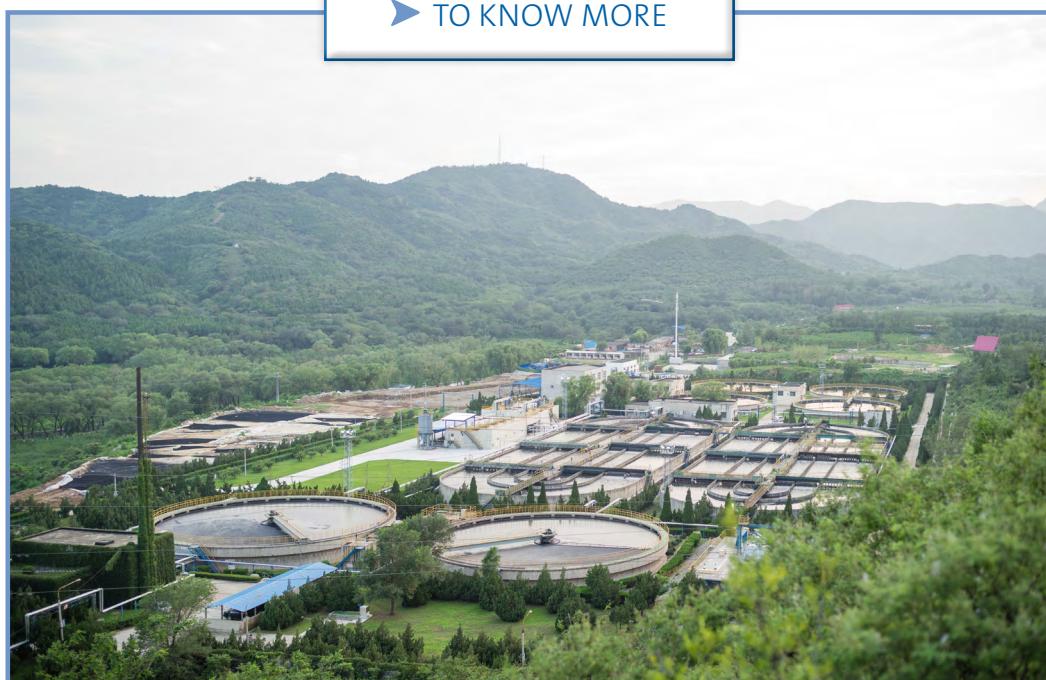
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GREY-GREEN INFRASTRUCTURE TO SERVE INDUSTRY AND NATURE

**Wednesday 29 - 11:00 am - 12:30 pm
OFFICIAL SEMINAR**

Beijing Yansan Petrochemical Company (BYPC) processes 10 million tons of crude oil into 494 grades of products. In order to meet Sinopec's subsidiary stringent discharge standards, new wastewater treatment units were constructed, including an ultimate polishing wetland where 1600 m³/h are treated through 9 Ha of land. This approach leverages ecosystem services in lieu of built infrastructure. In addition, this area has been converted to a public park where visitors can learn about the benefits of wetlands.

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Laurent Auguste

Senior Executive Vice President of Development, Innovation & Markets (Veolia Headquarters)

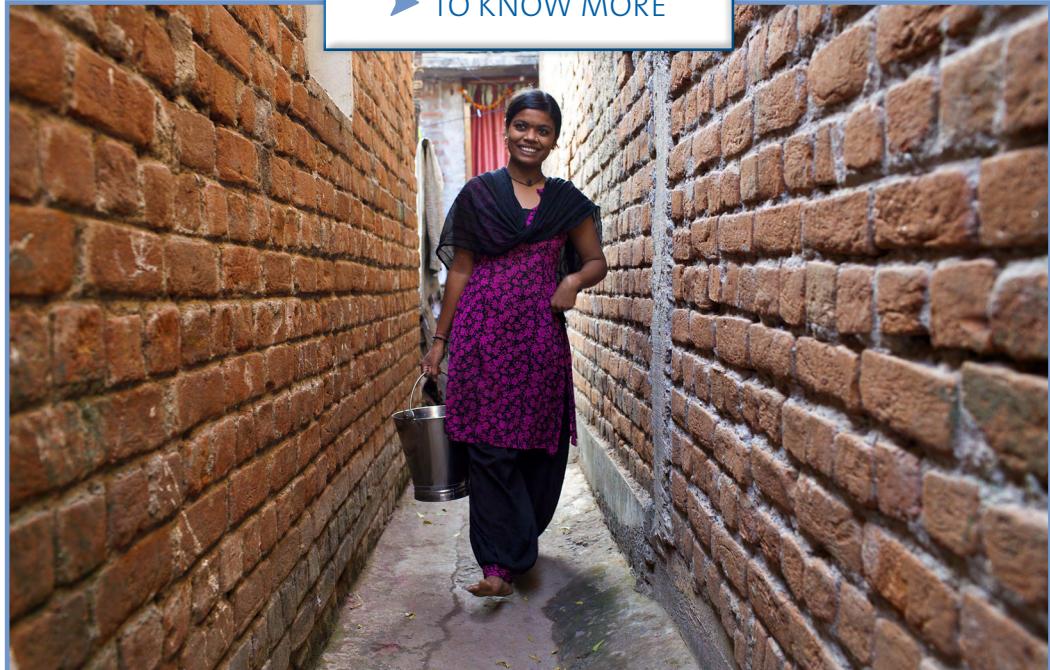
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A 'NEW GRID' APPROACH TO SANITATION & SDG6.2

Wednesday 29, 12:00 pm - 12:30 pm
SOFA

The transformation to a smart, sustainable sanitation sector is imperative to meet SDG6.2. Whereas centralized sanitation has traditionally been the norm, use of innovative decentralized sanitation business models and technologies is increasing to meet this challenge. Veolia and the [Toilet Board Coalition](#) discuss the opportunities of a 'new grid' Sanitation Economy approach.

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INCREASING INFRASTRUCTURE RESILIENCE IN NEW ORLEANS TO ENHANCE ENVIRONMENTAL PROTECTION

**Wednesday 29, 2:00 pm - 3:30 pm
OFFICIAL SEMINAR**

New Orleans has made it a priority to better understand its exposure to a broad set of future risks, transform its systems and become more resilient in regard to flooding, storm surge, and sea level rise. Resilience requires global risk management to optimize prevention costs and reduce post-event environmental, economic, and social losses, and the length of the recovery period. In light of a rigorous risk analysis of critical assets, it is clear that the ultimate solution for this region will be a combination of improved grey infrastructure and leveraged green infrastructure.

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Boris David

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WATER STEWARDSHIP BENEFIT ACCOUNTING: NEW APPROACHES AND LESSONS LEARNED

**Thursday 30 - 11:00 am - 12:30 pm
SHOWCASE**

Along with our partners Nestlé, Diageo, Danone, l'Oréal, Mars, Procter & Gamble, Novartis, Intel, the Water Resource Institute and A4WS, we are convinced that a widely recognised and scientifically sound methodology for organisations to quantify the benefits of investing in water stewardship projects, contributing to shared watershed outcomes and to SDG6 (Clean Water and Sanitation) will foster investments in projects addressing existing water challenges.

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