

**CHINA**  
**EUROPE**  
Water Platform

# China Europe Business Program 2020 Urban Water Launch Event

Co-funded by the  
European Union and P.R. China





CHINA EUROPE  
WATER PLATFORM

7<sup>th</sup> High-level Dialogue Conference

GUIMARÃES - PORTUGAL

6-9 November

# CEWP Business & Innovation Programme

Activities in 2019-2020-2021

Henrik Dissing  
CEWP Business Program Manager

CHINA  
EUROPE  
Water Platform



# CEWP – China Water Platform

Launched @World Water Forum in Marseilles in 2012



Figure 1 Expert exchange between EU, Danish and DRC experts



Figure 2 DRC President Yang Derui hands over China Water Development Report to GEUS Deputy Director Bjørn Kaare Jensen



Figure 3 Workshop at China Hall of Science and Technology



Figure 4 CEO Lars Schrøder, Aarhus Water, Denmark



# What will we achieve with the CEWP Business & Innovation Program?

## Objective:

*To contribute to a functioning of the water technology market in China, which brings the right solutions to the right challenges, by showcasing state-of-the-art solutions, addressing main challenges and putting light on market barriers.*

The main Challenges during next coming decade: Water Scarcity, Increasing focus on Resources Efficiency, Climate Change, Digital Transformation, Improving Water Quality and Reducing Pollution

The Business and Innovation Program will primarily focus on the need for new solutions due to the current and future problems facing the water sector, as well as the capabilities of new technologies, which can address these problems.



# Priority Market themes

- 2019 Industrial Water Use (Food, Non-food sectors)
- 2020 Urban Water (Sponge Cities and Urban Water Infrastructure/WWTPs)
- 2021 Rural Water (Water Supply and Sanitation for Villages/Towns)



# Industrial Water Use (2019) – Both Food and Non-food Industry

- Clean (sources) of water production, treatment, distribution and saving systems in specific food and non-food industries
- Water reuse, recycle and recovery systems in specific industries
- Wastewater collection, treatment and disposal in specific industries
- Water Use and WWTPs, Industrial Parks

Remaining events:

11.11. @EUPIC TWIN FAIR EXPO in Chengdu

12.11. @EUCCC in Beijing on Market Barriers

15.11. @EUPIC TWIN FAIR EXPO in Qingdao



## **Urban Water / Sponge Cities (2020)**

- Sponge Cities – Decentralised treatments and integrated urban catchment / green infrastructure
- Climate Change Adaptation, Urban Development
- Urban Flood Management
- Wastewater Treatment and Water Reuse Solutions related to a Sponge City Context

## **Wastewater Treatment (2020)**

- Advanced Wastewater Treatment Solutions - Upgrading of existing WWTPs, connecting WWTPs to Energy Plants, treatment of micro-pollutants
- Sludge management
- Wastewater treatment (Cities of Tier 4 and lower levels)



# Rural Water (2021)

- Agricultural Water Use: Irrigation, Nutrient management and budgeting
- Water Supply for Rural Cities and Villages
- Recycling Wastewater for Rural Cities and Villages
- Reducing surface and groundwater water pollution
- Groundwater Management, including Extraction, Monitoring, Protection against overdraft
- Water Quality Monitoring and Equipment
- Wetlands, Lakes and Rivers Restoration
- Water Networks
- Wastewater treatment (Decentral Management, Small Scale Solutions)
- Biological Wastewater Solutions
- Rural Water included water supply and wastewater in rural areas, smaller cities (Tier 4 and lower levels), water technologies for the Food Sector including Agriculture, wetlands restoration



# Activities of the 2020 Program, focus on Urban Water

- 1Q, 2020 – Information Event(s) in China, to be held in the two regions, where the Tech Expos will take place
- 2Q, 2020 – Side-event @Tech Expo#1, China (Aquatech Shanghai is June 3<sup>rd</sup>-5<sup>th</sup>, 2020), primary focus on Sponge Cities
- 3Q, 2020 – Side-event @Tech Expo#2, China (SW China eg Chongqing or Chengdu, tbd), primary focus on Urban Water Infrastructure (Wastewater Treatment)
- 4Q, 2020 – Side-event @IWA World Congress, Copenhagen – combined with inviting Chinese organizations to other European countries



# Adressing Market Barriers

- Several barriers exists for building a well-functioning market in China, in particular IP-fraud and favoring of local companies characterize the understanding of the functioning of the market. This is both a problem for European and non-local Chinese Companies.
- For European Companies, notably SMEs, this implies huge transaction costs. It is difficult, costly, risky and filled with many uncertainties.
- This will be addressed in Interviews and Roundtables with Key Stakeholders on progress reg improving the opportunities for European Companies in China, conducted in co-operation with EUCCC Environment Work Group.
- A questionnaire is currently being circulated to European Companies and a report will be based on the main findings.



- Overall Report on the Chinese Market for Water Technology
- Market Report on each of the priority segments in the regions, where the side-events will take place
- Theme Report on Urban Water concluding the 2020-activities and providing substance for policy recommendations
- Circular Economy (Innovation) Report on the priority market segment of each year
- Report on Market Barrier based on the Questionnaire



- [www.cewp.eu](http://www.cewp.eu)
- Subscribe to the CEWP Newsletter
- Follow CEWP on Twitter and LinkedIn
- Contact the Program Manager: Henrik Dissing, [hedis@mst.dk](mailto:hedis@mst.dk)