



**CHINA
EUROPE**
Water Platform

CEWP@IWA Event: Lessons
learned from the PI project of
the China Europe Water Platform
Tuesday 13th & Wednesday 14th
September, 2022

JOIN US AT THE CEWP EVENT AT BELLA SKY HOTEL,
COPENHAGEN – NEXT TO THE IWA WORLD CONGRESS

WWW.CEWP.EU

Introduction

CEWP – the China Europe Water Platform – Who are we? – www.cewp.eu

The China Europe Water Platform, CEWP, was established in 2012 with the aim to promote dialogue between China and Europe on water management policies, joint research and business development in the water sector. This is implemented through analysis, workshops, conferences, study tours and joint projects to promote exchange of experiences, transfer of technology and improvement of opportunities for business and research.

Started in 2018, the CEWP PI project, operated by 5 consortia, has focused on River Basin Management, Rural Water (Groundwater), Urban Water (Sponge Cities) and Small Scale Hydropower as well as number of cross-cutting issues – Business Co-operation, Circular Economy and Alignment of Funding Resources for Joint Innovation and Research Activities. The PI project itself will close by end of 2022. The results from the project will constitute a main element of the further co-operation at the platform.

OVERALL PROGRAM

Sept. 13 th	Main Room	Break Out Room #1
	#181	#179
09.00-10.30	Opening session	
11.00-12.30	Business Program	Urban Water (Sponge Cities)

Sept. 14 th	Main Room	Break Out Room #1
	#181	#180
09.00-10.30	Funding Alignment	Water and energy (sustainable hydropower)
11.00-12.30	Circular Economy	Rural Water (Groundwater)

Practical Information

Learn more: www.cewp.eu/cewp-at-iwa-event

Link for registration:

<https://da.surveymonkey.com/r/XTBKDHN>

Zoom-links for the sessions will be provided, if you have registered, prior to the event. See also under each session on the following pages.

Welcome to the CEWP@IWA joint event

On September 13th-14th, 2022, back-to-back with IWA World Congress, a CEWP@IWA event will be organized, where key results from the project will be presented in 6 comprehensive sessions. Participation is free of charge and you are cordially invited to join as many sessions as you like.

Opening Session

Introduction to session

The China-Europe Water Platform was created in 2012 recognizing the key importance of water for the desired global sustainable development but also the similarities of existing challenges and policies to overcome them in both regions. The ambition is to establish a clear and transparent dialogue among Chinese and European partners (governmental and non-governmental entities, academia, researchers, business, investors, etc.) to share experiences and build trustful partnerships to develop common actions.

In 2022, ten years after, the evolution of policies with new established approaches on greener transitions of the Societies and new political contexts on International Dialogue to face new Global challenges and risks to Humanity, it is time to reflect on “what’s next?”. What we will be able to perform in 2023, will be crucial for the CEWP we want in 2032!

At the Opening session, we will share with you the origins and basis for the CEWP work, to reflect on what it was achieved till now and, based on what are the new generation of public policies in China and Europe, to oversee the new challenges that CEWP can embrace.

Agenda including discussions

- 09:00 – 09:10 Origins of the CEWP and its foundation – Diana Carlos (European Co-Secretariat)
- 09:10 – 09:20 Organization of the Platform – Diana Carlos (European Co-Secretariat)
- 09:20 – 09:30 Policy Dialogue Process – Pedro Liberato (European Co-Secretariat)
- 09:30 – 09:55 The Policy priorities in China – Ministry of Water Resources from the People’s Republic of China
- 09:55 – 10:20 The Policy priorities in Europe – Eric Tardieu (Office International de l’Eau)
- 10:20 – 10:30 Concluding remarks – European Commission (tbc) and CEWP Secretariat

Practical information

September 13th, 09:00-11:00, Room #181, Bella Sky Hotel, Center Boulevard 5, Entrance 3, 2300 Kbh S

Zoom link for this session: <https://us06web.zoom.us/j/89995248268?pwd=andJWFFrRmtEU1JubnVZTmZlUFPpEQT09> **Passcode: 965019**

Learn more about the CEWP at <https://www.cewp.eu>

Business Program

Introduction to session

The Chinese market for Water Technologies is estimated to become the World's largest Market for Water Technology by 2025, if not already having this position. The growth rate during 2016-2020 was estimated to be 28%, implying substantial public and private investments of a substantial scale. The public investments are directly related to Government regulatory initiatives and adjoined investment programs. Due to a variety of reasons, including language barriers, becoming established and expanding at the Chinese Water Tech Market pose huge difficulties. However, companies with a strong and consolidated business strategy may find niches offering solid business opportunities at the Chinese Market.

CEWP has during the recent years organized a series of Business and Innovation Program Events, particularly aiming to help European Companies in getting access to the significant Chinese Market for Water Technologies. The Business and Innovation Program has provided insights on current and, in particular, future market requirements for water tech solutions, taking into account key game changers – upcoming regulatory changes, circular economy and digitalization. The Business Program of CEWP@IWA will provide you with the main findings of the events.

Agenda including discussions

11:00-11:12 The CEWP Business Program – China Market Outlook – Opportunities and Barriers for European Companies at the World's largest market for Water Technology, Henrik Dissing, Danish Environmental Protection Agency

11:12-11:24 What did we learn from the Business Program Activities (Industrial Water 2019, Urban Water 2021, Rural Water 2022), Palle Lindgaard Jørgensen, IN-Water

11:24-11:36 Lessons learned from the CEWP PI Business Program – Ideas for Future Co-operation, CWEC, Tang Xinhua, Secretary General, Chinese Hydraulic Engineering Society (CHES)

11:36-11:48 Market Functioning in China and Europe – Recommendations for long-term value creation, Henrik Dissing, Danish Environmental Protection Agency

11:48-12:00 Sustainable Financing – Framework Conditions for Utilities ensuring long-term economic and environmental perspectives, Jesper Karup Pedersen, Cowi

12:00-12:30 Roundtable – Introduced by Selected Business Cases

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Learn more about the CEWP Business Program and download Market Reports, Background Reports and PPTs from all events:

<https://www.cewp.eu/index.php/business-cooperation>

Funding Alignment

Introduction to session

A strong collaboration between the European countries and China in the water sector and other research and development areas has been in place for almost half a century. China and Europe are powerhouses when it comes to publications of scientific research papers and calls for proposals through public funding programmes. This particularly relates to many fields of study related to research and innovation for economic, social and environmental security and development. In spite of the development of strong and persistent collaboration between Europe and China in R&I, the matching and alignment of R&I funds between Europe and China is challenging.

In the past four years partners from the China Europe Water Platform have been discussing possible articulation of funds between Europe and China in the field of water related issues. In this session we will be presenting the study “Alignment of EU-China Scientific and Technological Funding Schemes and Opportunities in the Water Sector” and discussing further the key areas of cooperation between Europe and China having in mind the “Communication of global approach”.

Agenda including discussions

09:00 – 09:05	Opening
09:05 – 09:25	“Alignment of EU-China Scientific and Technological Funding Schemes and Opportunities in the Water Sector” – Ana Mendes, University of Évora
09:25 – 09:30	Overview of Communication on global approach
09:30 – 9:40	Overview of adaptation of theme on Urban Waters to the Communication on Global Approach
09:40 – 09:45	Work distribution to attendees according to the following areas: Water Management and Ecological Security, Rural Waters, Water and Energy, Business
9:45 – 10:15	Discussion among groups
10:15-10:30	Sum up

Practical information

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Learn more at www.cewp.eu

Circular Economy

Introduction to session

The fact that China adopted in 2009 its "Circular Economy Promotion Law of PRC" while Europe adopted the EU Action Plan For Circular Economy in 2015 makes it interesting to share knowledge of the implementation policies experience so that CE can be fully circular in the least time frame possible. The fact that EU and China face similar enthusiasm for the full implementation of CE principles and the fact that there are no sectorial studies on CE barriers applied to the Water Sector makes it is useful to joint efforts in the implementation of this concept to new business models related to Water in the frame of China Europe Water Platform. In this frame a desk study and workshop sessions involving stakeholders were included in the PI Lot 5 – Horizontal Activities.

In this session we will be presenting the results of the desk study on the "Assessment of water related circular economy policies in China, EU and selected Member States of the EU in rural context" that will then be discussed among participants. The workshop participants shall contribute to develop recommendations for optimization of new regulatory and economic instruments, for implementing new solutions based on a circular economy principles learning from EU and China experiences.

Agenda including discussions

11:00 - 11:05	Opening of the Session – Vasco Fitas, University of Évora
11:05 - 11:30	Desk study presentation
11:30 - 11:50	Open discussion
11:50 -12:00	Concluding remarks – Vasco Fitas, University of Evora

Practical information

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Learn more at www.cewp.eu

Rural Water and Food Security – Practices, Policies, Achievements

Introduction to session

The session will present a cross-section of project activities, results and recommendations on groundwater management, use and protection. We shall deal with groundwater survey and mapping, monitoring and data storage, impacts of overexploitation as well as means and technologies to minimise impact or even replenish depleted aquifers, and a range of approaches to protect, mitigate or remediate groundwater pollution. In the UN Year dedicated to “Groundwater: Making the invisible, visible” we are particularly proud to present the geophysical tools, which are current state-of-art making groundwater visible to the World as well as modern awareness raising games and digital displays making groundwater resources and levels visible to farmers at village level. We may also connect with Sustainable Development Goal 6 touching on Community-managed Groundwater based Rural Water Supply as well as Nature-based Village-level Wastewater Treatment.

Agenda including discussions

11:00	Opening speech.	Chief Engineer, Dr. Chen Dechun, MWR
11:05	PI RURAL – an EU-China co-creative partnership initiative on sustainable groundwater management, use and protection - history, concept, partners, outputs and outcomes	PI RURAL Project Manager Bjørn Kaare Jensen, Geological Survey of Denmark and Greenland (GEUS)
11:15	Groundwater overexploitation in the North China Plain: A Path to Sustainability.	Professor Wolfgang Kinzelbach, ETH Zürich (on-line)
11:25	Water saving irrigation.	Associate Professor Finn Plauborg, Aarhus University (AU), Assistant Professor Kiril Manevski, Aarhus University and Professor Li Fulin, Water Research Institute of Shandong Province
11:35	Groundwater quality monitoring and data storage	Senior Researcher Lærke Thorling, GEUS and Dr Chen Huawei, Water Research Institute of Shandong Province (WRISD) (on-line)
11:45	Economic and financial gains by reallocating water from irrigated agriculture to urban and industrial supply.	Dr Yao Jingwei, Yellow River Institute of Hydrological Research and Professor Julio Berbel, University of Cordoba, et. al.
11:55	Groundwater: TEM geophysics for groundwater mapping and quantification.	Assistant Professor Denys Grombacher, Aarhus University (on-line)
12:05	Policy dialogues and recommendations on sustainable groundwater management.	Project Manager Lars Skov Andersen, China Resources Management
12:15	Closing remarks and Q&A	

Practical information

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<https://us06web.zoom.us/j/86876470252?pwd=WGNRclZHT2Ewd2JvNndUVStKUeIodz09> Passcode: 290900
 Learn more at www.cewp.eu

China European Cooperation on Sponge Cities (CECoSC)

Introduction to session

Chinese and European cities face increased risk of floods and droughts, as well as a shortage of clean water. The traditional responses related to storm water, are predominantly reactive and problem-driven, rather than pro-active and opportunity-driven hence maximizing the benefits emerging from these adaptations. This new approach is emerging in China and many European cities which are transitioning towards a sustainable and water-sensitive urban future, using ecological principles and deployment of Blue-Green Infrastructure, as a Sponge City Approach.

Governments are compelled to consider cities' current and future water challenges while also handling other related emerging challenges, including climate mitigation, social inclusion, ageing infrastructure, resource shortages, financing and pressures on cultural heritage. 'Traditional' Integrated Water Resource Management (IWRM) needs to be replaced, gradually and consistently, with a nexus that also includes energy, transport, food and material flows creating Sponge City solutions, which maximize benefits, while minimizing risks. In addition this development will shift SC implementation responsibilities from the national to the provincial and local government. Therefore a successful transition towards the adoption of such a new, more holistic, Sponge City Concept might require new governance and institutional frameworks. The CECoS project will provide you with key findings and policy recommendations that are reciprocal for the Chinese and European situation.

Agenda including discussions

11.00 - 11.15	Opening and introduction	Rijkswaterstaat, The Netherlands
	Block 1 Policy development for Sponge Cities	
11.15 - 11.30	CEWP Policy Guidance for Sponge Cities (European partner)	IHE-Delft, The Netherlands
11.30 - 11.45	Chinese Policy Development on Sponge Cities	CAUPD, P.R. China
11.45 - 11.50	Q & A / Interaction	
	Block 2 Practices and challenges on Sponge City implementation	
11.50 - 12.05	European Practices and Challenges	Deltares, The Netherlands
12.05 - 12.20	Chinese Practices and Challenges	CAUPD/BWA, P.R China
12.20 - 12.30	Q&A / Interaction	

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Learn more at www.cewp.eu

Water and Energy (sustainable hydropower)

Introduction to session

This session is jointly organized by the Swedish Agency for Marine and Water Management (SwAM) and Nanjing Hydraulic Research Institute (NHRI) as the co-leads of the focus area “water and energy security” under the China Europe Water Platform (CEWP). The purpose of this session is to present and discuss a set of policy recommendations focusing on China produced by the project “Sustainable Hydropower Use and Integration in China and EU (SHUI-ChE)” and gather inputs and feedback from all the participating experts and audience. After the session, the presented policy recommendations will be updated and finalized based on the discussions and submitted to the China Europe Water Platform (CEWP) and the Chinese partner organizations involved in the platform.

Agenda including discussions

09:00-09:05	Introduction of the project and purpose of the meeting	Frank Zhang, Swedish Agency for Marine and Water Management (SwAM)
09:05-09:15	Sustainable hydropower and its role in renewable energy transition – from a Chinese perspective	
09:15-09:35	Greening small scale hydropower: Lessons learned from the CEWP	Bernhard Zeiringer, University of Natural Resources and Life Sciences, Vienna. Thomas Dworak, Fresh Thoughts Consulting.
09:35-09:45	Enhancing contribution of hydropower to power system flexibility in China: Priorities for policy	Guoyi Han, Stockholm Environment Institute (SEI)
09:45-09:55	Improving Pumped Hydro Storage Flexibility in China: scenarios for advanced solutions adoption and policy recommendations	Leonardo Nibbi, University of Florence
09:55-10:25	Discussion and feedback on the presented policy recommendations	
10:25-10:30	Summary and next steps	Frank Zhang, Swedish Agency for Marine and Water Management (SwAM)

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Learn more about the project Sustainable Hydropower Use and Integration in China and EU (SHUI-ChE), please contact Mr. Frank Zhang at frank.zhang@havochvatten.se

Practical Information

Practical information for participation to the CEWP@IWA event

On September 13th-14th, 2022, back-to-back with IWA World Congress, a CEWP@IWA event will be organized, where key results from the project will be presented in 6 comprehensive sessions. Participation is free of charge.

- Address of the CEWP@IWA event: Bella Sky Hotel, Center Boulevard 5, Entrance 3, 2300 Kbh S.
- Free and open for all interested parties, registration is required.
- Registration: <https://da.surveymonkey.com/r/XTBKDHN>
- Zoom-links are listed under each session.
- Important: please notice that the CEWP@IWA event is not a part of the IWA World Congress. Registration is required for participation at the CEWP@IWA event, also if you have registered for the IWA World Congress.



Practical information about the IWA World Congress

- The IWA World Congress will be held during September 11th-15th, 2022, at the Bella Center in Copenhagen. The congress offers five days of critical discussions into the future of sustainable water management and thought-leadership permeated workshops, debates, business forums, keynote speakers, technical and training sessions. Networking opportunities enabled new insights and partnerships, showcasing new ideas and solutions to solve the global water crisis.
- The IWA World Water Congress & Exhibition is the global event for water professionals covering the full water cycle. Join over 10,000 leading water professionals and companies, thought-leaders, decision-makers, leading researchers and business representatives from within and outside the water sector will focus on water solutions to shape our water future.
- Link to Congress site, program, information about registration and registration fee, accommodation etc.: <https://worldwatercongress.org/>