

CHINA
EUROPE
Water Platform

CEWP - LOT5
Horizontal and
coordination activities

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



Business Pillar

Business Pillar

Context

- Both regions recognize water sector challenges with substantial budgets allocated
 - China - Water present in all the last consecutive 5 years Plans, including the 14th
 - Europe - EU Green Deal, Zero pollution Action Plans, Drinking Water Directive, Urban Wastewater Directive

Objectives

- to identify innovation needs, promote partnerships and present state-of-the-art solutions, to facilitate overcoming market barriers.

Action

- 175 company technology presentations in 21 events and webinars, with a total of 1.700 attendees.

Business Pillar - Recommendations

Improve Technology Transfer to support Green Transition

Evaluate and adequate key standards (water and energy efficiency), calling for innovative solutions and both private and public investments.

Increase Public Value Creation from investments in Water Sector

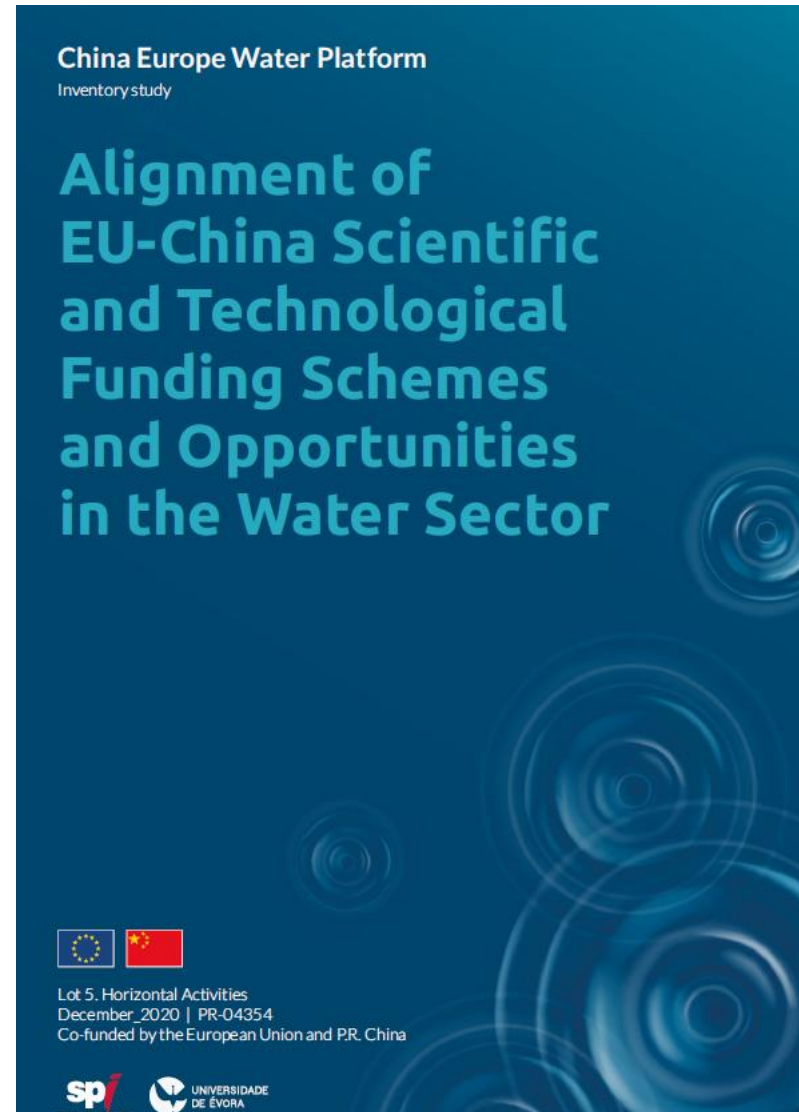
Design economic incentives to prioritize efficient use of the procured technologies. Overcoming the structural reason for lack of interest in state-of-the-art technologies, typically more expensive to procure, but with much less long-term operational costs.

Reduce Carbon Footprint of the Water Sector

The Carbon Footprint of the Water Sector is a factor often not addressed by the sector itself. Shift from a supply-side to a demand-side management approach. Shift from WWTP (Wastewater Treatment Plants) to WRRF (Wastewater Resources Recovery Facilities)

Funding Alignment

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Alignment of China-Europe Scientific and Technological Funding Schemes and Opportunities in the Water sector

Context

A strong collaboration, for almost half a century, in the water research and development areas. China and Europe are powerhouses in publications of scientific research papers and calls for proposals related to research and innovation for economic, social and environmental security and development.

Objective

To explore water-related issues in funding and research, to contribute with proposals to the alignment of funding opportunities for business, research and innovation.

Action

Stakeholder consultations, desk research and database analysis. More than 200 European and Chinese stakeholders from business, research and policy fields participated in workshop and roundtable sessions, studies, and web-consultations.

Recomendations

- ❑ Strong impetus for China-EU collaboration with a multi-stakeholder, integrative and cross-sectorial approach for the identification and implementation of solutions in the water sector, (Water4All)
- ❑ Better coordination between Europe and China supporting system for research projects
- ❑ Inclusion of water in the international cooperation dimension of Horizon Europe, with dedicated calls.
- ❑ Development of a set of flagships initiatives, based on the results (Budapest and Guimarães), which included stakeholders from the business, research and policy fields
- ❑ To promote a Coordination and Supporting Action (CSA) to provide support to long-lasting cooperation in the field of water addressing SDGs - pooling resources, coordinating efforts and developing and assisting the implementation of a coherent R&I programme, as well as summarizing policy recommendations, contributing to awareness-raising of the impacts of water footprint, promoting mutual learning exercises and studies on standardization and guidelines.