

## SUSTAINABLE URBAN DEVELOPMENT STRATEGIC SECTOR COOPERATION BETWEEN BEIJING & COPENHAGEN

Annual Report for 2019



### Project description

There are four tracks in this project between Copenhagen and Beijing. It addresses four challenges relating to climate change and sustainable urban development:

- 1) Overall Sustainable Urban Development
- 2) Climate Change Adaptation/Sponge City
- 3) Wastewater Management/Energy Production
- 4) Energy Efficiency/Management in existing Buildings

The overall objective is to facilitate a green and sustainable transition in Beijing through:

- Sharing knowledge, solutions and challenges
- Building up networks and relations across borders and administrations
- Creating solutions in cooperation with different actors such as universities, Danish companies etc. Solutions such as capacity building, concrete physically installations and lasting cooperation.

### Key activities in year 2019

- Beijing Water Authority held a technical workshop with BIOFOS and Danish companies in Copenhagen, sharing knowledge about wastewater management and especially how to use sludge for energy production.
- Expert from Gehl Architects gave a lecture on Copenhagen's bicycle strategies for urban

planners from Beijing Commission of Planning & Natural Resources.

- A workshop on bike infrastructure was held at the Danish Embassy.
- High-level visit to Copenhagen by Liu Wei, Vice Chairman of the Standing Committee of Beijing Municipal People's Congress.
- A four-day technical workshop on climate change adaptation/Sponge City was held in Beijing, between specialists from Copenhagen, HOFOR and Beijing
- A four-day technical workshop on wastewater treatment – waste to energy, was held in Beijing between specialists from BIOFOS and Beijing Water Authority
- C40 World Mayor Summit in Copenhagen; the SSC-project supported the participation of 8 Chinese cities, representing 80 million people
- High-level Beijing delegation visited BIOFOS during C40 Mayors Summit
- High level meeting between Beijing and Copenhagen during the C40 World Mayors Summit in Copenhagen
- C40, Copenhagen and CSTID under the Ministry of Housing and Urban Rural Development (MoHURD) – held several meetings on energy efficiency

### Main achievements and lessons learned in 2019

- "Green Valley" sponge area in Tongzhou, constructed
- Idea-catalogue on sponge city and citizens involvement, finalised
- Technical sketches of "Green Valley" sponge area in Tongzhou, finalised
- Data exchange MoU between BIOFOS and Beijing Drainage Center, agreed
- Wastewater treatment plant (WTP) for feasibility study in Beijing, identified
- 5,7 km bike highway in Beijing (inspired by Copenhagen's bike highways), implemented
- C40/MoHURD/Copenhagen energy partnership, developed
- Support of the DI Water delegation to China (Grundfos, Danfoss, Kamstrup, Krüger, Hoyer, Ramboll, etc.) during the visit of the Danish Minister for Environment

Status: The Full Project Phase I

Project period: July 2018 - May 2021

Partners: Beijing Water Authority (BWA), Beijing Municipal Commission of Urban Planning & Natural Resources (BJMCPNR), Beijing Municipal Institute of Planning & Design, the Centre of Science and Technology of Industrialization Development (CSTID) under Ministry of Housing and Urban Rural Development (MoHURD), C40

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