

CHINA EUROPE

Water Platform

www.cewp.eu



Funded by the
European Union

CEWP PI Lot #3

Water and Urbanization

China EU Cooperation on Sponge Cities

CECoSC



Sponge City Concept, SCC

“ Restore the city’s capacity to absorb, infiltrate, store, purify, drain and manage rain water and regulate the water cycle as much as possible to mimic the natural hydrological cycle”

SCC is not just dealing with “too much water” but also reuse of rain water; mitigating the impacts of “droughts”, recharging groundwater bodies, supplying city ecosystems, enhancing the livability of cities ...

Nexus Water and Urbanization



CN-EU Partnership Lot #3

EU Partners	CN Partners
Rijkswaterstaat, Ministry of Infrastructure and Water Management Netherlands	Beijing Water Authorities
University of Copenhagen Denmark	China Academy of Urban Planning & Design
Turku University of Applied Science Finland	
Research Institute of Sweden	
European Cities	Chinese Cities
Amsterdam, Copenhagen, Turku, Gothenburg	Beijing, Changde (Hunan)

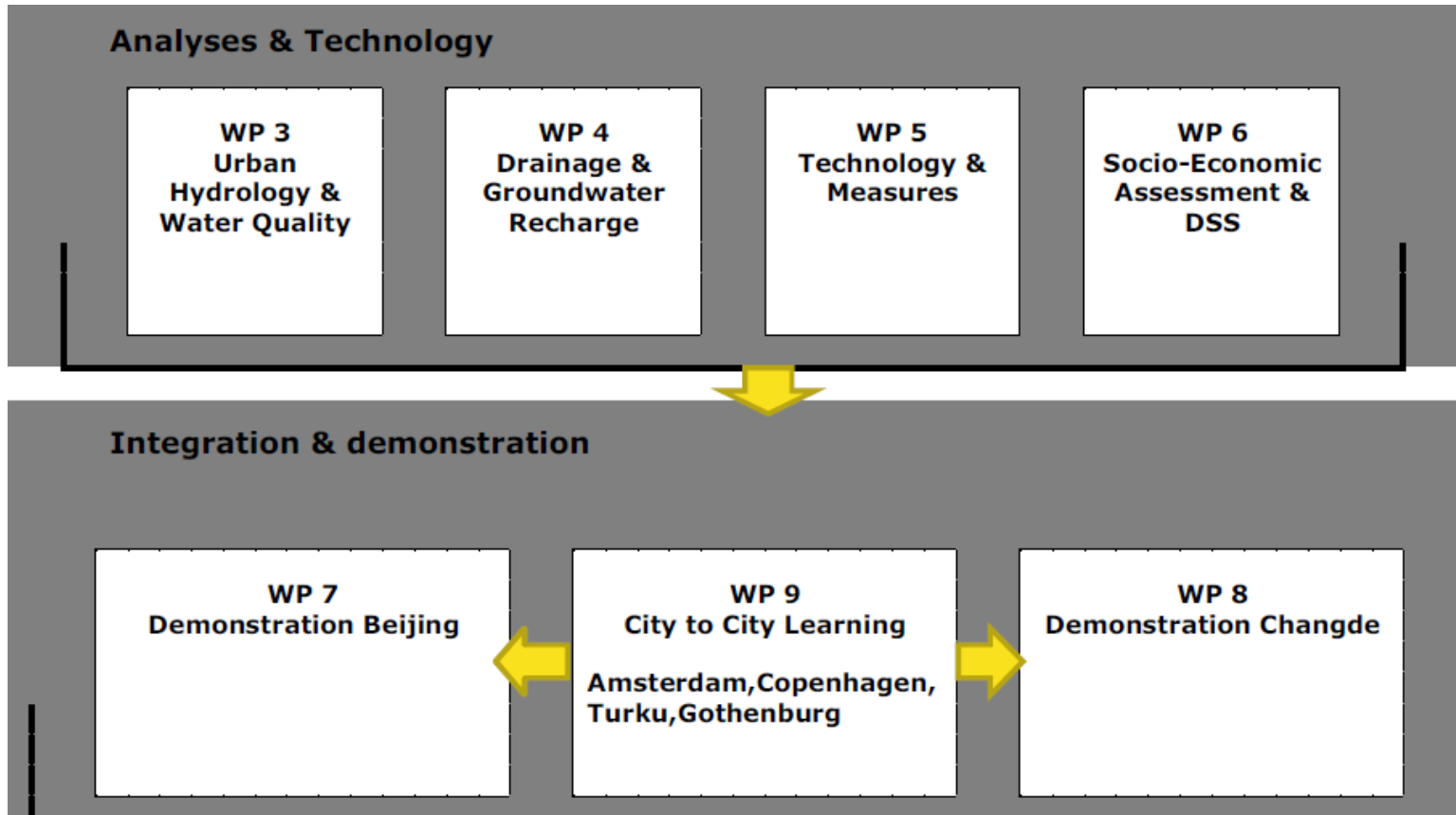


Objectives CEWP PI Lot #3

Objectives	Description
1	Policy Recommendations on institutional arrangements & new regulations in support of SCC implementation
2	Knowledge exchange & Demonstration projects on Sponge cities in China & Europe in order to enhance SCC expertise on key aspects & in doing so resolving the main issues that slow down the SCC implementation process.
3	Improvement existing models & Decision Support Tools on : <ol style="list-style-type: none"> 1. Dynamic adaptive urban planning 2. Monitoring assessment of water quality, water infrastructure & drainage 3. Sustainability analysis of Sponge cities technologies 4. Sustainable urban hydrological water cycle 5. Liveability & socio-economic assessment



Methodology



Results of inception year

- Establishment of partnership
- Agreement on work program 2019 - 2020
- Signing of Protocol of Cooperation

Main issues for dialogue:

- Balancing grey-green-blue solutions
- Sustainability and socio-economic assessment



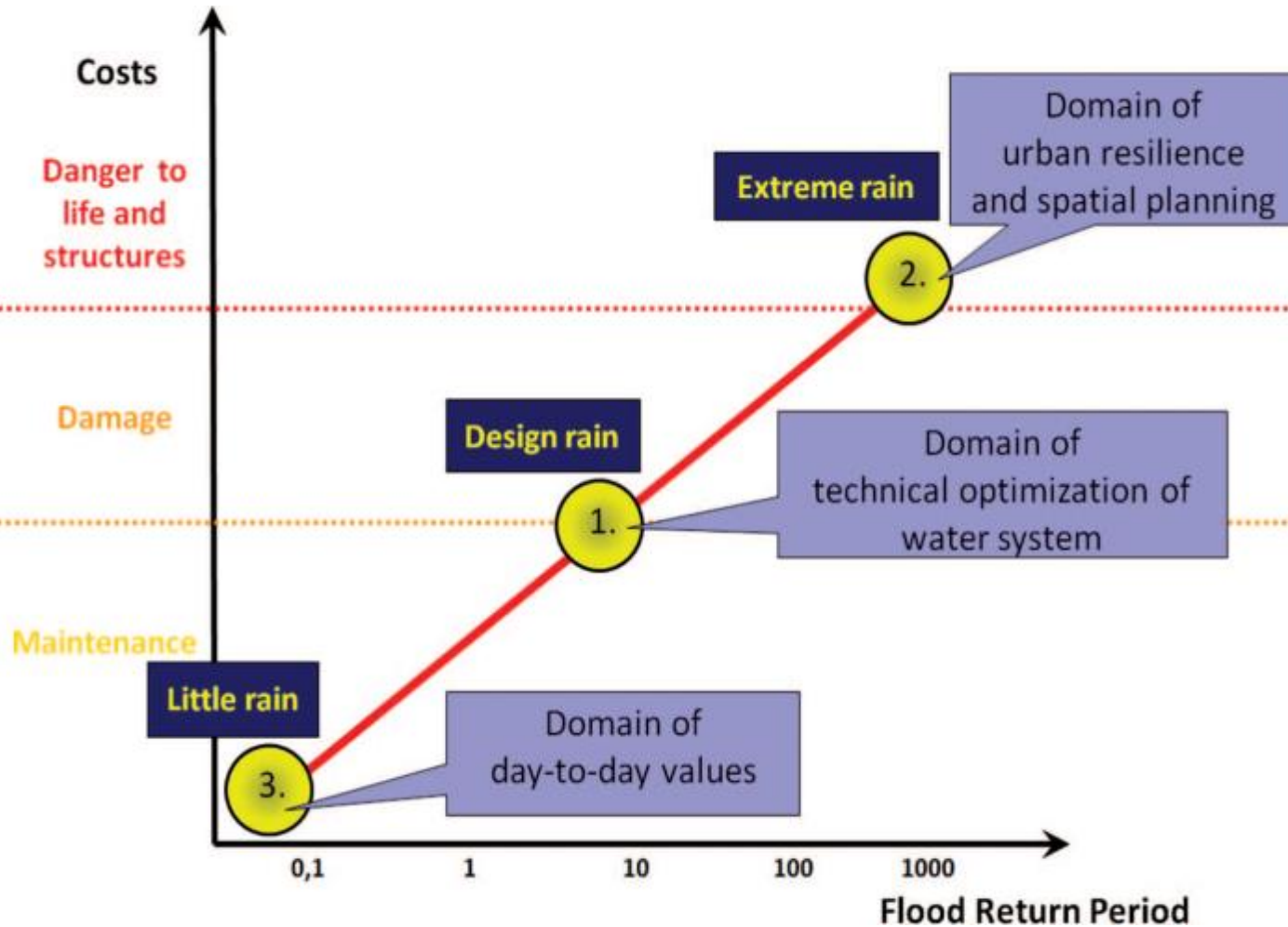
Blue Condition

2. *If extreme flooding occurs BGI facilitates managed urban conveyance and storage.*

1. *Blue-Green infrastructure provides required level of service for flood defence.*

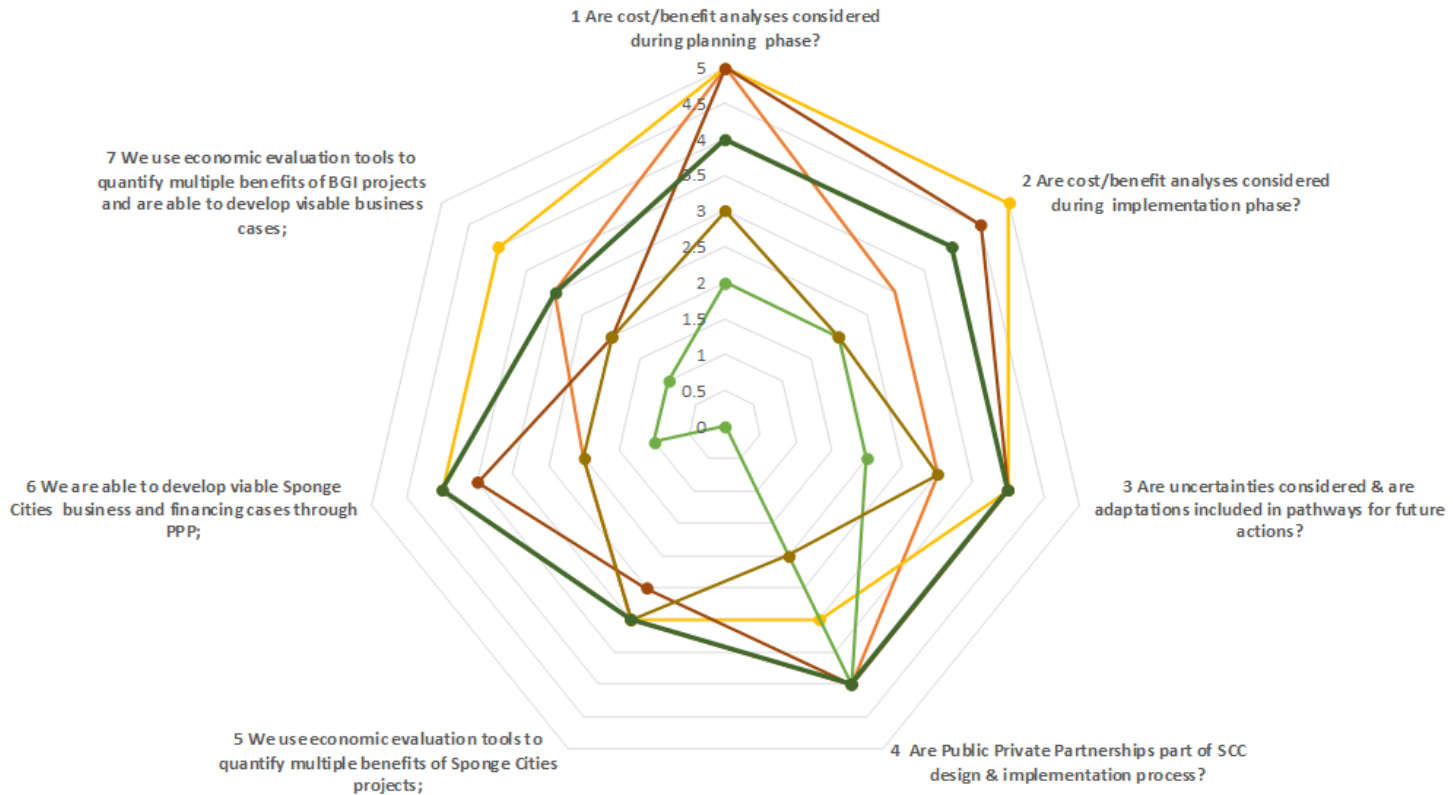
3. *Green infrastructure and spaces used on a daily basis by communities and ecosystems.*

Green Condition



City mapping for C2C Learning

Radar chart for Cost & Finance



Planning 2019

Event 2019	Date 2019	Participants
CECoSCEUPartner Mission 3 to China Beijing & <u>Changde</u> , China	19-27 March	EU Partners and Chinese Counterparts
CEWP Joint Steering Committee Budapest, Hungary	24-26 April	CAUPD, RWS
C2CL Chinese Partners to Europe Netherlands & Denmark, Europe	20-24 May	City Associate Partners Representatives WP7 WP8
CECoSCEUPartner Mission 4 to China Beijing & <u>Changde</u> , China	10-17 October	EU Partners & Chinese Counterparts
CECoSC Chinese Partner Mission 2 Amsterdam, The Netherlands	4-8 November	EU Partners and Chinese Counterparts City Associate Partner Amsterdam, Netherlands
CEWP 7 th Annual High Level Conference (HLC) Portugal	December	EU Partners and Chinese Counterparts

	Activities for European Partners
	Activities for European and Chinese Partners in China
	Activities for European and Chinese Partners in Europe
	Activities for European and Chinese Coordinators in Europe

