

CITIES & ENVIRONMENT DEVCO Environment Week

Vicky Pollard, Beijing Delegation, Friday 19th October

Component 1 – EU and Chinese Urbanisation

A joint challenge, but different in scope, speed and opportunities



Cities in China above 1 million

1985	20 cities
2018	Over 150 cities
Ca.10 mega-cities (>10 million)	

Europe as of 2018

> 1 million	12 cities
2 to 5 million	5 cities
> 5 million	Several metropolitan areas



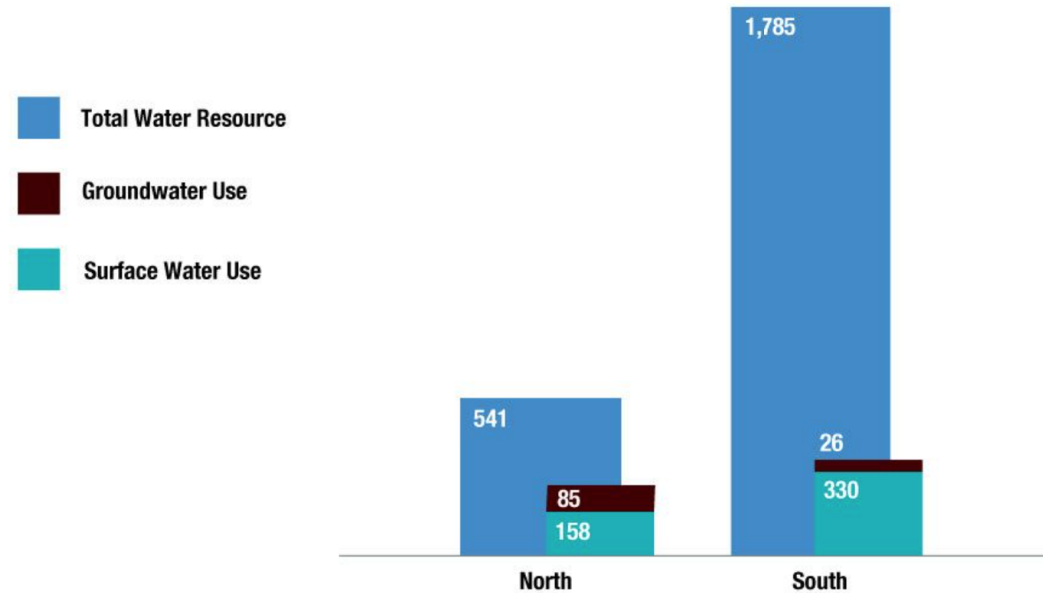
Cities and environmental impact

- Concentration of people
- Increases impact and risks
- Opportunity
- Urbanisation- increasingly middle class population and uncertainties about consumption trends/ concerns
- Opportunities to offer alternatives
- Economies of scale and opportunities to introduce new technologies

Water – too little or too much

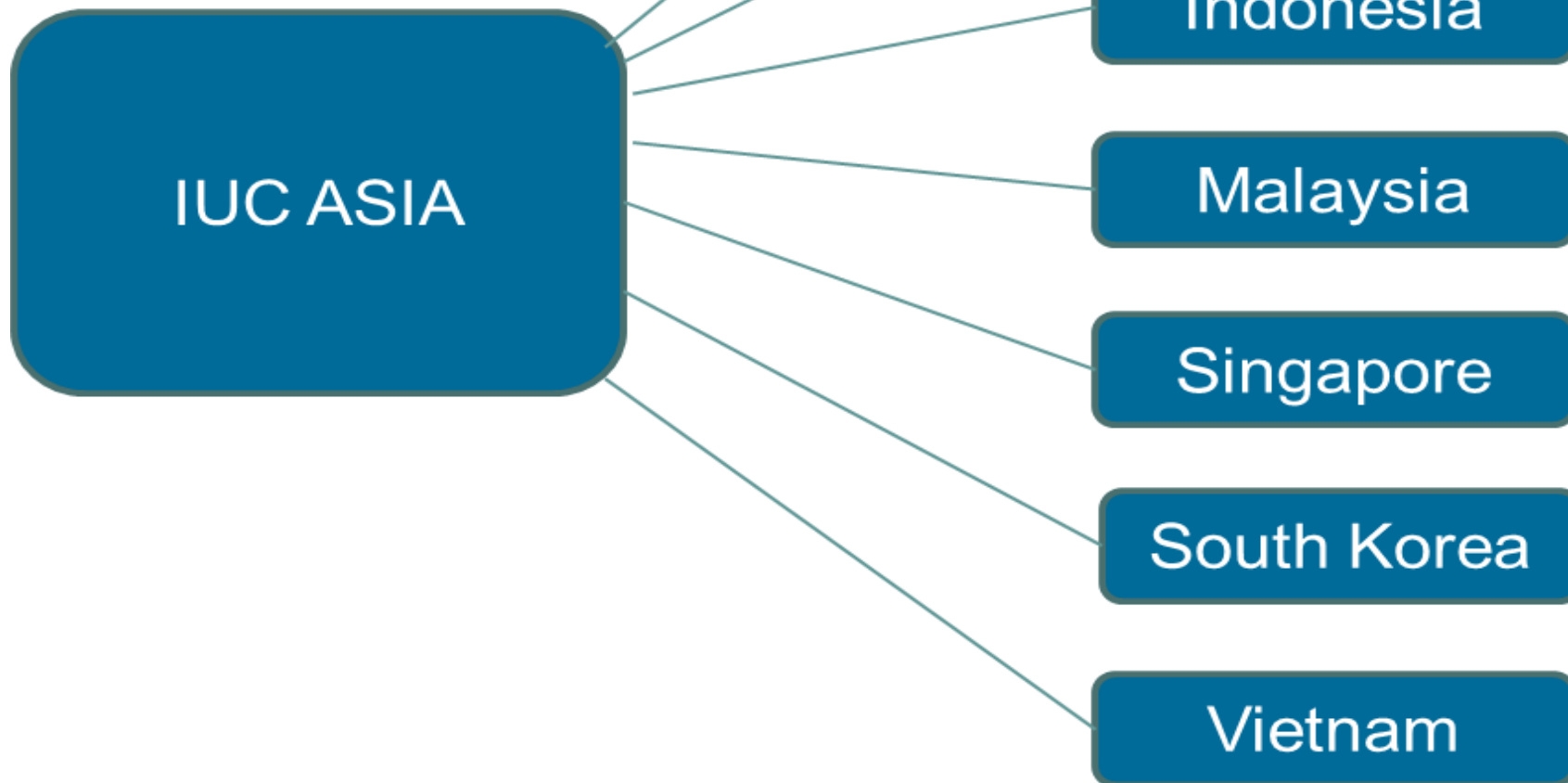
- Beijing Tianjin Hebei region- water scarcity
- 112m people
- Groundwater falling
- Subsistence

2011 North-South Water Use vs Total Water Resources (billion m³)



City pilots

- Low carbon Cities
- Smart Cities
- Sponge Cities
- Eco-cities



1. IUC Project Introduction

Two main objectives of IUC Asia

Component 1:

To strengthen EU-China **city-to-city cooperation** on sustainable urban development within the **EU-China Regional Policy Dialogue** (started 2006) and supporting also the EU-China Urbanisation Partnership (launched 2012)

Component 2:

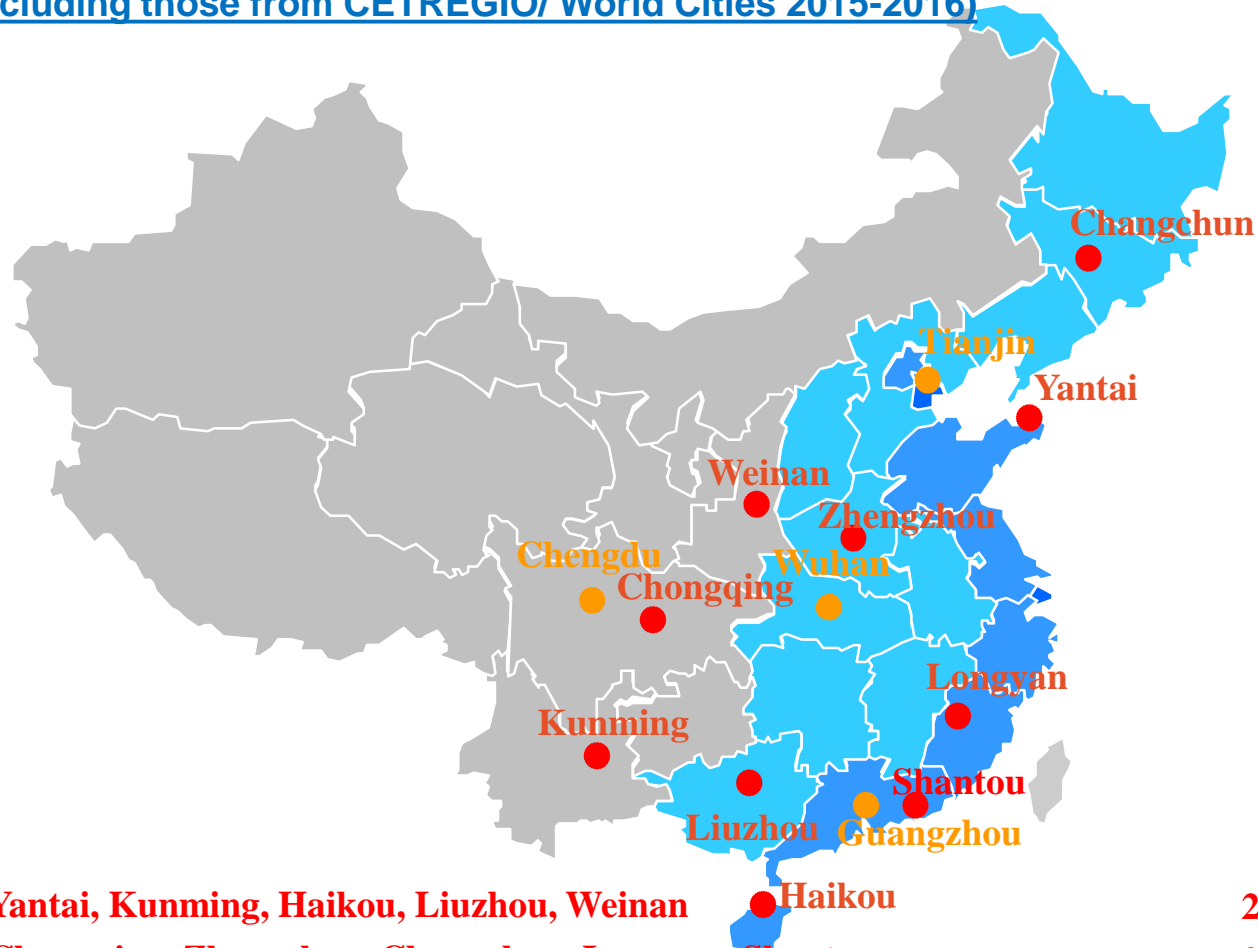
To strengthen EU-Asia cooperation on local and regional **climate change action**, building upon the **Global Covenant of Mayors** initiative



Component 1 - Cities

Chinese Pilot Cities 2017 /2018

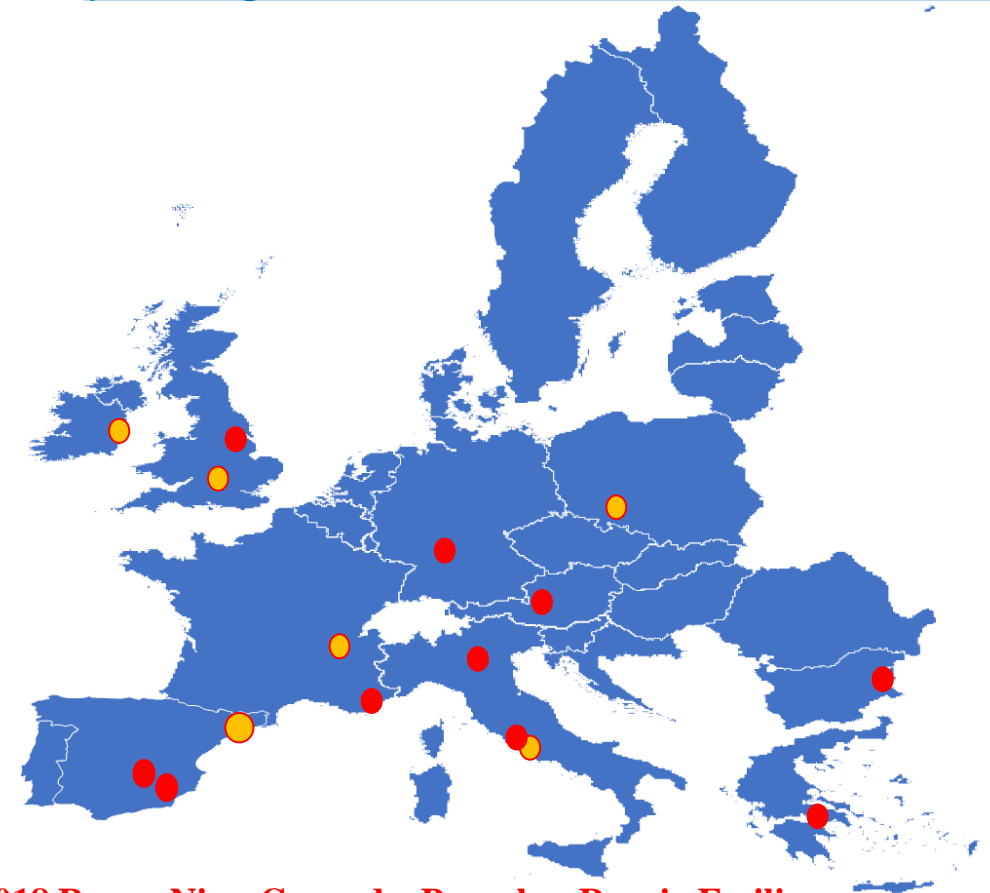
(including those from CETREGIO/ World Cities 2015-2016)



2018 Yantai, Kunming, Haikou, Liuzhou, Weinan
2017 Chongqing, Zhengzhou, Changchun, Longyan, Shantou
2014-2016 Tianjin, Wuhan, Chengdu, Guangzhou
(under the EU CETREGIO – WORLD CITIES Projects)

EU IUC Pilot Cities 2017 /2018

(including those from CETREGIO / World Cities 2015-2016)



2018 Rome, Nice, Granada, Barnsley, Reggio Emilia
2017 Malaga, Prague, AAK (Athens), Mannheim, Burgas
2014-2016 Barcelona, Lyon, Dublin, West Midlands, Lazio, Lower Silesia,
Upper Austria (under EU CETREGIO – WORLD CITIES projects)

Ellen McArthur Foundation- circular economy opportunities for cities, report September 2018

- Built environment, mobility, nutrition, textiles and electronics
- ***‘Applying circular economy principles at scale in China’s cities could make goods and services more affordable for citizens, while at the same time making cities more liveable, reducing emissions of fine particulate matter by 50%, emissions of greenhouse gases by 23%, and traffic congestion by 47%, by 2040’***

