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TRANS-URBAN-EU-CHINA

Transition towards urban sustainability through socially integrative cities in the EU and in China



Consortium Web Meeting

Task 4.1 and Task 4.2

ISINNOVA



A VISION

short inspiring definition of socially integrative cities

Brief description of 7 challenges to build create socially integrative cities – different IN scope but common to EU – CHINA context

1. Collective memory (WP1)
2. Educating cities (WP1)
3. TBC (WP2)
4. TBC (WP2)
5. Cities expansion on urban land and urban redevelopment (WP3)
6. Migration access to services (WP3)
7. Digitalisation (WP4)

Working on language and indicators
– first 5 trends will be sent to final review to WP leaders

Brief description of 5 solutions/policies to be taken into account socially integrative cities

Narrative of successful 10 'urban experiments' (EU/ CHINA) from the point of view of the actor capabilities



DIGITALISATION – AN ADAPTIVE VISION

	CHINA	EUROPEAN UNION
INDICATOR	The market for smart city tech in China is growing by 21% every year – set to reach a projected \$1.5 trillion by 2022	ADD STATISTIC
CHALLENGE	<p>Digitalisation is continuing to change the way China lives and works. Digital technology is transforming urban planning, development, operations and governance.</p> <p>It's not all about collecting new data. Enhancing the usage of existing urban data can provide opportunities for new tools and services that enhance the way cities are run and influence the behaviour of their citizens.</p> <p>China is certainly accelerating its move onto the hi-tech super highway. Its ambitious plans include developing a fleet of smart cities built on infrastructures, platforms and big data. And city councils are making significant investments in technology – in 2017, pilot projects were launched in more than 500 cities, all of which leveraged digital innovation and intelligent design to help drive sustainability, high quality living and highly paid jobs.</p> <p>The further benefits for China? Digitalisation can help to enable GDP growth based on productivity, innovation, and consumption.</p>	<p>In the EU, digitalisation is well on its way to changing civic service processes across the board, and as a result, it is helping to redefine the relationships between cities and their inhabitants. Increasing demand for digital technology is also driving increasing demand for skilled workers.</p> <p>In a smart city, buildings, infrastructures and services are more efficient. This means better use of resources, fewer emissions, smarter urban transport and energy networks, more efficient water supplies and waste disposal facilities, and better ways to light, heat and cool buildings.</p> <p>Civil processes will be smoother and easier, and public spaces designed to meet the needs of specific groups, such as the elderly, making them feel safer.</p> <p>The cities of the EU will be better places to live. The challenge? To effectively apply digitalisation to urban planning, and to create intelligent ecosystems that can deliver integrated, value-added services, such as e-health, e-government, and e-transport.</p>

CITY EXPANSION ON RURAL LAND

Mock-up

EUROPE

Rapid urbanisation also induced a very fast spatial expansion of cities, which has been mainly based on massive land conversion stimulated by fiscal reasons. In 1988, recognizing local governments' need to upgrade infrastructure, the central government introduced the system of leasing long-term rights for the use of state-owned land, allowing most revenues to be retained by municipalities. Since the Tax Reform from 1994, local authorities have had to take on new tasks (education and health) while the central government holds most of the taxes (Huang, 2014). Since then, local governments are mainly financed by transforming collective into public land and then sold by auction to real estate developers. In many cases, this has resulted in faster land-led rather than population induced urbanisation despite high rural to urban migration rates. In a number of cities, large "ghost cities" with high vacancy rates have emerged. Parallel to urban expansion, many older urban districts are threatened to lose or have lost their vitality and have turned into socially disintegrated and economically distressed areas in need of upgrading.

[Read more](#)

CHINA

While in 1950 just about more than half of the population was living in urban areas, in 2015 the figure had risen to 75%. Urban population will continue to grow slowly, and by 2050, 80% of European will live in urban areas (Eurostat, 2016). While urban areas accounted for 22.5% of the total territory in 2014, the share of total area accounted by cities was considerably lower, at 3.9% (Eurostat, 2016). However, in larger urban areas commonly towns and cities are integrated into the larger metropolitan region.

[Read more](#)



WHAT ARE THE SOLUTIONS?

INCLUSIVE SUSTAINABLE CITIES

Urban environment and living conditions

[View](#)

Local economy and labour market

[View](#)

Socio-cultural development and social capital

[View](#)

Institutional development and urban finance

[View](#)

Collaborative urban planning and design

[View](#)



Last 4.2 activity:

Review of the article for TRANS URBAN book.

Title: Social Cost Benefit Analysis – supporting urban planning and governance for enhancing social integration

As requested, we have indicated two reviewers:

- Stefan Suter, at ECOPLAN (Switzerland)
- Arno Schroten, at CE Delft (The Netherlands)

Waiting for feedback



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Task 4.3

CIUC and ISCI



同濟大學
TONGJI UNIVERSITY



Israel Smart Cities Institute



Last CIUC activities:

**Preparation of a concept for a workshop on
“Storytelling and Data Science Algorithms”
by ISCI and CIUC on request by WP1**





What's next?

Still pending:

- 1. Waiting for the book chapter comments by reviewers**
- 2. Perform book chapter revisions**
- 3. Initiate workshop on “Storytelling and Data Science Algorithms”**



Last ISCI activities:

1.Submitted book chapter revisions

2.Submitted a new article for Geography Research Forum



Israel Smart Cities Institute



What's next?

ISCI:

- 1. Promoting the CoC platform: “share your success story”, “Book of the month”, “Expert of the month”. Please let us know if you like to participate**
- 2. Upload the materials of the ULL’s webinars to the CoC**
- 3. Initiate workshop on “Storytelling and Data Science Algorithms”**
- 4. Online seminar with EuroCities and Prof.Lingbo Liu**



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