This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

Socially integrative cities in the age of COVID-19

COVID-19时代的包容性社会城市

Presented by

Annemie Wyckmans, Norwegian University of Science and Technology

挪威科技大学

and

Bernhard Müller, Dresden University of Technology

德累斯顿工大

NTNU

TECHNISCHE UNIVERSITÄT DRESDEN

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

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

TRANS-URBAN
EU-CHINA
Research & Innovation
on Urban Transition

TRANS-URBAN-EU-CHINA

Socially integrative cities – a comprehensive approach (TRANS-URBAN-EU-CHINA 2018)

➢ Socially mixed, cohesive, liveable and vibrant communities

➢ Compactness, functional mix, intra-urban connectivity play an important role

➢ Environmental quality, quality of public spaces, quality of life contribute to the well-being of the population

➢ Sense of community, sense of place, preservation of cultural heritage shape the city's in- and outward bound image

➢ Investments into neighbourhood improvement, infrastructure and housing are important supportive measures

➢ Empowerment and participation of the population as well as social capital are indispensable

➢ 社交融合、有凝聚力、宜居和充满活力的社区

➢ 紧凑性、功能混合、城市内部连接起着重要作用

➢ 环境质量、公共空间质量、生活质量有助于人口的福祉

➢ 社区意识、地域感、文化遗产保护形成了城市的内外形象

➢ 对社区改善、基础设施和住房的投资是重要的支持措施

➢ 赋予人民参与权以及不可或缺的社会资本

Characteristics of the socially integrative city

Illustration by Fiammetta Ghedini during the project presentation at AAAS 2020 in Seattle February 2020

© RIVA Illustrations

TECHNISCHE UNIVERSITÄT DRESDEN

CAUPD

Duration: January 2018-December 2020

www.transurbaneuchina.eu

Project components 项目组成

➢ Community building and place making in neighbourhoods
居民区社区构建与场地营造

➢ Bridging the planning-implementation gap in eco- and smart cities
衔接生态城市、智能城市的规划与落实

➢ Land use and land management – expansion areas and urban renewal
土地利用与管理 - 城市扩张与城市更新

➢ Integrated transition pathways towards sustainable urban planning and governance
可持续城市规划与治理的一体化转变路径

➢ Living Labs, exploitation and dissemination (plus reference cities)
居住实验室 （示范城市）的实践探索与经验推广

✓ Stakeholder cooperation is vital! 利益相关者间的合作至关重要！

✓ 14 Partners 项目成员 + 2 Living Labs 居住实验室 + Reference Cities 示范城市

Policy and Practice Oriented Publications

Wenjiang Urban Living Lab August, 2019

Socially integrative cities in the age of COVID-19
COVID-19时代的包容性社会城市

➢ URBAN-EU-CHINA Innovation Platform on Sustainable Urbanisation
中欧可持续城市创新平台

➢ Wuhan as urban living lab for socially integrative cities
武汉作为包容性城市实验室

➢ How can we as planners, architects, designers & artists, help create cities and communities that are more resilient?
作为建筑师，规划师，设计师，以及艺术家怎么协助建设任性城市与社区？

➢ Health-promoting environments that are people-centred, ecological, enabled by digital innovation, in cooperation with local stakeholders
与地方利益相关者合作，通过数字创新实现以人为本的生态健康环境

STRATEGIC RESEARCH & INNOVATION AGENDA FOR EU-CHINA COOPERATION ON SUSTAINABLE URBANISATION VOLUME 2

Deliverable 1.2 Strategic R&I Agenda (volume 2)
Task 1.1 Strategic R&I Agenda and Action Plan
WP 1 Joint Policy Strategies

NTNU Norwegian University of Science and Technology

URBAN EU-CHINA

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

TRANS-URBAN EU-CHINA
Research & Innovation on Urban Transition

Socially integrative cities in the age of COVID-19: immediate responses
COVID-19时代的包容性社会城市：迅速应对

➢ Digital responses as a lifeline, enabling resilience
  数字化（技术）应对是生命线，赋予（城市与居民）更加有韧性

➢ Smart living, eCommerce, Contactless payment
  智能生活，电子商务，无接触支付

➢ Sharing economy, trading skills and facilities, enabled by digitalization
  数字技术加持下的共享经济，贸易手段与设施

➢ Digital rights, ownership of data. How to balance privacy with the short-term safety of the majority?
  数字权利，（大）数据所有权，如何在大多数人的短期安全与隐私之间取得平衡？

➢ Transparency, safety, security, openness
  透明，安全，保障，开放

➢ Making sure that location data (personal data) is subject to high levels of protection
  确保位置数据（个人数据）受到高度保护

NTNU · EUROCITIES · Israel Smart Cities Institute

TRANS-URBAN-EU-CHINA

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

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.
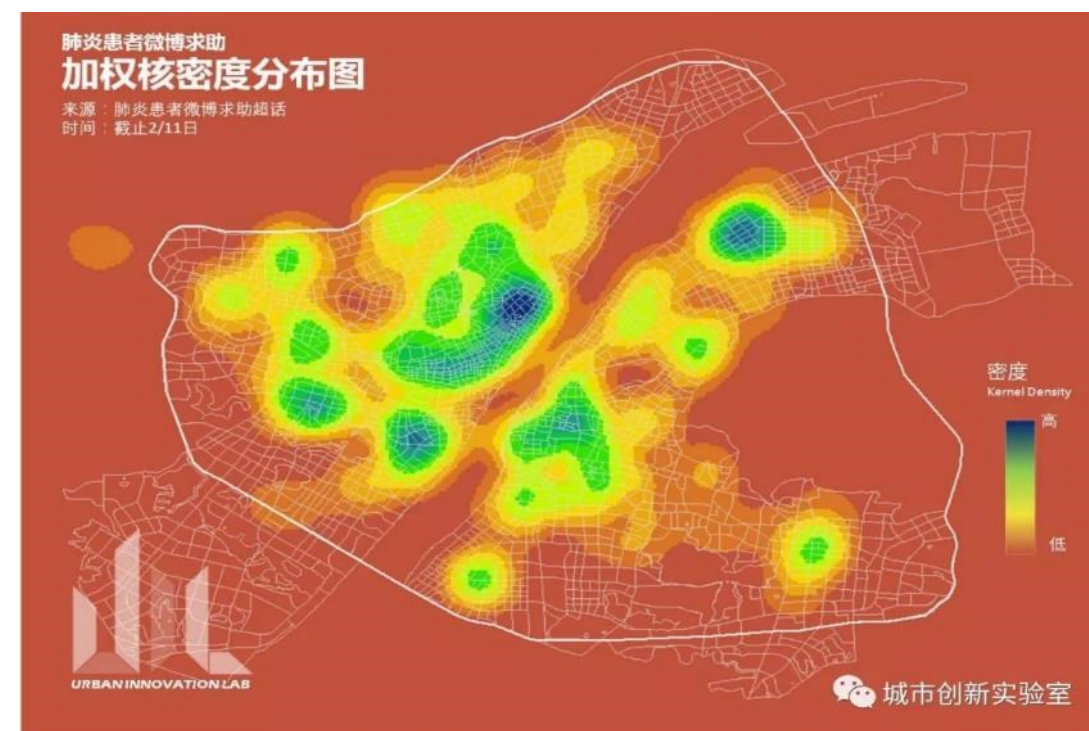
Example: Data Analysis of social media during the COVID-19 epidemic in Wuhan
案例：武汉新冠肺炎爆发时社交媒体数据分析

> Tracking of social media, demographic data and medical care resources to map distribution of COVID-19, by Wuhan University Urban Innovation Lab
> 武汉大学城市创新实验室跟踪社交媒体，人口统计数据和医疗资源以绘制COVID-19分布图

Chinese articles:

> https://mp.weixin.qq.com/s/KPKBveZwXQRx-7q8oL6ntw

> https://mp.weixin.qq.com/s/d6bav_uVO4wXcUjrA4jt9A

> https://mp.weixin.qq.com/s/9hkhzcIsVyfeiLucDmZBoA

> https://mp.weixin.qq.com/s/eRVkRN8ARlk66EKA2QaQ_Q

WUHAN UNIVERSITY

Example: Volunteers assisting citizens
案例：志愿者协助公民

➢ The system connects people who are looking for help to those who want to help (purchasing and transporting food and medicine or any other telephone help).

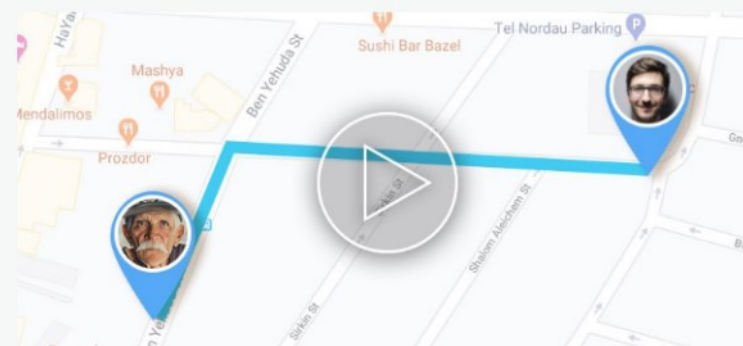该系统将需要帮助的人与需要帮助的人联系起来（购买和运输食品和药品或任何其他电话帮助）。

➢ Authorities data will be kept confidential and each city can add unique functions according to their other unique needs like specific languages.

当局的数据将被保密，每个城市都可以根据其他独特需求（例如特定语言）添加独特功能。

➢ https://adamleadam.co.il/

Volunteers beat the Corona
Assisting citizens in isolation in conveying groceries or remote assistance

Interested in assisting | Interested in volunteering

Israel Smart Cities Institute

Example: Smittestopp
案例：阻止新冠感染APP

➢ "Smittestopp" (contagion stop) app in Norway
挪威研发的**阻止新冠感染APP**

➢ Voluntary tracking of Bluetooth and GPS through cell phone
通过智能手机蓝牙和GPS跟踪

➢ If you are confirmed affected, your data will backtrack your movements and potential contagion events, to warn others that they have been in contact with "a person" that has been confirmed infected
如果确定注册者受到感染，感染者的数据将回溯到活动和潜在的传染事件，以警告其他人，他们已经与已确认感染的"某人"接触

NTNU

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

Transition towards urban sustainability through socially integrative cities in the EU and in China
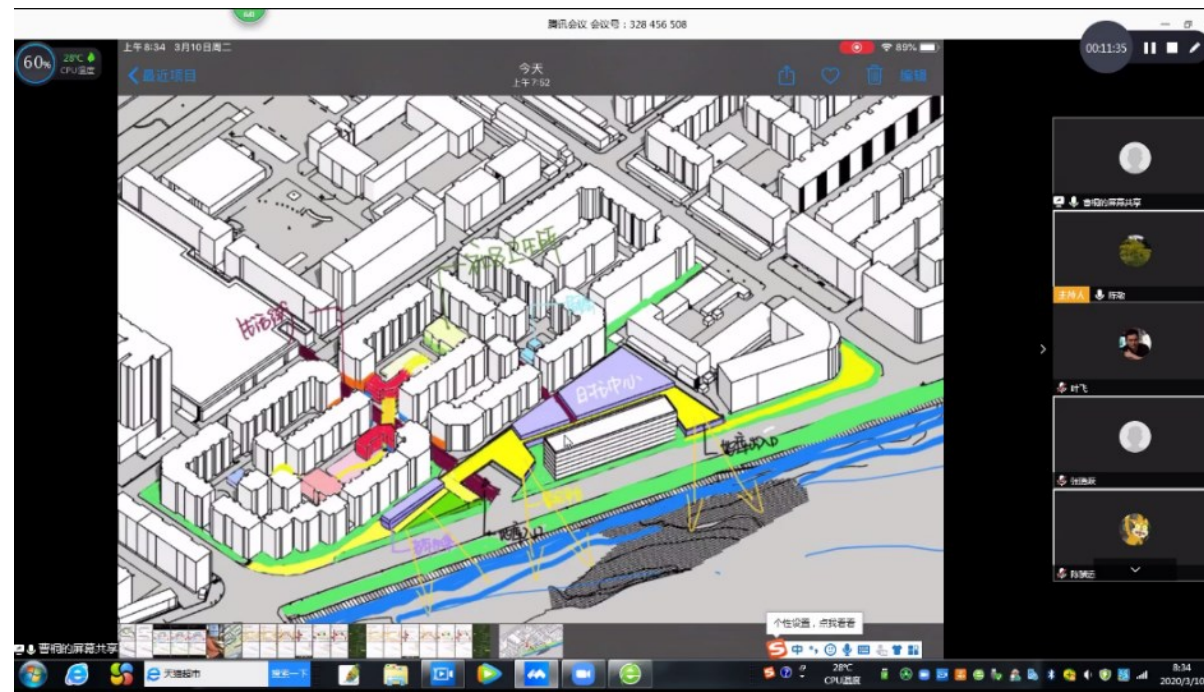
Example: Online teaching
实例：在线教学

➢ European universities and schools went in lockdown several weeks/months after Chinese peers
即中国之后欧洲的大学和中小学已经封校数周/月

➢ Use of Tencent meeting, Zoom etc for individual & group interaction
利用腾讯会议或者Zoom等在线会议软件与个人与群体联系

➢ Learning from each others' experiences (e.g., Norway – China)
相互借鉴

➢ How to move entire classes, guidance and exams to digital format? On-the-ground experience, do's & don'ts
如何将整个课程，指导和考试转换为数字化？

XI'AN UNIVERSITY OF ARCHITECTURE AND TECHNOLOGY

NTNU

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

TRANS-URBAN EU-CHINA
Research & Innovation on Urban Transition

Socially integrative cities in the age of COVID-19: longer-term responses
COVID-19时代的包容性社会城市：长期应对的措施

➤ Rethink citizen centered approaches in the most practical terms
从实际角度考虑以人为本的方式

➤ Creative confidence to reinvent urban wealth, health and welfare
重塑城市财富，健康和福利的创新信心

➤ Use the opportunity to build a more equal and inclusive (digital) world
借此机会建立一个更加平等和包容的（数字）世界

➤ Leave no one, and no place, behind
不要丢下任何一个人任何一个地方

➤ Transition towards resilient built environment & cities
向具有韧性的建筑环境和城市过渡

NTNU EURO CITIES Israel Smart Cities Institute

Learning from others
他山之石

➢ Live Learning Sessions

➢ For & by city leaders

➢ Expert Workshops

➢ Online database of stories

➢ Guidance documents

➢ Strategic research agenda

LIVE LEARNING EXPERIENCE: BEYOND THE IMMEDIATE RESPONSE TO THE OUTBREAK

Fourth Thematic Session – Digital Technologies and the COVID-19 pandemic.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

EUROCITIES

https://covidnews.eurocities.eu/

Live updates COVID-19

European cities respond to the coronavirus crisis

City news   City overviews   Forum   EU updates   Calendar   Contact

Bologna – activities for children

Bologna's Institution for Education and Schools (IES) has been offering online educational resources to families with children aged 0-6, to help and keep them entertained, educated and exercised without leaving the house. Since 25 March, the platform has collected a growing list coming directly from the working groups of the municipal nursery and kindergarten, as well as from Children's and Families' Centres (Cbf's): online suggestions and activities, indicatively divided by age groups (0-3 and 3-6) and for free access to all.

Search …

April 22 at 11:00 CET | **EUROCITIES webinar on the Fund for European Aid for the most Deprived, in times of crisis**

International Observatory on Participatory Democracy

https://oidp.net/en/covid19/page.php?id=42

ation, citizens strength their solidarity

Example: Towards resilience in urban planning in Wuhan – and across the world
实例：在武汉以及全球范围内提高城市规划的韧性

➢ Towards more human-oriented development
  向以人为本的发展转变

➢ Public buildings that are easy to transform
  易于改造的公共建筑

➢ More white / green space for emergency usage
  预留公共城市应急用地

➢ Small but fully-equipment communities
  小而全的社区营建

➢ Decentralised Community Governance
  去中心化的社区治理

➢ Sharing economy
  共享经济

WLSP

NTNU

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

**Will this help us move forward,
towards climate neutral cities & communities
that are also sustainable, resilient, safe & inclusive?**

这是否有助于我们朝着可持续，有韧性，安全和包容的气候中立城市和社区前进？

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

**Will this help us move forward,
towards climate neutral cities & communities
that are also sustainable, resilient, safe & inclusive?**

这是否有助于我们朝着可持续，有韧性，安全和包容的气候中立城市和社区前进？

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770141.

TRANS-URBAN-EU-CHINA

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

Socially integrative cities in the age of COVID-19

COVID-19时代的包容性社会城市

Presented by

Annemie Wyckmans, Norwegian University of Science and Technology

挪威科技大学

and

Bernhard Müller, Technische Universität Dresden

德累斯顿工大