CBS PROJECTS

PRESENT CBS RESEARCH PROJECTS & PROPOSALS

NETWORK OF FUTURE CITIES (2018 – PRESENT)
Building on different initiatives conducted over the past two years, we are setting up a Network of Future Cities that addresses and tackles governance and finance challenges in predominately European and U.S. cities. The principle idea is that Nordic city solutions can be tailored and translated to U.S. cities. For this to happen, we need a profound understanding of how Nordic cities govern and finance. The proposed Nordic city solutions include Copenhagen City & Port Development Corporation as a finance vehicle for urban development. Understanding how Danish pension funds play a pivotal role in financing large-scale urban infrastructure and building construction. Distinguishing how the collective power of municipal collaborative organisations can be used for leveraging political power and fiscal capacity through a deep dive study of Swedish Municipal Invest and Danish Confederation of Municipalities. Identifying the key enabling features of Helsinki test beds building on strong citizens engagement for prototyping urban solutions. The strong citizens engagement enhances co-creation of new and novel solutions.

The Network will be kept small to allow for deep conversations, knowledge exchange and cross-city collaboration. Currently, the Network counts six cities. The total number will not exceed twelve cities.

PROJECTS IN PIPE-LINE

EU Knowledge Alliance: Knowledge alliances are transnational and result-driven activities between higher education institutions and businesses. Our proposal is with IAAC in Barcelona, Spain, and University of Lorraine in France.

EXISTING EU FUNDED PROJECTS
EU H2020 RESEARCH PROJECT URBiNAT (2018 – 2023)
Regeneration and integration of deprived districts through healthy corridors as drivers for the co-creation of social and environmental nature based solutions in cities.

URBiNAT focuses on the regeneration and integration of deprived districts in urban development through nature based solutions (NBS), ensuring sustainability and mobilising driving forces for urban social cohesion. Specifically, URBiNAT focuses on "public space" and the creation of new urban, social and nature relations with and between different neighbourhoods. The neighbourhoods are in Porto in Portugal, Nantes in France, Sofia in Bulgaria, Brussels in Belgium, Siena in Italy, Nova Gorica in Slovenia, and Høje-Tåstrup in Denmark.

The project objectives are:
1) Create communities of practice for HEALTHY URBAN LABS and INCLUSIVE COMMUNITY OF PRACTICES
2) Achieve new models of urban development addressing Nature-Based Solutions for inclusive urban regeneration through an innovative public space and HEALTHY CORRIDORS
3) Implement an OBSERVATORY FOR URBAN INCLUSIVE AND INNOVATIVE NATURE

EU H2020 RESEARCH PROJECT CITIES 4 PEOPLE FOR URBAN MOBILITY INNOVATION (2017 – 2020)
The most recent initiative is also EU funded. It is a three-year research and innovation project that devises People-Oriented Transport and Mobility (POTM) solutions across five European cities building on a blend of new digital and social technologies under an inclusive approach. The aim is to propose solutions of low ecological footprint, a sharing mentality and the potential to solve real urban and peri-urban mobility issues.

The research focuses on the following challenges:
- **Oxfordshire** addresses underserved connectivity leading to a mismatch between job locations to residential areas.
- **Budapest** focuses on creating a better linkage between the city proper and its riverbanks providing green re-creational spaces.
- **Hamburg** is removing train tracks opening up a huge urban area of urban redevelopment and enabling new neighbourhood connectivity.
- **Istanbul** is challenged by large numbers of commuters on the Uskudar square deploying multiple modes of transport.
- **Trikala** is experiencing air pollution and traffic congestion in a busy marketspace.

https://www.cities4people.eu/

EU KNOWLEDGE ALLIANCE URBAN CHALLENGE PROGRAMME (2012 – 2019)
With EU funding, we are running a three-year initiative consisting of elective courses for graduate students focusing on the cross-disciplinary challenges cities face.

Each course is a collaboration between local universities, businesses and municipalities:
- **Edinburgh-Copenhagen Urban Challenge** examines local carbon emission policies and how cities are reducing CO2 emissions.
- **Hamburg-Copenhagen Urban Challenge** focuses on urban regeneration of deindustrialized harbours using the Public Asset Corporation as a finance vehicle.
- **Helsinki-Copenhagen Urban Challenge** uses big data to investigate and identify innovative urban mobility solutions.
- **Riga-Copenhagen Urban Challenge** investigates into retrofitting of publicly owned buildings in compliance with green building standards.
- **Rome-Copenhagen Urban Challenge** conducts a comparative study of urban farming and sheds light on how this impacts human well-being and increases urban liveability.

http://www.urbanchallengealliance.com

EU INTERREG PROJECT SCANDRIA MULTIMODEL TRANSPORT PARTNERSHIPS (2016 – 2018)
EU funded Interreg initiative investigates clean, multimodal transport that enables increased connectivity and competitiveness of the Berlin-Oslo corridor, while minimising negative environmental impact induced by transport. Our contribution to this initiative are proposals for multimodal transport partnerships across the entire supply chain, including identifying the costs and benefits of such partnerships.

FINISHED EU-FUNDED PROJECTS
EU SOCIAL FUND PROJECT GREEN INNOVATION IN CITIES (2011 – 2015)
Green Innovation in Cities was part of the EU funded initiative; Copenhagen Innovation and Entrepreneurship Lab. The project entailed Initiating and managing the progress of high complexity, knowledge intensive and trans-disciplinary educational projects on sustainable urbanisation across CBS, Technical University of Denmark (DTU) and University of Copenhagen (UCPH). The initiative ran in four consecutive years (2011-2015).

EU EXPERT GROUP NATURE-BASED SOLUTIONS AND RENATURING CITIES (2014 – 2015)


H2020 EXPERT EVALUATOR (2014 – PRESENT)
Expert evaluator at Horizon 2020 research proposals on sustainable urbanisation, Nature-Based Solutions and renaturing cities.

EU HDDP EU-CHINA PANELLIST (2012 – 2014)
Expert panel member for policy recommendations on the EU-China High Level People-to-People Dialogue (HPPD) set-up by DG - Education and Culture and the Chinese Vice-Premier.

FINISHED BROOKINGS INSTITUTION PROJECTS
Non-resident Senior Research Fellow • 2015-2017

BROOKINGS NETWORK OF FUTURE CITIES (2017 – 2019)
The Brookings Network of Future Cities (the “Network”) was established to deepen and accelerate urban problem solving in the world today. The Network will be a source of objective research on the most promising urban models of governance and finance that are emerging to tackle hard economic, social and environmental challenges and fuel investments in innovation, infrastructure and inclusion. A new branded series - Future Cities Solutions - would aim to speed the process by which solutions invented in one city are captured and codified and then adapted and tailored to other cities. Our research would also inform the policies and practices of national and state governments as well as global corporations, philanthropies and financial institutions.

Cities across the world face increasing demands at a time when public resources are under enormous pressure. Cities are plagued by outdated or inadequate infrastructure and underutilized areas. This has sent many cities searching for new vehicles for infrastructure finance given the inability of increasing taxes. Together with the Brookings Institution, we have published a report on the Public Asset Corporation as a new finance vehicle for urban redevelopment exemplified by Copenhagen City & Port Development Corporation. Together with La Fabrique, we are working on a comparative study of the Public Asset Corporation model across Copenhagen, Hamburg, Helsinki and Lyon. The full comparative study will be available from mid-September 2017.
Governing City Infrastructure (2015 – 2017)
This applied research is a joint project with Siemens Cities and Brookings Institution. It sheds light on how cities deliver large-scale transformative projects within sustainable urbanisation. The targeted cities are Hamburg, Manchester and Pittsburgh. The purpose is to understand the dynamics of city governance and finance in order to identify best practices that can be applied to other cities across Europe and the U.S.

https://www.brookings.edu/research/governing-city-infrastructure-who-drives-the-urban-project-cycle/

Cities and Refugees - The German Experience (2016 – 2017)
In collaboration with the Brookings Institution, we have investigated into how the 15 largest German cities tackled the distribution and immediate settlement of refugees. So far, we have shared our findings with numerous stakeholders, including the UN High Commissioner for Refugees, the World Bank and several national and city governments. The second research brief due in September concentrates on long-term settlement and labour market integration.

https://www.brookings.edu/research/cities-and-refugees-the-german-experience/

On-going Teaching
Teaching in Urban Governance & Finance, Circular Economy, Global Supply Chains and Partnerships and supervising several graduate students on their master thesis.

Advisory Board Positions
Cities-4-People; EU-founded research project on urban mobility innovation across five cities in Europe. The interventions encompass a blend of new digital and social technologies.

Eklipse; project dedicated to building an innovative and self-sustainable EU support mechanism for evidence-informed policy on biodiversity and ecosystem services;

Greentech Challenge; business incubator for green tech start-ups.

City Facilitators
EU EIT Climate-KIC Accelerator Programme (2016 – Present)
Assisting Copenhagen, Helsinki and Goteborg municipalities in the development of business accelerators, including identifying new business ideas, start-ups and urban innovation across Scandinavia. The propositions are tailored to the specific business and offerings of the accelerator, including partnerships and ideas for scaling. Together with Helsinki municipality, Noring is setting up a Nordic network of urban innovation labs consisting predominately of Climate-KIC existing and potential partner accelerators. The main objective is to identify and apply new and viable business models for climate-centric urban innovation labs. With solid business models, the Nordic network of urban innovation labs wants to engage in and strengthen global competition of climate solutions.

Realdania and Bloxhub (July 2016 – Present)
Bloxhub offers 500 workspaces for innovative companies within sustainable urbanisation. Bloxhub is Realdania and Copenhagen city’s initiative within business innovation development. Noring facilitates internationalisation through smart partnerships across Europe and the U.S. In addition,
Noring is mapping out the scope of the different types of partnerships and activities designated in the different partnerships resulting in a detailed implementation plan for internationalisation through partnering.

**EKLIPSE (JUNE 2017 – FEBRUARY 2018)**

This EU funded project develops a mechanism for supporting decision-making on the natural environment and resources based on evidence-based science. A strong expert network supports the mechanism and informs decisions on project funding propositions. City Facilitators conducts a solid business case for EKLIPSE focusing on the long-term economic sustainability of the mechanism and network. This includes running several interactive workshops with business stakeholders and experts. Luise Noring is a member of the EKLIPSE Business Advisory Board.