



# MORGENSTADT CITY INSIGHTS

## FINANCE IN THE SMART CITY

### **Challenges and Opportunities for Impact Investment**

A conference jointly hosted by  
The British Embassy in Germany,  
Fraunhofer Morgenstadt and LSE Enterprise

THE CONFERENCE

The "**Finance in the Smart City**" conference will bring together leading UK and German smart city experts, policy-makers, municipal leaders, financial institutions and industry stakeholders to explore innovative approaches to transformative municipal investment, smart urban and infrastructure finance, and the public/private co-operation of urban systems and services. The conference will be jointly hosted by the British Embassy in Germany, Fraunhofer Morgenstadt and LSE Enterprise.

RATIONALE

Current smart city strategies are aimed at the cross-sectoral integration and synergetic coupling of a range of infrastructure systems and urban services enabled by digitalization and advances in energy, materials and data technologies. While impressive progress is being made on innovating modular solutions for smart sustainable mobility, energy efficiency and substitution, smart responsive grids and digital services; and abundant capital is available for smart infrastructure investment, there is currently an implementation gap with regard to cross-cutting smart city business models and operational vehicles that can deliver fully integrated, scaled and sustainable smart city solutions. Current approaches are often functionally highly efficient in delivering against narrow sectoral targets such as energy efficiency but they are yet to unlock the systemic efficiencies and transformative innovation inherent to the smart city paradigm and strategies of sector-coupling. As a result, international and national infrastructure finance institutions have found it difficult to identify operational smart city projects and investment vehicles that can deliver integrated -

-transformation at scale, with systemic impact as well as sound and stable investment, public benefit and economic revenue propositions. There is an urgent need to advance from small scale and local demonstrators and pilot solutions to large-scale systems investment. This will require a sustained efforts by cities, industry and government to jointly develop robust and long-term operating and service models and arrangements that allow for innovative and shared use of public and urban infrastructures, the public-private coproduction of urban data, systems and services, and strategic investment to underpin these. Increasingly, this will also require risk management and insurance innovation as cities and industry face new liabilities regarding air quality or the operation of autonomous systems. Developing long-term stable investment pathways will require new strategies for managing, pooling and transferring such liabilities and risks to insitutional investment markets.

AGENDA

18 MAY 2017

18:00h Opening Session at Restaurant  
19:00h Joint Dinner

19 MAY 2017

8:45h	Registration & Welcome
9:00h - 12:30h	Presentations
12:30h	Lunch Break
13:30h - 15:00h	Workshops
15:00h	Coffee Break
15:15h	Presentation Outcomes
16:00h	Final Keynote

## SESSIONS

The conference will explore these themes in more applied detail in three thematic sessions focused on core areas of innovation:

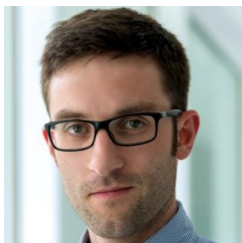
- **Leveraging Data Wealth:** Investing in Big Data and Public Digital Infrastructure
- **Risk Management and Urban Development:** Underwriting Innovation and Valorizing Public Health
- **Strategic Design:** Governing and Financing Public-Private Coproduction of Smart City Systems and Services.

## REGISTER

**Date** - 18/19 MAY 2017

**Venue** - ZVE, Fraunhofer IAO  
Nobelstraße 12, 70569 Stuttgart

## CONTACT



### Fraunhofer Institute for Industrial Engineering IAO

Petr Suska

Project Manager Morgenstadt  
Nobelstrasse 12, 70596  
Stuttgart

Phone +49 711 970-2198  
[petr.suska@iao.fraunhofer.de](mailto:petr.suska@iao.fraunhofer.de)

[www.morgenstadt.de](http://www.morgenstadt.de)