



# THE LAB

## 未来城市 领导力研究所

Leadership is critical to a great outcome, whether in design thinking, on a major construction site or in leading a city department. The Future Cities Leadership Lab (FCLL) has developed expertise and a training course across the architecture, design and planning disciplines that will give participants the basics to become a leader in the development of sustainable cities.

The unprecedented speed and scale of urbanisation in the first half of the 21st century has fundamental implications for urban development. From climate change to public health and social cohesion, food security and urban resilience, governments and municipalities around the world are increasingly concerned with the sustainable provision of food, water, energy, housing, transport and services to urban populations.

However, there is a lack of expertise, coordination and leadership in how to deliver on the New Urban Agenda. The FCLL is therefore working with stakeholders to improve international knowledge exchange and leadership in the area, offering expertise, strategic advice and relevant training courses (coaching and training for Senior Executive City Leaders).

Good leadership is always more than 'Management'. It is collaborative, entrepreneurial and visionary.

The FCLL is working to up-skill leadership capabilities of experts, architects and public servants in city and planning departments to make the transition to a more urbanised and climate-adapted world both sustainable and equitable.

We work as trusted change partner and our urban design services span across all stages and scales.

Our clients include city administrators, mayors, developers, universities, NGO's, community groups, public and private organisations.

## The Lab for Leadership in Sustainable Cities and Design: the FCLL

### VISION AND MISSION

*We are here for strategic leadership in the Future of Cities – we continue to transform and build on our strengths.*

*Cities need better Design Leadership to transform them towards sustainable and resilient urban futures.*

# OUR CAPABILITIES

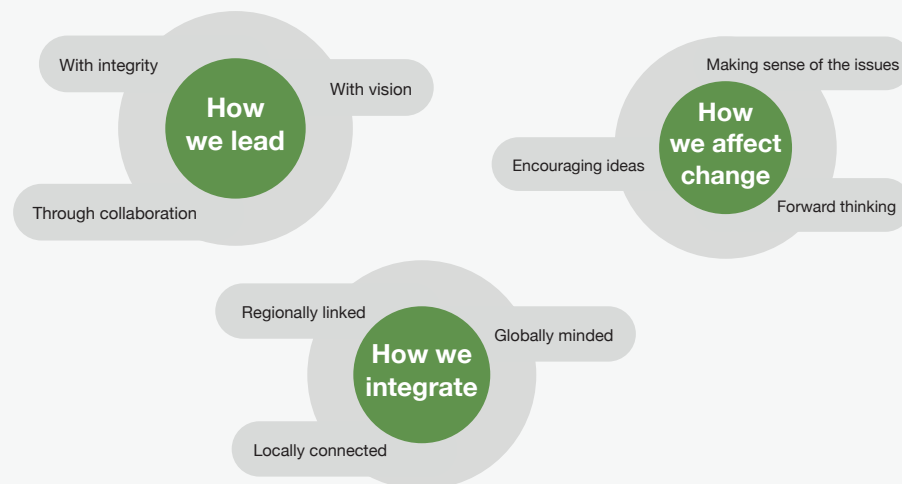
## Our Expertise is in these Areas:

- Training and Workshops
- Strategic Advice and Consulting
- Urban Research and Design

## WHAT WE DO

Professor Steffen Lehmann, an internationally renowned expert in sustainable cities, established the Future Cities Leadership Lab to facilitate consensus on how to resolve some of the key challenges facing cities – for a sustainable urban future, providing the leadership required to achieve the development goals.

The FCLL was created to address the critical challenges facing cities, particularly the question of how to sustain clean growth and the health of the environment, while up-skilling leadership capabilities and advancing urban development goals.



## Strategic Advisory Roles

We provide knowledge, advice and training for effective decision-making, strategic development and public engagement towards inclusive urban development and regeneration.

We develop strategies to support innovative leadership, urban policies and societal change in the design, development and governance of future cities, neighbourhoods and energy-efficient buildings.

We focus on connecting local ideas and global challenges with entrepreneurial solutions. The FCLL is working with municipalities, government, international organisations, industry and the private sector.

Our activities are carried out at the local & international level in the following four key areas:

- **RESEARCH AND INNOVATION** - Sustainable Cities' Analysis and Knowledge Creation
- **TRAINING AND EDUCATION** - Sustainable Cities' Knowledge Transfer
- **STRATEGIC ADVISORY ROLES** - Sustainable Cities' Concepts and Independent Decision Making Support
- **URBAN DESIGN** - Sustainable Cities' Design and Development Support

**Can. Lead. Do.**

## LAB DIRECTOR

Steffen Lehmann is a German-Australian senior academic in architecture and urbanism. He is a researcher, thought leader and strategic cities advocate dedicated to resolve social, environmental, economic and technological challenges that are redefining the operating system of cities this century.

The Future Cities Leadership Lab is working with a range of other eminent experts and involves them in consultancy and training courses as appropriate.

### City Advisory

Professor Steffen Lehmann has advised over a dozen cities on sustainable urban development, including: Berlin, Stuttgart, Dresden, Shanghai, Singapore, Sydney, Melbourne, Adelaide, Abu Dhabi, Ho-Chi-Minh City, Oslo and Helsinki. He was a consultant to Rio Tinto (Australia) and an External Advisor to UNESCO, UN-ESCAP and the Inter-American Development Bank (IADB) on sustainable urban development. The Minister for Planning NSW, The Hon Frank Sartor appointed him as member of the Reference Panel for the urban regeneration of Newcastle (NSW).



*Throughout my career, I was privileged to work on numerous high profile projects: I designed and built significant projects in historically important places, such as at Potsdamer Platz, Hackescher Markt and Pariser Platz in Berlin, generating lasting public value for cities and high-profile clients.*

*-- Steffen Lehmann*

# OUR RESEARCH

### Public Speaking and Invited Lectures

Steffen Lehmann has delivered over 80 invited keynote addresses at important conferences and symposia. Podcasts of his TEDx presentation and UN-HABITAT Urban Global Lecture are online, see:

<https://unhabitat.org/steffen-lehmann-transforming-the-city-towards-low-carbon-resilience/>

He has presented at more than 450 conferences in 40 countries and lectured at the top architecture and planning schools in the world. Since 1991, he has been involved in numerous urban projects, with activities in countries in Europe, the Asia-Pacific, Australia, the US, and the Middle-East.



Steffen Lehmann with the Lord Mayor of Sydney

### Member of International Competition Juries

Over the last 20 years, Steffen Lehmann has served as jury member for international, national and state awards, for organizations, such as the Senate of Berlin, the Royal Australian Institute of Architects, the Australian Housing Industry Association and other bodies, including:

- 2013** Siemens Green Technology Journalism Award 2013, Asia-Pacific Region, Singapore
- 2012** 'The Zero Carbon Challenge', Adelaide (appointed by LMC, SA Government)
- 2010** 'Hub-2-Hub', Singapore (appointed by the Urban Redevelopment Authority, URA)
- 2009** 'Harmony Point', HoChiMinh City (appointed by Municipality of HCMC)
- 2007** National Urban Design Awards 2007, Housing Industry Association (HIA), Sydney
- 2006** BlueScope Steel Glenn Murcutt Student Prize 2006
- 2006** 'Etihad Towers', Abu Dhabi (appointed by H.H. Sheikh S. Bin Moh'd Al-Nahyan)
- 2005** 'Wedding Pavilion', Brisbane Roma Street Parklands (appointed by Qld Government)
- 2004** Queensland State Awards of the Royal Australian Institute of Architects (RAIA)
- 2001** 'Leipziger Platz', Berlin (several competitions, appointed by Senate of Berlin)

## Urban Research and Design

Buildings, places and neighbourhoods are always designed in team work. They need to be enjoyable, resource-efficient and work well over time. This means that they have lasting qualities and make a positive contribution to their context and user-experience.

However, the biggest issue that stops cities from advancing their ideas or projects is the lack of leadership and commitment to the agenda. Gaining political and public buy-in is key to developing capacity and skills within any city council to initiate and deliver sustainable city projects at scale and to develop capacity within (federal, state or local) government, and to enable the change of 'siloed' departments.

## Strategic Leadership

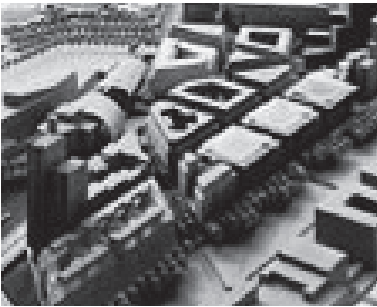
Steffen Lehmann is a strategic leader and has led groups of over 120 academics, re-positioning large and complex groups of people. He is the former UNESCO Chair for Sustainable Urban Development in the Asia-Pacific and has published over 18 books.

# LEADERSHIP

## Research Leadership

Before establishing the interdisciplinary FCLL, Steffen Lehmann has been Founding Director of 3 successful new research centres at universities, in the UK and in Australia:

## Leadership in Urban Regeneration



Steffen Lehmann was in charge of large urban regeneration projects in Germany, Australia and China, leading the strategic design and development of complex inner-city renewal. Some of these complicated urban developments took over ten years to be built, including:

- From 1993 to 2003, Steffen Lehmann was involved with his practice as one of the lead architects of the Potsdamer Platz development (Daimler site) in Berlin. He worked from the initial concept plans to completion and was in charge of buildings C2 and C3. This work involved close masterplan coordination with architects Renzo Piano Building Workshop and numerous other interest groups. In the 1990s, this was Europe's most important construction site.

- From 1994 to 2002: Steffen Lehmann led the urban regeneration of the area South of Hackescher Markt in Berlin, including the urban design of the Quartier an der Museumsinsel, the introduction of the light railway station and the headquarters of the Bundesverband Deutscher Banken and the Deutscher Gewerkschaftsbund.



**The complexity of urban systems and the global sustainability challenges that society is facing requires inter-and transdisciplinary research that combines context-sensitive approaches to inform integrated solutions.**



- From 2006 to 2011: Steffen led the urban renewal of the city centre of the city of Newcastle (NSW, Australia), which included the removal of 2.5km heavy railway line that separated the city centre from the waterfront, and the introduction of a new light railway system. The masterplan's implementation took until 2019, with the opening of new Wickham terminus station in 2017.