

Future of Cities

A Forum for Regenerative Urban Development

HAMBURG 2013

DRAFT AGENDA

Future of Cities A Forum for Regenerative Urban Development

4th – 7th September 2013 – Hamburg, Germany

* = confirmed

Wednesday, 4th of September

7:00 pm

Evening Reception

*Michael Braungart, Founder, Cradle to Cradle

Thursday, 5th of September

9:00 – 11:00 am

Opening Ceremony

In a rapidly urbanising world the design of cities determine the future of our planet. The world's ecosystems have been badly damaged and we urgently need to reverse this trend. **Cities must go beyond sustainability to truly regenerative development:** not only becoming resource-efficient and low carbon emitting, but positively enhancing rather than undermining the ecosystems on which they depend. Creating parameters for appropriate action will involve both political and business decisions with a spectrum ranging from transnational, to national and to urban levels of decision making. It involves drawing up novel legal and governance frameworks and addressing the profit logic of companies involved in natural resource extraction. **Policies are needed to set parameters for and foster regenerative urbanisation.** This forum seeks to catalyse a multi-stakeholder dialogue about opportunities and barriers in and for cities to become future-just and regenerative habitats.

Moderator *Stefan Schurig, Director Climate and Energy, World Future Council

Speakers

Welcome Jutta Blankau, Senator, Urban Development and Environment, City of Hamburg

Keynote *Dr Benjamin Barber, Author, 'If Mayors Ruled the World'

Vision: Regenerative City *Herbert Girardet, Co-Founder, World Future Council

11:00 – 11:30 am

Tea and coffee break

11:30 am – 1:00 pm

Think Tank Sessions on Urban Sectors

Regenerative cities mimic nature's circular metabolism and operate in a closed-loop system that transforms waste outputs into inputs of value. Regenerative cities dramatically reduce their dependency on fossil fuels, boost the deployment of renewable energies, reintroduce

World Future Council

Future of Cities

A Forum for Regenerative Urban Development

HAMBURG 2013

water to the hydrology cycle and make sewage reprocessing and nutrient capture a central plank of urban waste management. There are multiple opportunities as well as barriers for each urban sector. However, **real solutions already exist**. In three parallel think tank sessions experts and entrepreneurial leaders from a variety of fields showcase cities that have already taken first steps towards a regenerative city. In the interactive think tank sessions participants will discuss how these cities have achieved a circular metabolism in certain sectors and what benefits have resulted from the transformation. The debates will lead to **concrete policy recommendations** that enable other cities, regions and countries to multiply the success.

Think Tank Session 1 (speakers: 10 min each)

Which cities have taken first steps towards becoming regenerative and how? What were the rate limiting factors?

Focus: Energy	Focus: Water Management	Focus: Food and Agriculture
<i>Moderator to be confirmed</i>	<i>Moderator to be confirmed</i>	<i>Moderator</i> *Marielle Dubbeling, Director, Resource Centres on Urban Agriculture and Food Security
<i>Speakers</i>	<i>Speakers</i>	<i>Speakers</i>
1. *Danielle Murray, Renewable Energy Program Manager, Department of the Environment, San Francisco, US	1. Dr Kala Vairavamoorthy, Dean, Patel School of Global Sustainability, University of South Florida, US	1. *Dr Cecilia Rocha, Director, School of Nutrition, Ryerson University
2. *Hans Joergen Koch, Deputy State Secretary, Ministry for Climate and Energy, Denmark	2. *Sanjay Prakash, Principal Consultant, Sajay Prakash and Associates, India	2. *Miguel Salcines, President, Organopónico Vivero Alamar, Cuba
3. Holger Lange, Councillor for Environment, Ministry of Urban Development and Environment, City of Hamburg, Germany	3. Dr Kees van Leeuwen, Chair, Water Management and Urban Development, KWR Watercycle Research Institute, The Netherlands	3. *Dr Joe Nasr, Curator, Carrot City – Designing for Urban Agriculture

1:00 – 2:00 pm Lunch

2:00 – 3:30 pm Think Tank Session 2 (speakers: 10 min each)

Which cities have taken first steps towards becoming regenerative and how? What were the rate limiting factors?

Focus: Transport and Mobility	Focus: Waste Management and Zero Waste Approaches	Focus: Energy Efficiency and Buildings
<i>Moderator</i> Carlos Pardo, Founder and Executive Director, Despacio	<i>Moderator</i> *Sabine Drewes, Heinrich Boell Foundation	<i>Moderator</i> *Rob McMonagle, Senior Advisor, The Green Economy, City of Toronto, Canada
<i>Speakers</i>	<i>Speakers</i>	<i>Speakers</i>
1. Daniela Rosca, Head of Unit,	1. *Enzo Favoino, Chair, Technical	1. *Mili Majumdar, Director



Future of Cities

A Forum for Regenerative Urban Development

HAMBURG 2013

Clean Transport and Sustainable Urban Mobility, European Commission	Committee, Zero Waste Europe	Sustainable Habitat, TERI, India
2. Gong Huiming, Programme Director, Transportation, China Sustainable Energy Program	2. *Muna Lakhani, Founder and National Co-ordinator, Institute for Zero Waste in Africa, South Africa	2. *Dr Ernst Weizsäcker, Co-Chair, International Panel for Sustainable Resource Management
3. <i>to be confirmed</i>	3. *Mette Skovbjerg, Project Manager, Kalundborg Symbiosis, Denmark	3. *Dr Ray Galvin, Department of Architecture, University of Cambridge, UK

3:30 – 4:00 pm Tea and coffee break

4:00 – 6:00 pm **Plenary: Panel Discussion – Measuring Progress: Indicators for a Regenerative City**
Think Tank Sessions Reports

Case studies from around the world have proven to that there are solutions to transform our cities into regenerative systems. However, the challenge remains in translating plans into tangible actions, and setting up indicators that will reflect their progress towards success, considering the specific conditions and socio-cultural environment of cities. In order to see regenerative urbanism as a coherent policy goal, its progress needs to be measured. In order to measure, verify and report progress towards a regenerative city there is strong need for indicators to act as tools in quantifying a city's performance. In this panel discussion experts will discuss existing MRV approaches and tools following the overall goal to suggest an internationally applicable procedure for regenerative cities.

Moderator to be confirmed

Speakers

1. *Dr Harry Lehmann, Federal Environment Agency (UBA), Germany
2. *Sebastian Winkler, European Director, Global Footprint Network
3. *Sylvie Spalmacin, Vice President, Smarter Cities, IBM
4. *Stephane Dupas, Project Manager, Energy Cities

7:00 – 9:00 pm Reception and Networking Event at IBA
Keynote: *Uli Hellweg, IBA

Friday, 6th of September

9:00 – 10:00 am **Keynote** *Jan Gehl, Founder, Gehl Architects
*Flemming Borreskov, CEO, Realdania

10:00 – 11:30 am **Think Tank Sessions on Urban Structures**
Apart from transforming each urban sector, a regenerative city calls urban planners, civil engineers and managers, in close cooperation with the general public, to create spatial and

World Future Council

Future of Cities

A Forum for Regenerative Urban Development

HAMBURG 2013

social structures that satisfy the needs of city people whilst also assuring their ecological and economic resilience. Cities have long been engines of opportunity, creativity and vitality. How do future cities continue to fulfill this promise in an increasingly global and rapidly urbanizing economy? How can they connect all citizens to opportunities while ensuring environmental stewardship and economic development? **Urban structures need to be adjusted to facilitate a regenerative city.** In three parallel think tank sessions experts will develop concrete policy recommendations and showcase best practices on how spatial planning, social inclusion and an urban economy can facilitate the transition towards a regenerative city.

Think Tank Session 3 (speakers: 10 min each)

How do spatial planning/ social inclusion/ the economy facilitate a regenerative city? What are the necessary structural changes? What are the main rate limiting factors?

Spatial Planning	Social Inclusion: Transforming Cities with All Citizens	Investments into a Regenerative Urban Economy
<i>Moderator</i> *Kerwin Datu, Editor-in-chief, The Global Urbanist	<i>Moderator</i> *George McCarthy, Director, Ford Foundation	<i>Moderator</i> *Gregory Unruh, Director, Lincoln Center for Ethics in Global Management
<i>Speakers</i>	<i>Speakers</i>	<i>Speakers</i>
1. *Michael Schwarze-Rodrian, Director of European and Regional Networks, Regional Association Ruhr, Germany	1. *Luis Fragomeni, Former President, Institute for Research and Urban Planning, Curitiba, Brazil	1. *Rainer Scheppelmann, Deputy Head, Coordination Centre for Climate Issues, Ministry of Urban Development and Environment, City of Hamburg, Germany
2. *Fatima Shah, Senior Urban Specialist, World Bank	2. *Maria Orejas, European Foundation Centre, League of Accessible Cities	2. *Eugenio Leanza, Head of JESSICA and Investment Funds, European Investment Bank
3. Bassam Al-Mannai, Senior Urban Planner, Msheireb Properties	3. *Angela Glover Blackwell, President, PolicyLink, US	3. *Dr Maximillian Martin, Global Managing Director, Impact Economy

11:30 am - 12:00 pm Tea and coffee break

12:00 - 1:00 pm **Panel Discussion: Think Tank Sessions Reports**

1:00 - 2:00 pm Lunch

2:00 - 3:00 pm **Debate: Communication**

Achieving a transformation of our cities requires participation as an integral element. **Communication is hereby the heart of change.** It is a goal in itself as well as an enabler of development. In this interactive interview experts take a holistic view of communication processes and discuss strategies to integrate communications into urban development planning and implementation. Tools and approaches for a multi-stakeholder process will be discussed.

WorldFutureCouncil

Future of Cities

A Forum for Regenerative Urban Development

HAMBURG 2013

Moderator *Shauna Sylvester, Executive Director, Carbon Talks, Canada

Speakers

1. *John Rossant, Founder and Chairman, New Cities Foundation
2. Casper Harboe, Programme Director, Sharing Copenhagen 2014, Denmark

3:00 – 4:30 pm

Panel Discussion on Governance:

Regenerative urbanisation is rapidly gaining recognition as a key concept for future-proofing urban development. Case studies from around the globe have shown that a wide range of technical, management and policy solutions towards a Regenerative City are already available today. But so far implementation has been too slow and too small: We need **appropriate national, regional and local policy frameworks and coherent governance systems** to retrofit our cities.

Panel Discussion on Governance

How do we ensure integrated governance structures (vertical and horizontal) and public participation in order to achieve a regenerative city? How can collaborations accelerate systems transformation of cities?

Moderator *Nicholas You, Chair, UN-Habitat World Urban Campaign

Speakers

1. *Margaret Zziwa, Member of Parliament and Speaker, East Africa Legislative Assembly, Uganda
2. *Nicky Gavron, Former Deputy Mayor of London, UK
3. *Farrukh Moriani, Independent Consultant

4:30 – 5:00 pm

Tea and coffee break

5:00 – 6:00 pm

Closing Session

History shows that cities have faced and overcome great challenges in the past. Now it is our turn to imagine what is possible for city of our future. What is the vision for cities in 2030 and how do we make it feasible?

Moderator *Stefan Schurig, Director Climate and Energy, World Future Council

Speakers

1. *Thais Corral, Co-Founder, Women's Environment and Development Organization, Brazil
2. *Jörn Walter, Chief Planning Director, Ministry of Urban Development and Environment, City of Hamburg, Germany
3. *Peter Droege, General Chairman, World Council on Renewable Energy

Saturday, 7th of September

10:00 am

IBA Excursion

World Future Council