

# Annual report 2011



# Table of Contents

Director's View .....	4
Vision .....	5
2011 in Brief .....	6-7
Highlights 2011 .....	8-9
FAIR, GREEN, DENSE Cities .....	10-11
Joining Forces to Meet Urban Challenges .....	12-13
Gothenburg .....	14-21
Results Pilot Projects .....	16
Multilevel Governance .....	17
A City Structure Adapted to Climate Change .....	18
Urban Empowerment .....	19
Business-driven Sustainable Urban Development .....	20
Urban Games .....	21
Cape Town .....	22
Kisumu .....	23
Greater Manchester .....	24
Shanghai .....	25
Urban Futures Arena .....	26-27
The Consortium .....	28-29
Publications .....	30-31
Who are we? .....	32
Financial Statement .....	33

Mistra Urban Futures Annual Report 2011  
Published by Mistra Urban Futures  
Edited by Björn Malbert, Jan Riise, Jenny Sjödin and Ingrid Winblad.  
Graphic design: Frank & Earnest  
Printed by: Printus

Cover photos: Lars Lilled, Merritt Polk, University of Salford, Ulrike Rahe,  
Jenny Leonard, Göran Assner, Harris Kadic

Mistra Urban Futures  
Chalmers University of Technology  
SE-412 96 Göteborg, Sweden  
Visiting address: Aschebergsgatan 44, Göteborg, Sweden.  
Phone: +46 (0)31 772 49 56  
E-mail: [mistraurbanfutures@chalmers.se](mailto:mistraurbanfutures@chalmers.se)  
[www.mistraurbanfutures.se](http://www.mistraurbanfutures.se)



# Director's View

**A substantial challenge in sustainable urban development research and practice is to develop a number of competences needed to gain new insights. These should be transformative rather than incremental, and transdisciplinary rather than focusing on a specific subject. The capacity for systemic thinking is a key asset.**

This is something of which I, as well as many others, have personal experience. Let me just give one example. One billion people live in impoverished and in many cases life-threatening circumstances in urban slums. Projects and plans for improving access to water or schools provide some help, but a real solution might require regarding the situation as a systemic issue. Suppose improving urban policies would be a more powerful measure? Or creating better governance capacity?

Mistra Urban Futures will present knowledge and convincing evidence on such issues. When it does, I will be satisfied that the Center is 'making a difference' - a real difference.

This is just one of the reasons why I accepted the challenge of joining Mistra Urban Futures as the center's Director on May 1, 2011. Since leaving Kenya and UN-Habitat, my learning curve has had to be steep.

So much had already been done during the start-up phase of Mistra Urban Futures, conceptually and through the Pilot Projects, as well as in defining the second generation of projects. Work on the Strategic Plan for 2012-2015 was underway with many people involved. Later during the year the focus was on the Center Operational Plan - COP 2012.

At the end of 2011, the Gothenburg Platform was well underway. Our current focus is on upgrading our management capacity, further developing our five Platforms, launching several cutting-edge projects and also establishing the International Urban Futures Arena.

“

*What if improvement of urban policies would be a more powerful measure?”*

LARS REUTERSWÄRD



“

*The vision of Mistra Urban Futures is to increase capacities to transform current, unsustainable urban development pathways to more sustainable urban futures in the global South and North.”*

# 2011 in Brief

During 2011 Mistra Urban Futures was established as a complete organization, with a research program being developed in parallel with the requisite administrative support. Significant intellectual and practical efforts were put into the rather complex, two-year build-up phase, which posed a number of important challenges.

### New Director

Professor Lars Reuterswärd was appointed Director of Mistra Urban Futures in May 2011 and the recruitment of core staff and the administrative support structures will be finalized during the first quarter of 2012. Mistra Urban Futures is currently in the final stage of transitioning from the phase of establishing a Center to operating and delivering its first full program of activities.

### Strategic Plan

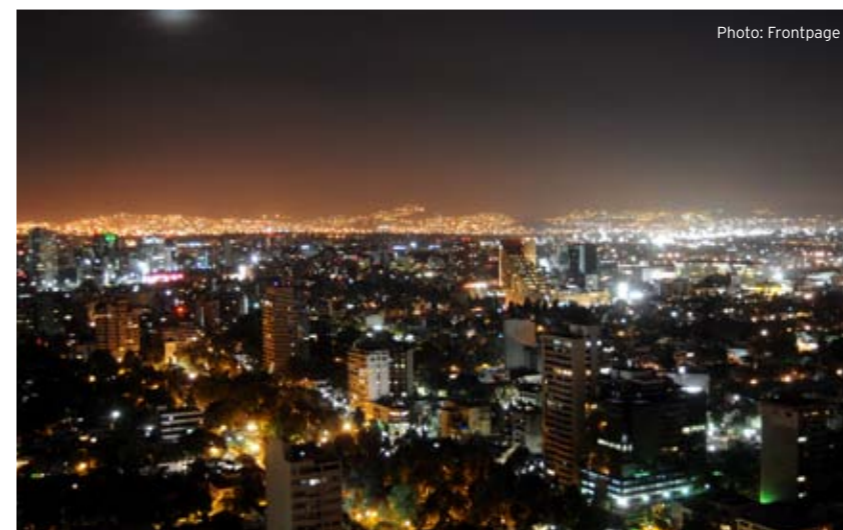
In November 2011, the Mistra Urban Futures Strategic Plan for 2012-2015 was presented. This was the result of an extensive internal working process, in which international partners, consortium partners and associated partners were important contributors. The plan includes a substantive focus on FAIR, GREEN and DENSE Cities; Change Support areas Modes and Tools; and a structure with five Local Interaction Platforms (LIPs), an international Urban Futures Arena and a Headquarters for general management.

### Local Interaction Platforms

The Gothenburg LIP was established with a community involving more than a hundred people. The platforms in Greater Manchester and Cape Town have launched pilot projects which form the basis for developing partnerships for long-term cooperation and publication of results. In Kisumu, highly committed actors are forming the intellectual and organizational foundations for the LIP. The activities in Shanghai and the establishment of a formal organization got underway during fall 2011.

### Pilot Projects

The pilot projects in Gothenburg have been finalized, with outputs in the form of policy and academic reports as well as conference papers and poster presentations. The experiences and outcomes of the pilot projects form the basis for initiating and managing new projects for transdisciplinary research and practice development. A number of such projects were formed in Gothenburg in 2011 through an intensive project-idea generation process, as well as at the other Local Interaction Platforms.



### QUICK FACTS

Mistra Urban Futures was established 2010. Its Headquarters is located in Gothenburg, Sweden and the center operates in five cities in the world, namely Cape Town, Gothenburg, Kisumu, Greater Manchester and Shanghai. Local Interaction Platforms (LIPs) in each city contribute local expertise and knowledge production. The initiative to establish the center was taken by the research foundation Mistra which issued a call for proposals. The Gothenburg Consortium submitted the winning application. Soon after Gothenburg was awarded the grant, Mistra and the Consortium made an additional agreement with the Swedish International Development Cooperation Agency (Sida) that it would join the initiative as a co-funder.

### FUNDERS:

Mistra - The Foundation for Strategic Environmental Research

Sida - The Swedish International Development Cooperation Agency

Consortium:

- Chalmers University of Technology
- City of Gothenburg
- IVL Swedish Environmental Research Institute
- Region Västra Götaland
- The County Administrative Board of Västra Götaland
- The Göteborg Region of Local Authorities (GR)
- University of Gothenburg

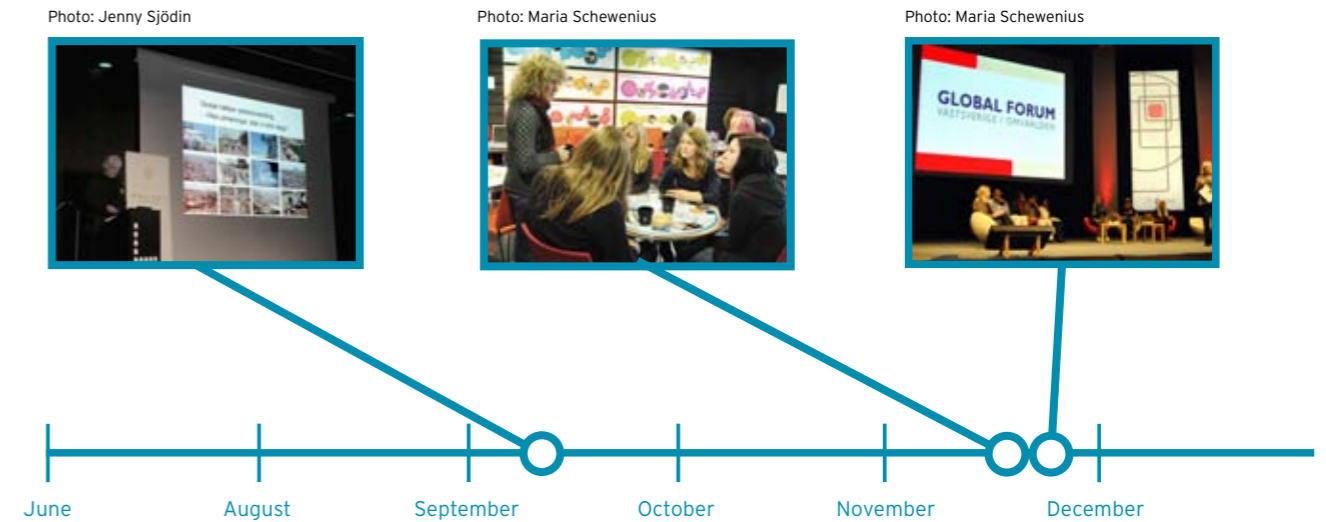
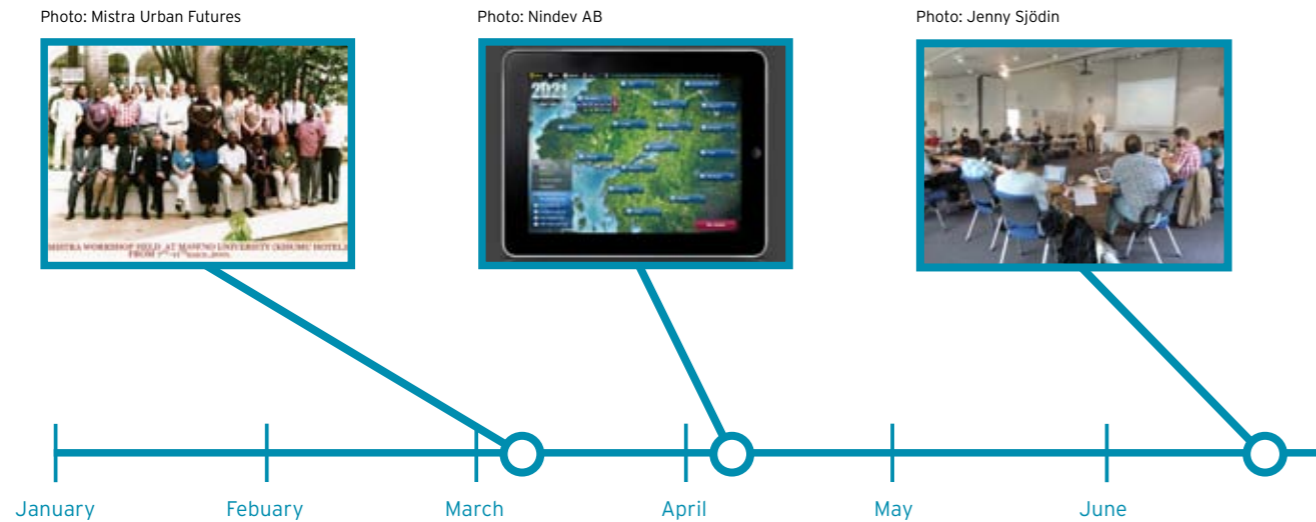
### INTERNATIONAL PARTNERS:

- Cape Town, South Africa - ACC, African Center for Cities.
- Gothenburg, Sweden - The Consortium and Associated partners.
- Kisumu, Kenya - Maseno University, Bondo University College & Kisumu Action Team (KAT).
- Greater Manchester, United Kingdom - SURF, Center for Sustainable Urban and Regional Futures, Salford University.
- Shanghai, China - College of Architecture and Urban Planning (CAUP) and College of Design & Innovation, Tongji University.

### ASSOCIATED PARTNERS IN GOTHENBURG:

- SP Technical Research Institute of Sweden
- White
- The Swedish Transport Administration
- Swedish National Board of Housing, Building and Planning

# Highlights 2011



**21 January 2011, Future Cities, Future Citizens:** Mistra Urban Futures together with Global High School in Gothenburg talks about the visit to World Expo 2010 in Shanghai.

**6-10 March 2011, Platform meeting:** Mistra Urban Futures 3rd International Local Interaction Platform meeting is held in Kisumu.

**28 March 2011, Lecture:** Mistra Urban Futures in cooperation with Transition Sweden, Effekt, and Ekocentrum arranges an open lecture with Nicole Foss about the finance and energy crises era.

**5 April 2011, Project ideas:** An invitation to submit project ideas for 2012 and onwards was issued and over 70 ideas were received. Five ideas were considered the most interesting and were further developed during the fall.

**1 May 2011, New Director:** Lars Reuterswärd assumes his position as Director at Mistra Urban Futures. The news is picked up by several newspapers.

**4-13 May 2011, Ipad App:** Pilot project Urban Games Ipad application 2021 is launched. The game is developed in cooperation with the Göteborg City Museum and Chalmers University of Technology. 500 junior high school students play the game during two intense weeks.

**16 May 2011, Lecture: Cuba** - Unique Solutions to Urban

Challenges, Dania González. Organized in collaboration with the City of Gothenburg, Administration for Allocation of Social Welfare.

**22-25 May 2011, Poster award:** IWA Cities of the Future 2011, Stockholm. Pilot project A City Structure Adapted to Climate Change's poster "Climate Change Adaptation of Frihamnen: Visualising Retreat, Defend, and Attack" wins the award for best poster.

**7-9 June 2011, Platform meeting:** Mistra Urban Futures 4th International Local Interaction Platform meeting is held in Gothenburg. Significant milestones regarding the Strategic Plan 2012-2015 are decided.

**20 June 2011, Matchmaking:** In cooperation with IQ Samhällsbyggnad - A Swedish Centre for Innovation and Quality in the Built Environment, a matchmaking event is held about Vinnova's call for Sustainable and Attractive cities.

**26 August 2011, Media attention:** Pilot project A City Structure Adapted to Climate Change presents their preliminary results. The results are featured in the major newspaper in Gothenburg, Göteborgs Posten.

**5-16 September 2011, National event:** Sustainability Certification of Urban Areas. Seminars are held in Umeå, Norrköping, Stockholm, Malmö, and Gothenburg, and an international seminar is held in Malmö. The event is arranged in cooperation with Sweden Green

Building Council, CMB Centre for Management of the Built Environment, WSP, Peab, White, IVL Swedish Environmental Research Institute, and the Delegation for Sustainable Cities as well as other local partners. Over 800 people participate.

**10-11 November 2011, Meeting and field trip:** Mistra Urban Futures hosts the Delegation for Sustainable Cities meeting and arranges a field trip in Gothenburg to visit the projects that has received funding from the Delegation.

**15 November 2011, Strategic Plan:** Mistra Urban Futures Strategic Plan for 2012-2015 is finalized.

**21 November 2011, International event:** Mistra Urban Futures participates together with Stockholm Resilience Center and SWEESD at Global Forum in Gothenburg. Students from Kisumu, Cape Town, Gothenburg, Stockholm, and Bangalore presented their views about the city in relation to water. Lars Reuterswärd took part in the panel together with among others Sida's Director-General Charlotte Petri Gornitzka. Over 600 students took part in the event.

**22 November 2011, Future Cities, Future Citizens:** The 2nd Future Cities, Future Citizens event is held in Gothenburg. Students from Kisumu, Cape Town, Gothenburg, Stockholm, and Bangalore discussed their views of the city in a workshop and joined a water-related guided tour of Gothenburg.

**28 November to 9 December 2011, COP17 in Durban:** Cape Town Local Interaction Platform participates at COP17 in Durban.

**7 December 2011, Event:** All five pilot projects at the Gothenburg Local Interaction Platform present their final results.

## PLANNED HIGHLIGHTS FOR 2012

- Urban Lunch-time, monthly lunch seminars.
- Presentations of the pilot projects' results targeting politicians, January and March.
- Platform meeting: Mistra Urban Futures 5th International Local Interaction Platform meeting in Manchester, March.
- Round table meeting at Stockholm+40, April.
- Networking events at World Urban Forum 6, September.
- Study visits at 56th IFHP World Congress Gothenburg 2012, September.
- Arena Sustainable City, November.

# FAIR, GREEN and DENSE Cities

Global population growth is estimated to peak around 2080, with around 9 billion people inhabiting Earth. Two thirds of all these people will live in cities. These numbers are staggering, but in essence they mean that we both need to build new cities for 3 billion people and rebuild and upgrade existing cities to house the remaining 3 billion.

This prospect brings with it a series of far-reaching challenges. Future cities need to be interactive, dynamic and just to deliver quality of life to all urban citizens. They also need to be efficient, synergetic and robust to overcome resource scarcity, environmental degradation and global risks such as climate change.

FAIR, GREEN and DENSE Cities: Mistra Urban Futures focuses on these three features of future cities. What do they look like? How can we create them?

“  
Two thirds of all people will live in cities.”

**FAIR** Cities are socially inclusive, allowing all inhabitants to take full advantage of shared urban functions and structures. A challenge is to transform exposed residential areas into dignified, safe, healthy and prosperous neighborhoods. How can unfair urban structures and driving-forces of development be changed to provide universal access to livelihood opportunities? In what ways can cultural diversity, innovation, and social entrepreneurship be stimulated? Is prosperity possible without economic growth?



**GREEN** Cities tackle global resource scarcity, environmental degradation and global risks. A major task is to simultaneously deal with diffuse global risks and concrete local dilemmas. What do “closed-loop,” “resource-smart,” or “low-carbon growth” cities look like? Can urban production and consumption be decoupled from resource depletion and environmental degradation, while neutralizing existing social inequalities? What are the relevant constraints and barriers and what types of social and technical innovations would play key roles?



**DENSE** Cities are about equitable access to urban qualities. New neighborhoods cannot continue to sprawl out over unsafe locations and areas of natural value. On the contrary, proximity and scale are preconditions for innovative urban practices. This is not simply a matter of dense building mass or population. Cities need to become denser when it comes to access to resources, services, culture, greenery, meeting places and decisionmaking. How can we facilitate such a more dynamic, integrative, and constructive approach to urban density? How should DENSE cities be shaped so as not to endanger urban ecosystems or encroach on socio-cultural space?

Finally, as all urban actors play key roles for transforming existing cities into FAIR, GREEN, and DENSE Cities, we ask: what forms of empowerment, dialogue, partnerships, capacity-building, institutional structures, finance mechanisms, and forms of governance are needed?

# Joining Forces to Meet Urban Challenges

**How can researchers and practitioners work together to address urban challenges? Opportunities to develop sustainable cities are significantly increased if researchers and practitioners work together to formulate questions and seek solutions. Different spheres of activity must meet to make this happen. Joint knowledge production is needed.**

A set of guidelines for joint knowledge production were developed and tested through the five Pilot Projects in Gothenburg. The process and the relevance of the results for both research and practice were evaluated.

## Forum for Mutual Learning

A forum for mutual learning, where both the center staff and project leaders met monthly, supported the pilot project process. As the year progressed, these meetings increasingly focused on the challenges of producing useable and effective outputs from joint knowledge production. This included performing joint analyses and developing strategies for effective communication and dissemination of project results.

## Benchmarking

During 2011, an international benchmarking study of different approaches to joint knowledge production included a preliminary mapping in Kisumu and Cape Town. Center

researchers also participated in a series of conferences organized by the International Interdisciplinary and Transdisciplinary Network, where presentations of center activities continued to attract strong interest from leading researchers in Europe, the USA and Australia.

## Results

The preliminary results indicate that joint knowledge producing processes, which include active participation from practitioners and researchers, create insights and competences regarding complex urban issues that are not found in traditional sector- or discipline-based approaches. The results are useful for both parties. There is a strong desire among the Consortium partners to participate in such transdisciplinary projects in the future. At the same time, experiences gained during the year also indicate that the project initiation process must be conducted with great care to achieve the desired results.



Photo: Tom Grill

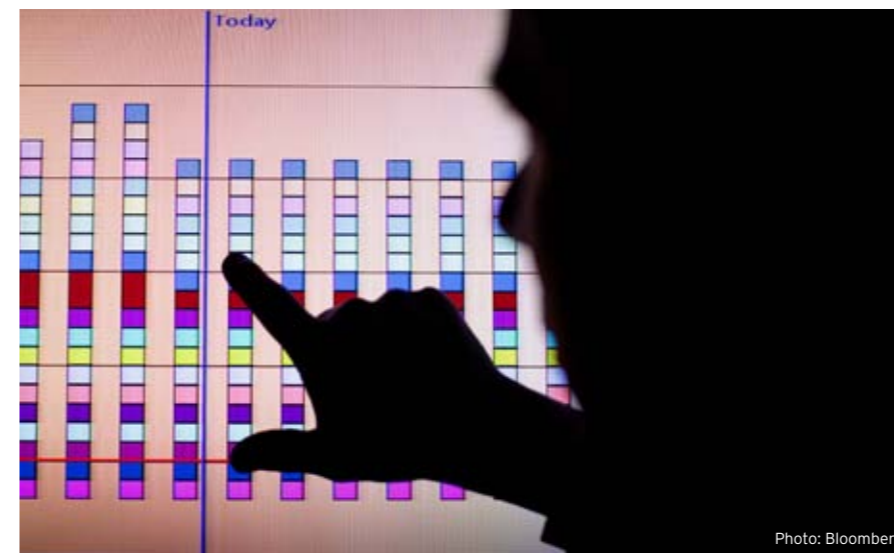


Photo: Bloomberg



Illustration: Monica Billger and Beata Stahre



Photo: Jan Olof Yxell



Photo: Jenny Stenberg



Photo: Hiroshi Watanabe

## DURING 2011:

- Guidelines for the joint production of knowledge were developed, tested and evaluated.
- A literature seminar critiqued and discussed the center's upcoming anthology on joint knowledge production.
- The preliminary results regarding the joint production of knowledge were presented at an international conference.
- Work began on a number of papers on the experiences and evaluations of the pilot projects; these will be published in scientific journals in 2012.
- The development of a quality and monitoring system for shared knowledge production began and will continue in 2012.

The work with Joint knowledge production will continue during 2012 and onwards in the Modes and Tools Change Support activities at the Center.

# Gothenburg

Gothenburg, with its 500,000 inhabitants, is the hub of West Sweden and the main logistics center of Scandinavia. As a port city located by the sea, Gothenburg faces significant challenges posed by extreme weather conditions and climate change impacts, in addition to problems relating to socio-economic inequalities and segregation.

The Gothenburg Local Interaction Platform, like all LIPs, is a separate structure from the Headquarters and the UF-Arena. The LIP has a solid foundation which was built during 2010-2011. Despite this, the Consortium still plays a salient role for the center as a whole.

Ms Ann-Louise Hohlfält was appointed Head of Gothenburg LIP in 2011. The initial work has focused on developing the organizational structure in relation to the Consortium Council. So far this has concerned operational issues such as budgets, contracts and securing co-financing for the center.

### Local and Regional Priorities

On a strategic level, the Gothenburg LIP has been involved in developing local and regional priorities within the Focus Areas FAIR, GREEN, and DENSE Cities. Local and regional aspects have been linked to the global level by developing existing international partnerships within the Consortium. The Gothenburg LIP's connections with public partners are strong and to further strengthen and expand the networks of researchers from the universities and associated partners is a priority in 2012.

### Project Ideas

In spring 2011, the center invited stakeholders to submit project ideas for 2012 and onwards. More than seventy proposals were received. Five ideas were selected as being the most interesting and were further developed in various ways during the fall. In a parallel process, the Consortium partners have developed project ideas within the Focus Area FAIR Cities.

### Pilot Projects

Five pilot projects were carried out during 2010-2011 and are presented in more detail on pages 16-21. Furthermore, the Gothenburg LIP served as a catalyst in the creative phase of two other research projects, Interplace and ClueE, both funded by the Swedish Research Council Formas.

### Interplace

The aim of Interplace is to produce transdisciplinary knowledge about the role of citizen initiatives in local governance and how current design and planning practices may be improved to utilize these initiatives as resources for sustainable urban development.

### ClueE

Collaborative learning for urban energy Efficiency, ClueE, is a research project that combines law, economics, policy analysis, behavioral science, and technology to explore local processes that promote energy efficiency in older publicly owned residential buildings.

### RiverCity Gothenburg: Learning through Formative Evaluation

In 2010, a task force was formed to develop a vision and strategies for a large-scale urban waterfront development project in Gothenburg. The project River City and its output, progress and external environment are analyzed on an ongoing basis, through an approach that is called Formative evaluation (with continual feedback).

## ACTIVITIES AND PROJECTS 2012

- Cities as Value Networks
- ClueE: Collaborative learning for urban energy Efficiency
- Dialogue Processes Promoting Positive Urban Change
- Formative Evaluation 3K
- Interplace
- Knowledge and Modes/ Tools for Fair and Socially Sustainable Cities
- Low Carbon Transitions and the Good Life
- Planning in Dialogue - a Formative Study in a Swedish Context
- RiverCity Gothenburg: Learning through Formative Evaluation
- Sustainable Densification



# Results Pilot Projects

## EXPERIENCES FROM THE PILOT PROJECTS

The five pilot projects at the Gothenburg LIP have provided a great deal of first-hand experience regarding how joint knowledge production occurs in practice in five different substantive areas within urban development. Within these areas, over the course of a year and a half, each of the pilot projects has produced three types of results: a practitioner report, scientific articles and a chapter outlining first-hand experiences of joint knowledge production for a center anthology.

Two of the five pilot projects have also produced different types of policy and planning input in the form of a website, local processes and activities, a network platform, a film and planning and educational tools. During 2011, the pilot projects presented their work in local and national forums in Sweden and received national media attention; furthermore, in 2012 they will attend a number of international and national conferences. Thus far, the pilot projects' results have attracted a great deal of interest in the wider civil administration and political arenas in Gothenburg.



Illustration: Structure Image, The Göteborg Region Association of Local Authorities (GR)



Photo: City of Gothenburg - City planning authority



Photo: Jenny Stenberg



Photo: Helena Davidsson

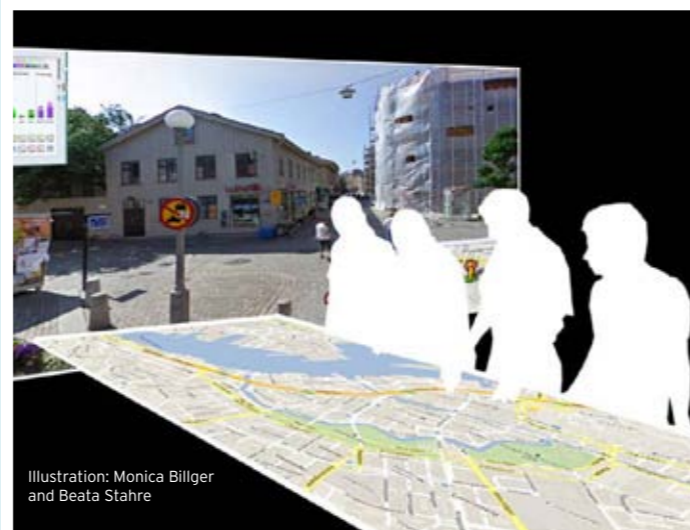


Illustration: Monica Billger and Beata Stahre

# Multilevel Governance: Decision-making Processes for Sustainable Urban and Regional Development

**Due to its complexity, sustainable urban development poses great challenges for local and regional policy making and management. Various forms of collaboration are often seen as central to meeting such challenges.**

The goal of this pilot project has been to study different innovative processes and thereby be able to determine success factors for collaboration and learning.

### Innovative Processes

In Sweden, a number of innovative multi-level and cross-sector governance processes have been initiated for sustainable urban development. These have included both the political and civil administration spheres. Different levels of public policy and management have been incorporated into collaborations with other stakeholders to transform ideas into policies, goals and actions. The project has analyzed four such innovative processes in the Gothenburg region and in Malmö.

### Success Factors

The project team carried out a series of workshops to study the processes, with a total of 80 key actors participating. A number of success factors have been identified:

- You have to keep the history of the collaboration process alive.
- The history of the process can be a way to highlight that there are different opinions about what has happened and what is happening.

- If you want to foster a collaborative process, it is important to give it a name. The name seems to have a unifying function.
- It is important to allow informal processes and to support these.
- It is important that organizations make good use of individuals with a broad network.
- Collaboration processes should have a clear ending date, although at the same time it should be possible to start new processes.

### Deliverables

The deliverables of the pilot consist of the policy report "Governance: steering through cooperation - A study of multilevel governance and cross sector collaboration in Gothenburg and Malmö" and three scientific papers.

“

You have to keep the history of the collaboration process alive.”



Photo: City of Gothenburg - City planning authority

## A City Structure Adapted to Climate Change: Scenarios for Future Frihamnen

This pilot project examined how three climate adaptation strategies, attack, retreat and defend, can be used in the planning and development of the free-port area in Gothenburg. The focus was on how the district's planned buildings can be modified to withstand rising sea and river levels.

The project produced illustrations of the three climate adaptation strategies and used workshops and focus groups to develop decision-making support for both practical and scientific purposes.

### Consequences

The practical results consist of a balanced assessment and report on the effects of the climate adaptation concepts of attack, retreat and defend on the sustainable development of the free-port area, i.e. their resulting economic, social and ecological consequences.

### Sustainability as a Starting Point

A scientific article produced as part of the project, "Climate adaptation and sustainability strategies for a waterfront development," argues that climate adaptation must be based on sustainability values rather than the other way around. The article furthermore developed five new

strategies for climate change adaptation in urban districts:

1. Consonance with Nature
2. Waterfront Heritage
3. A Liveable City
4. Adaptation for Sustainable Building
5. Branding Adaptation and Sustainability

### Decision-making Support

The results will contribute to strategic decision-making support for the City of Gothenburg as well as other cities with regard to plans for climate adaptation and the identification of conflicting objectives relating to climate adaptation.

This pilot project has attracted considerable media attention in Sweden and a poster presentation was awarded first prize at the International Water Association's "Cities for the Future" conference poster competition.

Attack



Retreat



Defend



Illustrations: Sweco

## Urban Empowerment: Cultures of Participation and Learning

The pilot project Urban Empowerment addressed one of the most critical urban challenges of today, namely how social and economic exclusion as well as socio-spatial segregation can be resolved in exposed urban areas. Instead of seeing stigmatized areas as intrinsically problematic, this project explored alternative paths to positive urban change by investigating the potential of increased citizen participation and empowerment in local urban development processes.

The overall aim was to develop civic and institutional capacity-building processes directly linked to changes in the study area. The project has worked closely with citizens in Hammarkullen, an exposed urban area in Gothenburg, Sweden, and has initiated or been actively involved with ten capacity-building processes linked to different activities.

### Capacity-building Processes

The support and engagement that the capacity-building processes have generated can be seen as the primary and most tangible result of the project. However, the workings of these capacity-building processes have also been analyzed, leading to critical reflection and theory development on how such processes best can be implemented and supported. On a broader scale, society needs to undergo a form of change, tentatively called institutional transformation, which may be considered the social counterpart to the generally accepted concept of environmental transition.

### Deliverables

The project's results are available in different formats and include the following deliverables:

- The ten capacity-building processes
- Impact on the City of Gothenburg budget for 2011
- Physical artifacts to be constructed in 2013
- Impact on the employment profile of a new facilitator in the City of Gothenburg
- The website [www.urbanempower.se](http://www.urbanempower.se)
- The conference "From Integration to Urban Planning"
- A scientific paper that was presented at the 4th World Conference on Educational Sciences in Barcelona and will be published in the journal Procedia - Social and Behavioral Science
- Eight applications for future research funding, two of which have been accepted at the time of this writing.

The project has worked with ten capacity-building processes in Hammarkullen, Gothenburg. All are shown in the illustration to the right. One of them, Hammarpark - A Democracy Project, involved elementary school children at Emmaskolan who designed a playground. Even though the plans to build the playground were postponed, the children completed their work and marched to the community center to present their ideas to the local housing corporation.

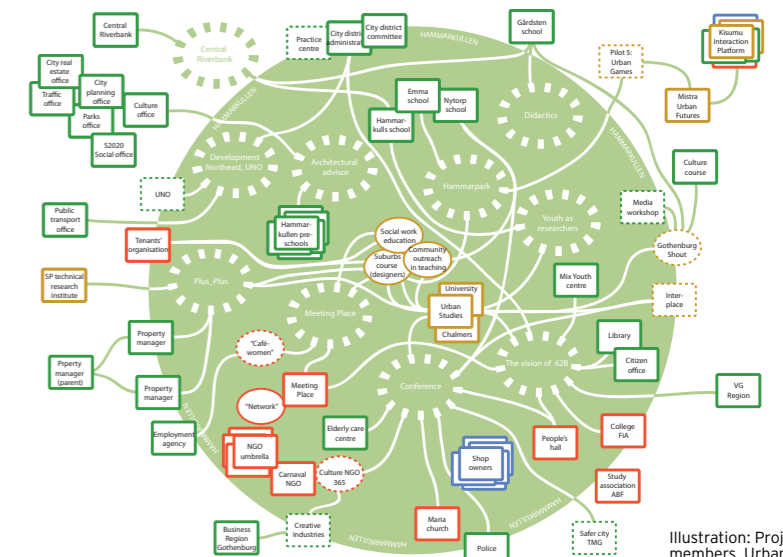


Illustration: Project members, Urban Empowerment.



Photo: Jenny Stenberg



Photo: Ellen Blåberg



Photo: Jenny Stenberg



Photo: Helena Davidsson



Photo: Kaisa Svenberg



Photo: Helena Davidsson



Photo: Kaisa Svenberg



Photo: Helena Davidsson

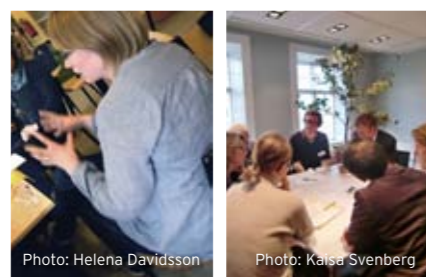


Photo: Helena Davidsson



Photo: Kaisa Svenberg



Photo: Kaisa Svenberg

## Business-Driven Sustainable Urban Development

This pilot project investigated how urban development can be facilitated by closer and earlier interaction with the business community when planning, building and retrofitting urban areas. The objective was to define how the region, city and municipalities can streamline and improve processes of business-driven sustainable urban development.

The strategy was to gather experiences and competences from various actors. Stakeholder meetings for public planning officials, business community representatives and local and regional politicians were held. Barriers to and opportunities for harnessing businesses to promote sustainable urban development were identified.

### New Markets for Sustainable Solutions

The results of the project show that there is great potential for businesses as well as public officials and politicians to utilize new and existing arenas and processes for larger and more effective business involvement in sustainable urban development. Businesses' ideas, competences and

innovations can be used more efficiently. The final product will then possess characteristics that would not have been possible without this collaboration. Through collaboration there is also an improved capability to develop new markets for sustainable solutions. By creating structures for showcasing sustainable solutions, it is possible to help drive urban development through increased sales, export volumes and local employment.

### Deliverables

The project has produced the policy report "Business-Driven Sustainable Development - Good Examples and Potential." A scientific article is under production.

## Urban Games

The pilot project Urban Games has explored the use of gaming and visualization in urban transformation processes. Existing projects and applications in this area were mapped out in an international perspective. Approximately 900 schoolchildren and 100 urban planners, interaction designers and researchers participated in workshops, meetings and game tests.

### Ipad Game Available on App Store

The project has tested existing games and designed concepts for new games based on crucial dilemmas defined in the Gothenburg region. New digital and analogue games were produced, such as the Ipad game "2021 - Build your own Göteborg," that was released on Apple's App Store in January 2012. It was developed for Göteborg City Museum to provide insight into sustainable urban transformation and serve as a basis for discussion for 13-16 year olds. This kind of game works very well for generating better understanding of planning processes and broadening people's perspectives.

### Dialogue Tool for Urban Planning

Urban Games, the Swedish Transport Administration, and the City of Gothenburg have jointly developed a digital

dialogue tool for urban planning. The process emphasized the fruitfulness of developing "lightweight visualizations" with a low user-threshold, as well as the importance and difficulty of including tools for evaluation.

### Scientific Results

Urban Games has formulated research problems and submitted two abstracts, one of which has been accepted for the international conference Planet under Pressure to be held in March 2012. Together with a broad range of stakeholders, the project has furthermore jointly submitted four applications for funding to realize a visualization platform focusing on transportation and urban complexity.



Creation and illustration: Nindev AB



## Cape Town

**Cape Town is the second largest city in South Africa with some 3.5 million inhabitants and is constantly growing. Its status as the most popular tourist destination in Africa - and an important biodiversity "hotspot" - is in stark contrast to its persistent socio-geographical and governance challenges.**

### ACTIVITIES AND PROJECTS 2012

- CityLab Programme
- Knowledge Transfer Programme

The Cape Town Local Interaction Platform is managed by the African Centre for Cities (ACC) at the University of Cape Town. Professor Gordon Pirie was appointed during 2011 to enhance the ACC's capacity. Dr. Zarina Patel was appointed in 2011 as Head of Cape Town LIP.

#### CityLab Programme

Activities during 2011 included negotiations with the City of Cape Town regarding a Knowledge Transfer Project and the City's joining of the ACC "CityLab Programme" as a partner. This project focuses on the co-production of knowledge by researchers and practitioners on key themes relating to urban sustainability. The connection to Mistra Urban Futures is important for the continued development of the program, not least relating to the FAIR, GREEN and DENSE Cities focus areas.

#### Embedding Researchers

The Knowledge Transfer project aims to develop innovative ways to meet the challenges facing the city, e.g. by embedding four PhD researchers within city departments for periods of up to seven months during each of three years. At the same time, city employees will be sent to ACC for two months at a time to document practical knowledge within Mistra Urban Futures' areas of interest.

The Cape Town LIP participates in the development of African linkages, including joint seminars and activities with the Kisumu LIP. Furthermore, the sister city agreement between Gothenburg and Port Elizabeth will be of strategic importance to the LIP, although the focus for now is on establishing the LIP in Cape Town.

## Kisumu

**A port city situated at the edge of Lake Victoria, Kisumu is Kenya's third largest city, with more than half a million inhabitants. The city plays an important role in the country's transportation system, not least as a hub for a large rural population and economy. Rapid urbanization, environmental degradation and poverty are some of the challenges facing Kisumu.**

### ACTIVITIES AND PROJECTS 2012

- Ecotourism
- The Dynamics of Periodic Market Places in Kisumu Municipality

The Kisumu Action Team, KAT, was established by the Kisumu Municipal Council in 2008. Mistra Urban Futures' Kisumu LIP has operated under the umbrella of KAT, but is in the process of being transformed into a legal entity of its own.

#### Pilot Projects

Within the context of climate change, environmental conservation and poverty alleviation, two key pilot projects have been initiated for the promotion of FAIR, GREEN and DENSE cities:

- Ecotourism
- Marketplaces

Furthermore, a number of significant obstacles and constraints to sustainable urban growth have been identified through consultations with stakeholders; these include poor urban planning, inadequate

infrastructure and services, degraded urban environment, urban poverty and pandemic diseases.

The Kisumu LIP participated in a workshop in October 2011 to further strengthen the network and to develop the mutual benefits for the stakeholders in the LIP.

#### Strong Local Connections

The Kisumu LIP enjoys significant support from Bondo University College and Maseno University, as well as from the Municipal Council of Kisumu, with Professor Stephen G. Agong, Bondo (also chairman of KAT), and Professor George Mark Onyango, Maseno, and several others as leading members. Furthermore, the Kisumu LIP is supported by the Swedish Trade Council, ORGUT and scientific experts from Chalmers University of Technology.



Photo: Matt Thompson



Photo: University of Salford



Photo: Matt Thompson



Photo: Matti Hämäläinen



Photo: Ulrike Rahe



Photo: Ulrike Rahe



Photo: Ulrike Rahe

## Greater Manchester

**Greater Manchester is a city-region of many contrasts, facing old and new challenges. Development is tightly connected to its industrial heritage, whilst emerging economic sectors are in areas such as media and creative industries or green technologies. The region has 2.6 million inhabitants.**

### ACTIVITIES AND PROJECTS 2012

#### • Mapping the Urban Knowledge Arena

Activities:

1. Feasibility and Focus Reports
2. Knowledge for Sustainability
3. Sustainable Research Practices
4. Knowledge Management: Social Media and the Role of IT
5. Sustainable Stories
6. Networking the GM LIP

Greater Manchester has taken up the challenge of addressing climate change. Since 2009 it has been designated as the UK's first Low Carbon Economic Area for the Built Environment and has launched a city-regional Climate Change Strategy. Yet traditional problems persist: a poor and ageing infrastructure, rising unemployment, deprived communities and socio-economic inequalities.

#### Memorandum of Understanding

Greater Manchester comprises ten local authorities, including Salford where the platform is physically located. A major achievement in 2010 was the signing of a Memorandum of Understanding between Salford University and Chalmers University of Technology which paved the way for the development of the platform.

The LIP is co-funded by Mistra Urban Futures and the University of Salford and is managed by the Centre for Sustainable Urban and Regional Futures (SURF). In 2011 Dr Beth Perry was appointed as Director of the LIP with support from Dr Mike Hodson.

#### Pilot Activities

A broad network of partners has been established, through which three priorities have been identified: Integrate, Upscale and Innovate. This network has shaped the development of pilot activities in 2011 to explore how the knowledge and skills of different partners can contribute to achieving a sustainable city-region. Six pilot activities were launched in January 2012.

The pilot activities will map the urban knowledge arena through feasibility and focus reports; mapping existing knowledge; exploring new ways of working with partners, including using digital technologies; gathering and exhibiting sustainable stories; and networking the LIP. The pilot activities will also shape collaborative flagship projects and integrated actions for 2012-2015.

Outputs are academic and user-oriented: for example, a panel debate on "In Search of the Sustainable City," organized in March 2012, as part of National Climate Week.

## Shanghai

**Shanghai is the vibrant and quickly growing financial and economic center on the east coast of China, with almost 20 million inhabitants. The city faces huge challenges such as how to manage rapid urban growth, environmental degradation, the creation of a multi-center structure and social sustainability.**

The Mistra Urban Futures Local Interaction Platform in Shanghai is partly based on existing collaboration and agreements between Chalmers University of Technology and Tongji University. During 2011, an educational platform for cross-border projects and interdisciplinary interaction was established and named Future Urban Transportation.

#### Involving Businesses

A management structure for the Shanghai LIP, including the continuous presence of Chinese researchers at Mistra Urban Futures in Gothenburg, has been organized. Furthermore, several significant steps have been taken regarding the involvement of leading Swedish and Chinese businesses as local consortium and research partners.

Professor Siegfried Wu has been appointed head of the platform, and office and meeting

facilities have been arranged on campus. Until the local platform in Shanghai is established, Professor Ulrike Rahe at Chalmers University of Technology provides support to the program development.

#### Projects

Projects for 2012 have been initiated within the areas of Municipal Solid Waste Handling, Mobility/Access and the Ageing Population. A PhD and a post-doc position have been arranged and researchers selected.

The existing sister-city agreement between Shanghai and Gothenburg forms a significant part of the ongoing development of the Shanghai LIP, giving valuable access to policy-makers and planning authorities in both cities. This is expected to further expand the network of partners, international and local, of the Shanghai LIP in 2012.

### ACTIVITIES AND PROJECTS 2012

- Age Barrier-free Road Transport Infrastructure
- Inclusive Design for Shanghai Buses
- Municipal Solid Waste Handling
- Urban Access and Incontinence Products

# Urban Futures Arena

The five Local Interaction Platforms, LIPs, are the core of Mistra Urban Futures' knowledge production activities. Here, locally specific learning takes place, both within the Platforms and in their particular city-regional contexts. The Urban Futures Arena, UF-Arena, will produce more generic urban knowledge that is excellent, relevant and effective for promoting FAIR, GREEN and DENSE Cities.

What is distinct about the UF-Arena, as compared to the Center as a whole, is that it supports knowledge exchange and learning across the Platforms and, most of all, that it focuses on comparative learning and synthesizing meta-learning.

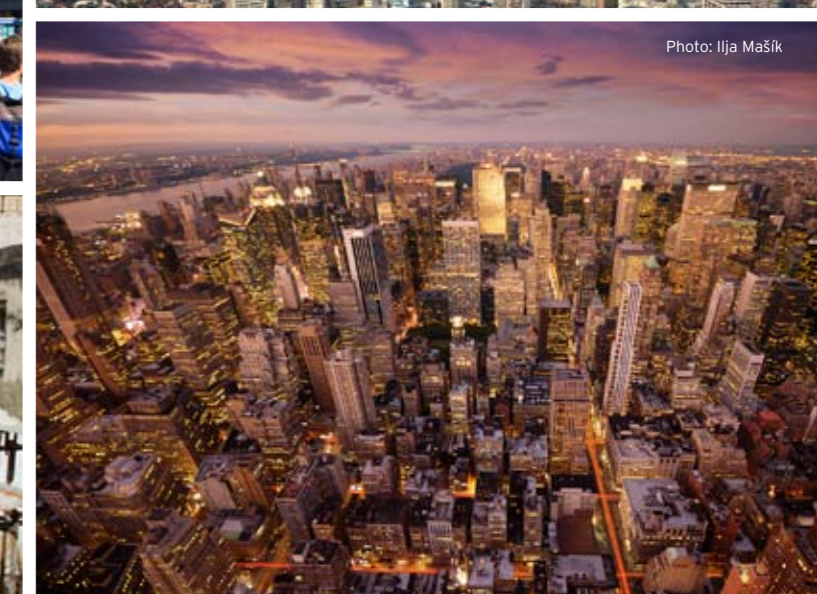
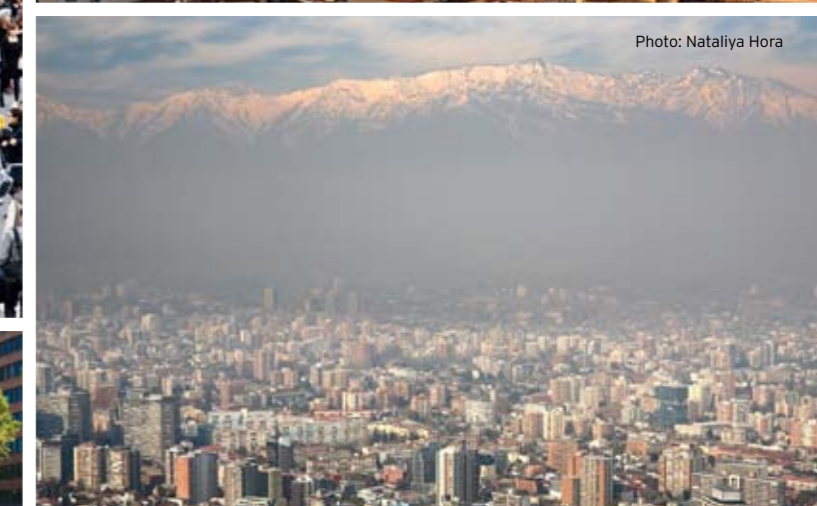
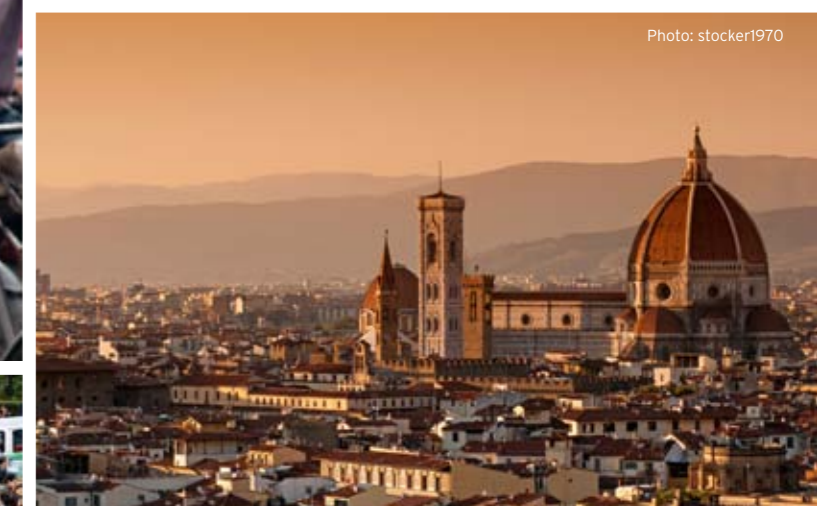
## The UF-Arena will engage in:

- Trans-local learning between local experiences, e.g. through direct knowledge exchange between local projects and activities.
- Comparative learning across the Platforms (and other knowledge producing activities) organized in a collaborative and systematic manner, e.g. through comparative projects involving two or more Platforms.
- Synthesizing meta-learning based on outputs from the two types of learning methods mentioned above, as well as on other sources of knowledge and experiences.

The UF-Arena will also promote education in relation to such knowledge, representing and disseminating knowledge and learning to external policy, practice, and academic audiences in order to support urban change and demonstrate the distinctiveness of the center.

## ACTIVITIES AND PROJECTS 2012

- Benchmarking Methods and Tools for Visualization, Communication and Learning for Sustainable Urban Futures in Göteborg
- Closing the Loops on Urban Resource Flows
- Governance, Policy and Knowledge in Urban Sustainability
- Learning from Joint Knowledge Production: Project Handbook and Research Results from the Pilot Projects in Göteborg
- Research School in Sustainable Urban Development
- SEVS2: Safe Efficient Vehicle Solutions
- Skillful Facilitation of Transdisciplinary Knowledge Development: Lessons from Experienced Practitioners of Collaborative Strategic Change Methods.
- Trans-local Learning between Practitioners for Sustainable Urban Development: Experiences and Outcomes in Göteborg and Port Elizabeth
- Urban Empowerment: Citizens Participation in Housing Design: Cross Learning between LIP's Göteborg and Kisumu
- URBAN NEXUS
- URBES - Urban Biodiversity and Ecosystem Services



Annual report

# The Consortium

**The Consortium in Gothenburg is made up of seven partners, consisting of four public bodies and three research and educational organizations.**

## CHALMERS UNIVERSITY OF TECHNOLOGY

Chalmers engages in research and teaching within technology, the natural sciences, design, and architecture. In addition to a traditional university structure, there are eight crosscutting clusters (Areas of Advance), bringing together education, research and innovation to successfully meet the needs of society and contribute to a sustainable future. These include: Built Environment, Energy, Information and Communication Technology, Life Science, Materials Science, Nanoscience and Nanotechnology, Production, and Transport.

[www.chalmers.se](http://www.chalmers.se)

## THE CITY OF GOTHENBURG

The City of Gothenburg is the main local political authority in the consortium and works with many activities and processes that are instrumental to sustainable urban development such as comprehensive planning, creating a local environmental quality standard, transportation, consumption, economic growth and segregation. The City has municipally owned land in all parts of the city, both in the downtown area and on the outskirts of the city, offering a unique opportunity to formulate demands on contractors and lead the transition to a more sustainable urban development.

[www.goteborg.se](http://www.goteborg.se)

## THE COUNTY ADMINISTRATIVE BOARD OF VÄSTRA GÖTALAND (THE GOVERNOR'S OFFICE)

The Governor's Office is a national government authority with regional jurisdiction. It includes a multi-sector range of activities and is charged by the government to promote national policy objectives on the regional level by working across sector divisions and taking into consideration all stakeholders' interests. It coordinates the actions of all public agencies in the county.

[www.lansstyrelsen.se/vastragotaland](http://www.lansstyrelsen.se/vastragotaland)

## THE GÖTEBORG REGION ASSOCIATION OF LOCAL AUTHORITIES (GR)

GR is a collaborative political platform for the 13 local governments that constitute the Gothenburg functional urban region. It is a voluntary organization for inter-municipal political cooperation and an important arena for governmental activities. GR focuses on such issues as: regional planning, environment, traffic, job market, welfare and social services, competence development, education, and research.

[www.grkom.se](http://www.grkom.se)

## IVL SWEDISH ENVIRONMENTAL RESEARCH INSTITUTE

IVL is a relevance driven research institute with six thematic units: Sustainable Building, Climate and Energy, Air and Transport, Resource-efficient Products and Waste, Water, and Sustainable Production. It is a meeting place for business, research and public communities and involved in the development, implementation and dissemination of both practical and policy solutions to environmental problems.

[www.ivl.se](http://www.ivl.se)

## REGION VÄSTRA GÖTALAND

Region Västra Götaland is the directly elected body on the regional level. Its assignment is to provide efficient, high quality healthcare as well as promote growth and sustainable development. Six percent of the budget is allocated to work on growth and sustainable development, while a further seven percent is assigned to public transport. In collaboration with its 49 municipalities, trade and industry, universities, university colleges, authorities and organizations, Region Västra Götaland is tasked with the development of a more competitive Västra Götaland.

[www.vgregion.se](http://www.vgregion.se)

## UNIVERSITY OF GOTHENBURG

The University of Gothenburg has approximately 38,000 students and 5,900 employees. It is one of the major universities in northern Europe. The university's roughly 40 different departments cover a broad spectrum of disciplines. In relation to Urban Futures, some especially prominent research areas and centers are: democracy and public opinion, cultural heritage, globalization, and the Centers for Urban Safety and Societal Security, and Urban Studies.

[www.gu.se](http://www.gu.se)

# Publications

## PEER-REVIEWED ARTICLES IN SCIENTIFIC JOURNALS

### Universities and Cities: Governance, Institutions and Mediation

Beth Perry  
*Built Environment*, 37:3, pp.245-260. 2011.

### Towards a research and action agenda on urban planning/ design and health equity in cities in low and middle-income countries

Smit W, Hancock T, Kumaresen J, Santos-Burgoa C, Sánchez-Kobashi Meneses R and Friel S  
*Journal of Urban Health* 88(5): 875-885. 2011.

### Grazing response in the vegetation communities of the Kamiesberg, South Africa: adopting a plant functional type approach.

Anderson, P.M. and Hoffman, M.T.  
*Journal of Arid Environments* 75: 255-264. 2011.

### Renovating to passive housing in the Swedish million programme

Carley Friesen, Björn Malbert, Henrik Nolmark  
*Planning Theory and Practice*, 2012 (in press)

### Urban empowerment through community outreach in teaching and design

Jenny Stenberg, Lasse Fryk  
*Procedia - Social and Behavioral Sciences*, 2012 (ISSN: 1877-0428)

### Climate adaptation and sustainability strategies for a waterfront development

Greg Morrison, Per Knutsson, Katarina Buhr, Philip Thörn, Ulf Moback, Hanna Areslätt  
*Journal of Sustainability Science* (submitted)

## BOOKS, BOOK CHAPTERS, ANTHOLOGIES ETC

### Comparative Research: Potentials and Problems

Tim May and Beth Perry  
*In May, T. Social Research: Issues, Methods and Process. 4th Edition. Maidenhead, Berks: Open University Press/Mc Graw-Hill. 2011*

### Sea-level rise for Cape Town: Impacts and adaptation

Brundrit, G & Cartwright, A  
*In Zietsman (ed) Observations on Environmental Change in South Africa. Sun Press. ISBN 978-1-920338-24-4. 2011.*

### Climate Change Poverty and Development

Cartwright, A  
*The CSI Handbook (14th Edition). Trialogue Publication. 2011.*

### Climate Change and Adaptation in African Agriculture

Ziervogel, G & Cartwright, A  
*In Fujikura and Kawanishi (eds) Climate Change Adaptation and International Development, Earthscan Publishing. ISBN 9781849711524. 2011.*

### Climate Change at the City Scale: Impacts, Mitigation and Adaptation in Cape Town

Edited by Cartwright, A., Parnell, S., Oelofse, G., & Ward S.  
*To Be Published May 2012 by Routledge.*

### Anthology: Joint knowledge production for urban sustainable development

Merritt Polk and Jaan-Henrik Kain (editors)  
*Work in Progress*

## CONFERENCE PAPERS

### Adaptation Strategies for the City of Cape Town: Finding the Balance Within Social-Ecological Complexity

Colenbrander, D., Oelofse, G., Cartwright, A., Gold, H. and Tsotsobe, H. (2011) in Otto-Zimmerman, K. (ed) Resilient Cities: Cities and Adaptation to Climate Change, Proceedings of the Global Forum 2010, Local Sustainability 1, Springer, Germany

### Transdisciplinary knowledge production - A way to a critical proximity?

Joakim Forsemalm, 32nd Nordic Conference of Ethnology and Folkloristics, Bergen, June 2012. Panel 16 - Mobility of Expertise Knowledge: Transfer, transgressions and transitions.

### Understanding innovative regional collaboration

Joakim Forsemalm/Magnus Johansson/Stig Montin, XVI IRSPM Conference Contradictions in Public Management: Managing in volatile times, 11-13 April 2012. Panel: Managing collaborative innovation in the public sector (submitted).

### Who's Knowledge - Who's Place? A Life-world Perspective Relationship Between Place-Based Leadership and Strategic Co-production of Knowledge

Magnus Johansson  
41st Conference of the Urban Affairs Association 16-19 March 2011, New Orleans.

### The sustainability implications of climate adaptation strategies for a proposed inner city development

Greg Morrison et al.  
IWA World Congress on Water, Climate and Energy, Dublin, May 2012.

### Urban empowerment through community outreach in teaching and design

Jenny Stenberg and Lasse Fryk.  
4th World Conference on Educational Sciences in Barcelona, 2-5 February 2012.

### Urban Games: Gaming and Visualization for Sustainable Urban Transformation

Karl Alfredsson, Monica Billger, Jaan-Henrik Kain  
Planet Under Pressure, 26-29 March 2012, London.

### The climate adaptation and sustainability implications of five strategies for a waterfront development

Presenting author: Gregory Morrison  
World Congress on Water Climate Energy, Dublin 2012.

## POSTERS

### Climate Change Adaptation of Frihamnen: Visualising Retreat, Defend, and Attack

"Cities of the Future," International Water Association, Stockholm 2011.



# Who are we?

## THE FOLLOWING PEOPLE HAVE CONTRIBUTED TO THE WORK THAT HAS BEEN DONE DURING 2011.

### Board members

Ines Uusmann - chair of the board; Christian Baarlid, Colin Fudge, Elisabeth Deakin, Katarina Gårdfeldt, Raquel Rolnik, Ulf Ranhagen. Adjoint members: Johan Edman and Jörgen Sjöberg.

### Consortium council

Jörgen Sjöberg - chair of the consortium council; Agneta Kores, Christina Börjesson, Helena L Nilsson, Nils-Gunnar Erntsson, Staffan Edén, and Åke Iverfeldt. Former members: Göran Bengtsson and Helena Eriksson Elf.

### Consortium coordinators

Karin Sjöberg, Katarina Gårdfeldt, Lisa Ström, Maria Johansson, Mikael Cullberg, Nina Ryd, and Pia Borg. Former members: Berit Mattson.

### Staff

Lars Reuterswärd (Director), Anders Hansson, Anna Taylor, Anna-Johanna Klasander, Annie Frid, Ann-Louise Hohlfält, Beth Perry, Björn Malbert, Carley Friesen, Daniel Selin, Gordon Pirie, Henrik Nolmark, Ingrid Winblad, Jaan-Henrik Kain, Jan Gustafsson, Jan Riise, Jenny Sjödin, Johanna Andersson, John Rune Nielsen, Klas Andersson, Krystyna Pietrzyk, Lars Lilled, Lillemor Kündig, Lotten Westberg, Lou Yongqi, George Mark Onyango, Merritt Polk, Mike Hodson, Petra Ljung, Sandra Thesslund, Sigrid Östlund, Simon Marvin, Stephen Agong, Susan Parnell, Tim May, Ulrica Gustafsson, Warren Smit and Zhiqiang Siegfried Wu.

### Project members

*A City Structure Adapted to Climate Change:* Philip Thörn, Ulf Moback, Greg Morrison, Hanna Areslätt, Katarina Buhr, Per Knutsson, and Susanna Roth.

*ClueE:* Ylva Norén Bretzer, Anders Sandoff, Carolina Hiller, David Langlet, Joshua Prentice, Kajsa Winnes, Marie Thynell, Pernilla Holgersson and Peter Ylmén.

*Business Driven Sustainable Urban Development:* Anders Sandoff, Elin Eriksson, Björn Ek, Catarina Hedar, Christian Jensen, Christina Wolf, Dejan Djurkovski, Göran Värmbj, Helena Davidsson, Irja Sandin, Jessica Algehed, Kaisa Svennberg, Kerstin Elias, Lars Ekberg, Marcus Nordanstad, Ola Bergstrand, and Petter Rönnborg.

*Interplace:* Jenny Stenberg, Emma Corkhill, Hans Abrahamsson, Henric Benesch, Lars Jadelius, Martin Berg, Mia Andersson-Ek, Nazem Tahvilzadeh, Pål Castell, Sara Danielsson, and Vanja Larberg.

*Multilevel Governance:* Joakim Forsemalm, Stig Montin, Elin Johansson, Jan Gustafsson, Kerstin Elias, Lars Lilled, Magnus Johansson, and Ylva Löf.

*Formative Evaluation River City Göteborg:* Joachim Åström and Sara Brorström.

*Urban Empowerment:* Jenny Stenberg, Eeva Bolin, Lasse Fryk, Pia Borg, Pål Castell, Ulrika Evenås, and Vanja Larberg.

*Urban Games:* Karl Alfredsson, Monica Billger, Johanna Lindkvist, Katarina Clase, and Per Myrén.

### Profile developers

Anna Metelius, Carina Krantz Rönnqvist, Catharina Thörn, Daniel Gillberg, Erik Persson, Eva Sikander, Gabriella Olshammar, Helene Brembeck, Jason Nielsen, Joakim Forsemalm, Jonas Nässen, Kerstin Elias, Leif Andersson, Malin Andersson, Marie Thynell, Mikael Granberg, Molly MacGregor, Ola Bergstrand, Olov Stenbäck, Sebastien Rauch, Shweta Kuvalekar, and Ylva Berglund.

**Far more people have participated in various Mistra Urban Futures activities. We thank all of you who have contributed in some way to the work that has been accomplished during 2011.**

# Financial statement

## REVENUES IN 2011

The total turnover for the center in 2011 was 28 MSEK, divided between 19 MSEK (68%) cash funding and 9 MSEK (32%) in-kind contributions from the consortium partners.

Source	Total, SEK	Cash, SEK	In-Kind SEK
Surplus from 2010	6 525 693,00 kr	6 525 693,00 kr	
Mistra	8 000 000,00 kr	8 000 000,00 kr	
Sida	- kr*	- kr*	
Consortium	9 385 000,00 kr	4 500 000,00 kr	4 885 000,00 kr
Other sources	4 182 500,00 kr		4 182 500,00 kr
Total	28 093 193,00 kr	19 025 693,00 kr	9 067 500,00 kr

\*No payment 2011 according to the payment schedule

## EXPENDITURES IN 2011

The total expenditure in 2011 was 30,5 MSEK.

Expenditures in 2011	Total, SEK	Cash, SEK	In-Kind SEK
	30 510 164,00 kr	21 442 664,00 kr	9 067 500,00 kr



Photo: Martyn E. Jones



Photo: Peter Szustka



Photo: Peter Szustka



Photo: Lukáš Patka



Photo: Agne Kveselyte



Photo: Peter Szustka

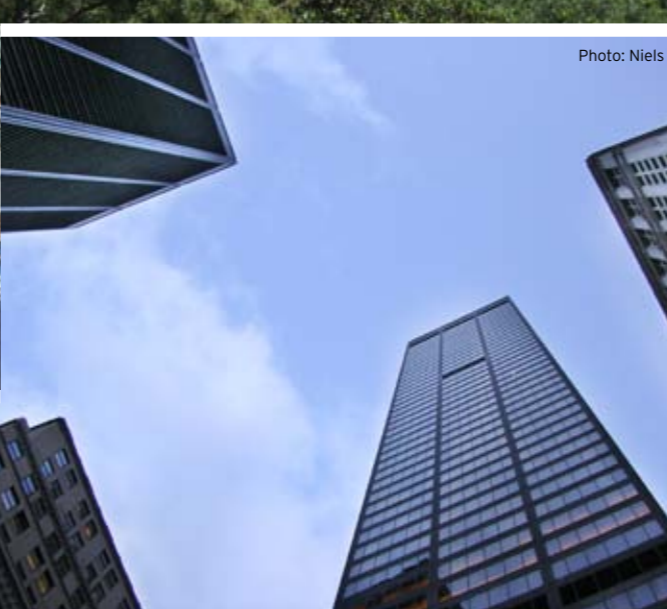


Photo: Niels Jansen



Photo: Keith M.



Photo: Piotr Bizior



Photo: Kristin Smith



Photo: Jenny Leonard



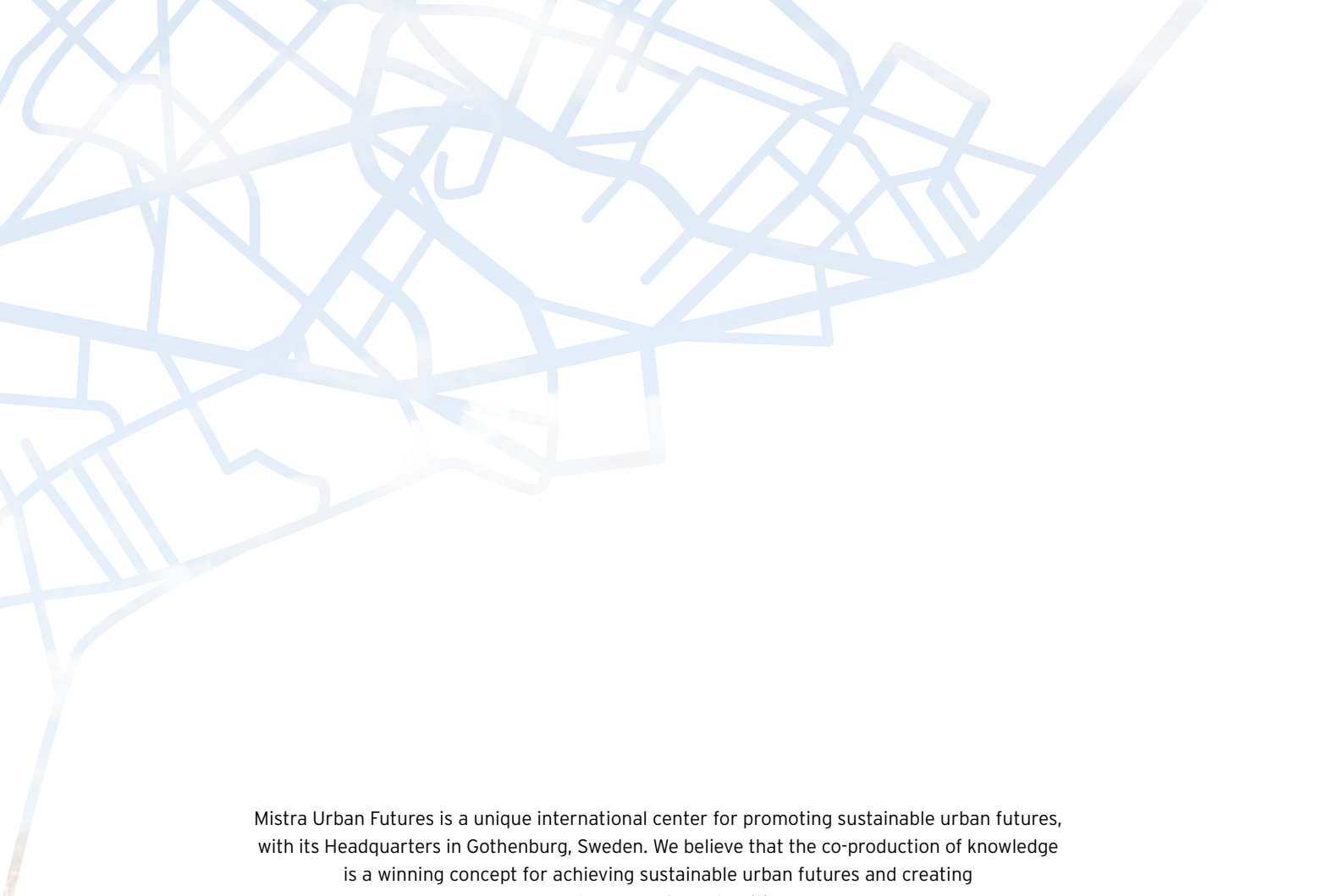
Photo: Peter W.



Photo: Rodrigo Gelmi Mariano de Freitas



Photo: William Picard



Mistra Urban Futures is a unique international center for promoting sustainable urban futures, with its Headquarters in Gothenburg, Sweden. We believe that the co-production of knowledge is a winning concept for achieving sustainable urban futures and creating FAIR, GREEN and DENSE cities.

### **MISTRA URBAN FUTURES**

Postal address: Chalmers University of Technology, SE-412 96 Göteborg, Sweden.

Visiting address: Aschebergsgatan 44, Göteborg, Sweden.

Phone: +46 (0)31 772 49 56

E-mail: [mistraurbanfutures@chalmers.se](mailto:mistraurbanfutures@chalmers.se)

For more information visit [www.mistraurbanfutures.se](http://www.mistraurbanfutures.se)

