



**World Cities**

EU – Third Countries Cooperation on  
Urban and Regional Development



A project of the European Union managed by the Directorate General for Regional and Urban Policy  
(DG REGIO) of the European Commission and supported by the European Parliament

# Visit to South Africa

## Innovation for Smart and Green Cities

### 27 – 31 March 2017

An event prepared for delegates from the European pilot cities of  
Málaga, Graz, Belfast and Bilbao

# Programme

(24 March 2017)

World Cities is implemented by the  
Department of International Services of:



With the Support of:



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## Introduction

World Cities is a project of the Directorate General for Regional and Urban Policy (DG REGIO) of the European Commission in the framework of the European Parliament's preparatory action to promote the exchange of experience and best practice between the European Union and third countries on the theme of territorial development with particular reference to urban development, urban-rural partnerships and urban cross-border cooperation.

## Programme Design and Logistics

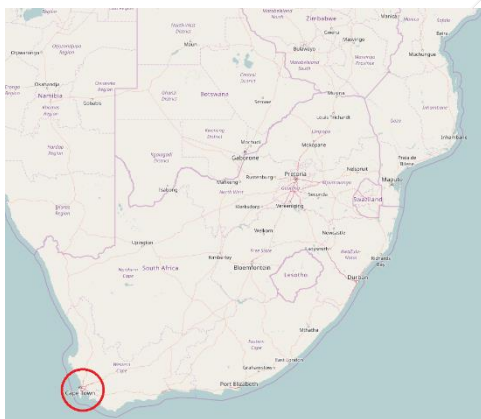
The programme is designed for representatives of European local authorities from Belfast, Bilbao, Graz and Málaga. Cities have been awarded to participate as result of an open tendering procedure. Delegations represent a *triple-helix* approach of the project, i.e. their members represent local authorities, the research and business sector linked to sustainable urban development. The event will consist of a launch conference followed by field visits and working meetings in Johannesburg / Ekurhuleni, Nelson Mandela Bay Municipality, eThekweni and Cape Town.

The result of the mission will be the identification of pilot areas / projects for further cooperation and the development of action plans for their implementation.

## About the South African Cities

### Cape Town

Cape Town is the second-most populous urban area in South Africa after Johannesburg. The city has a population of 433,688 inhabitants and the metropolitan municipality a population of 3.7 million inhabitants. It is also the capital and primate city of the Western Cape province. As the seat of the Parliament of South Africa, it is also the legislative capital of the country. It is one of the most multicultural cities in the world,



reflecting its role as a major destination for immigrants and expatriates to South Africa. The city was named the World Design Capital for 2014 by the International Council of Societies of Industrial Design.

The City of Cape Town, has through its Built Environment Performance Plan (BEPP) highlighted the importance of spatial transformation of this city. It has identified two important integration zones in line with the Urban Networks Strategy: Voortrekker Road Corridor and the Metro South East Integration Zones where it intends to implement its, newly approved, transit-oriented development (TOD) strategic framework. The Cities Support Programme (CSP) has supported the built environment planning within the city, commissioning work to assess the readiness of their TOD catalytic projects and placing them in a project pipeline, assessing the potential of Land Value Capture to fund public transport projects, assessing the housing market and addressing the ability of the institution to engage effectively with citizens through new modalities as well as manage its delivery programme transversally across institutional silos. Specific project preparation support has been provided to the city through an Urban Land Initiative Panel review of the Voortrekker Road Corridor, a Market Assessment of the Athlone Power Station Project and most recently the undertaking of a rapid

panel-based peer review of the Conradie Better Living Exemplar Project.

The principle objective of the City of Cape Town's Economic Growth Strategy is to grow the economy and create jobs. It presents the city's response to one of the most pressing challenges facing Cape Town in the years ahead: the high level of unemployment and poverty. At the same time, the demand for services is growing every year which, when combined with unstable levels of unemployment, will result in an unsustainable long term social trajectory.

The City of Cape Town has also developed a draft Green Economy Policy, a draft Climate Change Policy, and a draft Environmental Strategy, all of which speak to the city's desire to harness the inherent value of the environment for the benefit of residents whilst simultaneously preserving the environmental footprint of Cape Town and, where appropriate, expanding it.

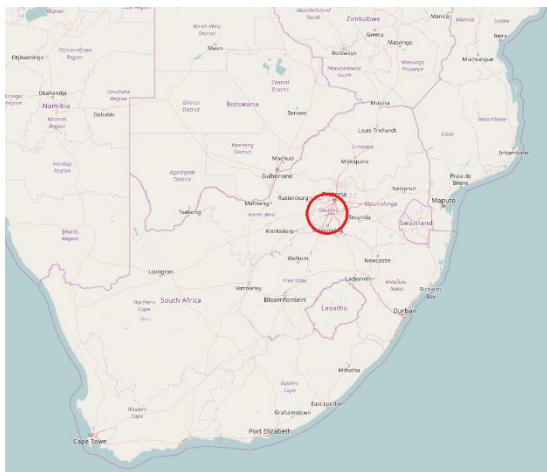
The integration of environmental awareness when considering service delivery and urban densification is crucial to achieving the municipality's objectives of facilitating a sustainable, inclusive, and parity-seeking society.

Within the World Cities project, Cape Town is mainly cooperating with the Spanish city of **Bilbao**.

## Ekurhuleni

Ekurhuleni is a metropolitan municipality that forms the local government of the East Rand region of Gauteng. Ekurhuleni is one of the five district and metropolitan municipalities of Gauteng province and one of the eight metropolitan municipalities of South Africa. It covers a population of 2,480,260 inhabitants. The seat of Ekurhuleni Municipality's administration is Germiston. The municipality developed from a history of several small mining towns and is now a logistics hub of the country, with the main airport O. R. Tambo International Airport being located here and a good road and rail connection to Ethekwini's harbour.

Ekurhuleni Metropolitan Municipality has drafted its Growth and Development Strategy 2055 which articulates five leading strategies: re-urbanising, re-industrialising, re-generating, re-mobilising and re-governing. The CSP support to Ekurhuleni falls within the re-urbanising strategy. It comprises a combination of "generic" and specific support offerings. The generic support refers to what the CSP offers



to all cities in the form of leadership courses, workshops, and various reform initiatives. Specific support is focussing on supporting the Tembisa Kempton Park Integration Zone through assisting with improved planning, catalytic project packaging and implementation, investment promotion and institutional reforms including transversal and knowledge management.

Ekurhuleni Municipality is interested in Urban Development and Innovation, Transport Oriented Development and Urban Renewal through Urban Design. A key specific area of focus is the current approved *Municipal Spatial Development Framework (2015)* that advocates for a new urban agenda for the City

of Ekurhuleni. The new agenda is driven “Through Theory of Change” this is a spring board for reinventing our City through urban design and focusing on Transport Oriented Development and stitching together our city through efficient modes of transport i.e. Bus Rapid Transport and rail.

The main sectors of focus are industrial development, agriculture, tourism and Aerotropolis.

The main areas for cooperation are:

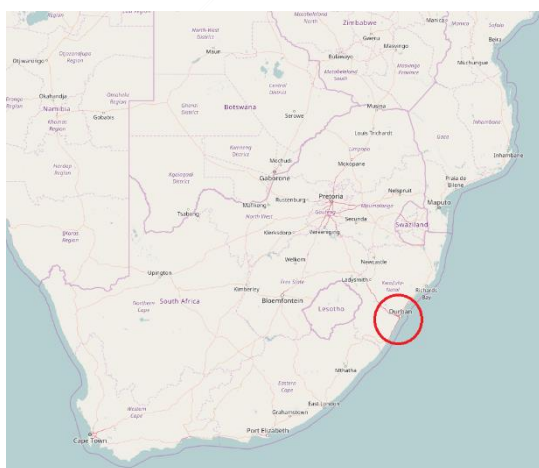
- 1) Urban renewal which focusses on reinventing cities. Cities in the EU have gone through continuous reinvention and metamorphoses. There is wisdom generated anytime a city undergoes changes either through demolition and reconstruction or reinvention.
- 2) Public transport. South Africa is at the early stages towards an integrated transport systems. This is an opportunity for South African Cities to learn from countries or cities that have advanced in public transport.
- 3) Urban Design as a tool to reinvent cities and to create cities is an essential tool for urban development or development in general. This is a key learning area for Ekurhuleni Municipality as the city tries to reinvent itself. It would be important to gain knowledge on transforming urban design plans to reality basically implementation of plans.

In the World Cities project, Ekurhuleni is collaborating with the Austrian city of **Graz**.

## eThekwini

eThekwini is the metropolitan municipality of Durban, the largest city in the South African province of KwaZulu-Natal. It ranks third among the most populous urban areas in South Africa after Johannesburg and Cape Town. It is also the second most important manufacturing hub in South Africa after Johannesburg. Durban is famous for being the busiest port in South Africa. It is also seen as one of the major centres of tourism. The municipality, which includes neighbouring towns, has a population of almost 3.5 million, making the combined municipality one of the biggest cities on the Indian Ocean coast of the African continent.

eThekwini has made significant progress towards the achievement of Urban Transformation over the past few years. A cross sectoral Integration Forum has been established and meets each month. The BEPP plays a valuable integration role for the various built environment sector plans and continues to strengthen the



link between the Spatial Development Framework (SDF) and the budget imperatives whilst also assisting the City to better articulate its objectives and vision. A pipeline of catalytic projects has been prioritised and contributes directly to achieving economic growth in an environmentally sustainable way and supporting social inclusion and improved management of the public realm. The Cities Support Programme assists eThekwini through the Capacity Support Implementation Plan (CSIP) and includes support to the development of a Corporate Plan; funding and financing models and

institutional arrangements for catalytic projects; informal settlements upgrading support; and the development of a long term financial strategy.

The main areas for cooperation are:

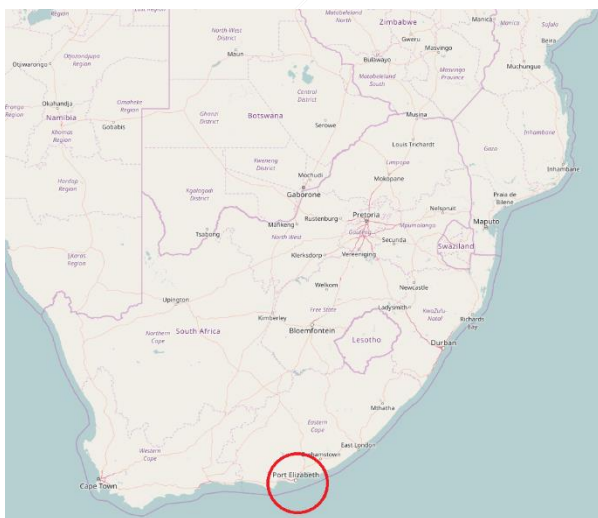
- Transport systems (BRT)
- Transit-oriented-development
- Spatial budgeting
- Public/Private partnerships
- Engineering technologies in the areas of waste water, water, solid waste etc
- Smart City strategy
- Sustainable energy planning
- City Centre Rejuvenation

In the World Cities project, eThekweni is collaborating with the European city of **Belfast (UK)**.

### Nelson Mandela Bay

Nelson Mandela Bay Municipality is one of eight metropolitan municipalities in South Africa. It is located on the shores of Algoa Bay in the Eastern Cape province, and comprises the city of Port Elizabeth, the nearby towns of Uitenhage and Despatch, and the surrounding rural area. Nelson Mandela Bay Municipality has a population of approximately 1.1 million.

Nelson Mandela Bay Municipality (NMBM) has substantially improved its approach to spatial planning (as reflected in its latest BEPP) and its focus on preparing catalytic projects for implementation. Beyond this, CSIP that is currently being implemented at the city involves five major interventions (a) an organisational development and change management support programme, intended to formalise the organisational structure, and build more effective management teams in city departments; (b) financial planning support, focussed on building a coherent long-term financial model; (c) development planning support, to assist in the development of a long term city strategy; (d) a facilitation process intended to help establish productive relationships between NMBM and the major industry stakeholders; and (e) support to assist the city to rethink its approach to housing markets and housing delivery.



The main areas of cooperation are the key catalytic projects that have been identified within Nelson Mandela Bay, to turn the economy of the NMBM around. These include:

- The Port/marina precinct
- The Baakens River Precinct / Waterfront development
- The Red Location Cultural Precinct
- The Happy Valley Precinct
- The Bayworld aquarium project.

In the World Cities project, Nelson Mandela Bay is collaborating with the Spanish city of **Málaga**.

## AGENDA

### Day 1 – Sunday 26 March 2017 – Travel Day

All delegates fly to Johannesburg

### Day 2 – Monday 27 March 2017 – Arrival and Launch Event

Morning: Arrival of EU delegates

Transfer to the Hotel Birchwood

**12:00 – 18:00**

#### **World Cities South Africa Launch Event**

Venue: Birchwood Hotel & OR Tambo Conference Centre

Viewpoint Street Bartlett, 1459 Boksburg. Phone: 0027 (011) 897-0000

<http://www.birchwoodhotel.co.za/>

12:00 – 13:00

Registration and Working Lunch

13:00 – 14:00

Opening ceremony

13:00 – 13:15 Welcome Remarks by Roland Hunter, Head of the Economic Development Department of the Cities Support Programme (CSP)

13:15 – 13:30 Keynote address by Dr Marcus Cornaro, EU Ambassador to the Republic of South Africa

13:30 – 14:00 Introduction of the World Cities Project by Dr Ronald Hall, Chief Advisor DG REGIO, EU Commission

14:00 – 15:00

Session 1: Introduction of city pairings I

Chair: Dr Ronald Hall, DG REGIO, EU Commission

14:00 – 14:10 Cape Town

14:10 – 14:20 Bilbao

14:20 – 14:30 eThekweni

14:30 – 14:40 Belfast

14:40 – 15:00 Q&A

15:00 – 15:30

Coffee Break

15:30 – 16:30

Session 2: Introduction of city pairings II

Chair: Roland Hunter, CSP

15:30 – 15:40 Nelson Mandela Bay

15:40 – 15:50 Málaga

15:50 – 16:00 Ekurhuleni

16:00 – 16:10 Graz

12:10 – 12:30 Q&A

16:30 – 17:30

Interactive Session: Urban Topics (World Café Style)

Participants, divided in *cross-city* smaller groups, will join working stations, for several short rounds of discussion. At the end of each round, participants will be asked to move to the station to address a new topic. Prior to the discussion in groups, four brief presentations (3 minutes) will set the scene - respectively on:

- Group 1 - Smart City: transportation, ICT, Safety

- Group 2 - Urban Economy: innovation, clusters, start-ups
- Group 3 - Climate Change: Low-Carbon, Green Energy, Resilience
- Group 4 - Urban Regeneration: cultural heritage, green spaces, affordable housing

17:30 – 18:00 Closing remarks by DG REGIO and the Project Team

19:00 Buffet dinner

**Accommodation:** Birchwood Hotel & OR Tambo Conference Centre  
Viewpoint Street Bartlett, 1459 Boksburg. Phone: 0027 (011) 897-0000

<b>Day 3 – Tuesday 28 March 2017 – Field Visits in Johannesburg</b>
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08:30 – 09:00 Check-Out

09:00 – 09:30 Transfer to Milpark

09:30 – 11:00 Field visit to Green Tech Cluster in Milpark

The city runs an annual green innovation challenge with the University of Johannesburg (UJ). The city also seed-funded UJ's Green Tech Hub. At UJ the City of Johannesburg established the Chair in Green Economy of the City of Johannesburg.

11:00 – 12:00 Transfer to the airport for Bilbao Delegates

Bilbao Delegation: 14:00 Flight BA6419 to Cape Town (arrival at 16:10)

12:00 – 14:00 Lunch Break for delegates from Graz, Belfast and Málaga

14:00 – 14:30 Transfer to the airport

Belfast Delegation: 16:45 Flight BA6229 to Durban (arrival at 17:50)

Málaga Delegation: 16:50 Flight FA232 to Port Elizabeth (arrival at 18:30)

15:00 – 17:00 Field visits ICT Innovation

Digital Innovation Cluster in Braamfontein Precinct

City of Johannesburg has one of the fastest and most generous (200MB/day) free municipal broadband Wi-Fi in the part of our City we are nurturing as a digital innovation precinct in partnership with Wits University. The precinct has recently attracted the R700m IBM Innovation Centre. Again, with Wits the city founded South Africa's richest annual digital innovation challenge (R1m top prize).

Graz: Accommodation in Johannesburg – Hotel Sunward Park (\*\*\*\*) 242 Kingfisher Avenue, 1459 Boksburg.

**Day 4 – 7 - Wednesday, 29 March – Friday 31 March 2017 City Pairings Meetings – For details please refer to the detailed city pairings agendas distributed separately**

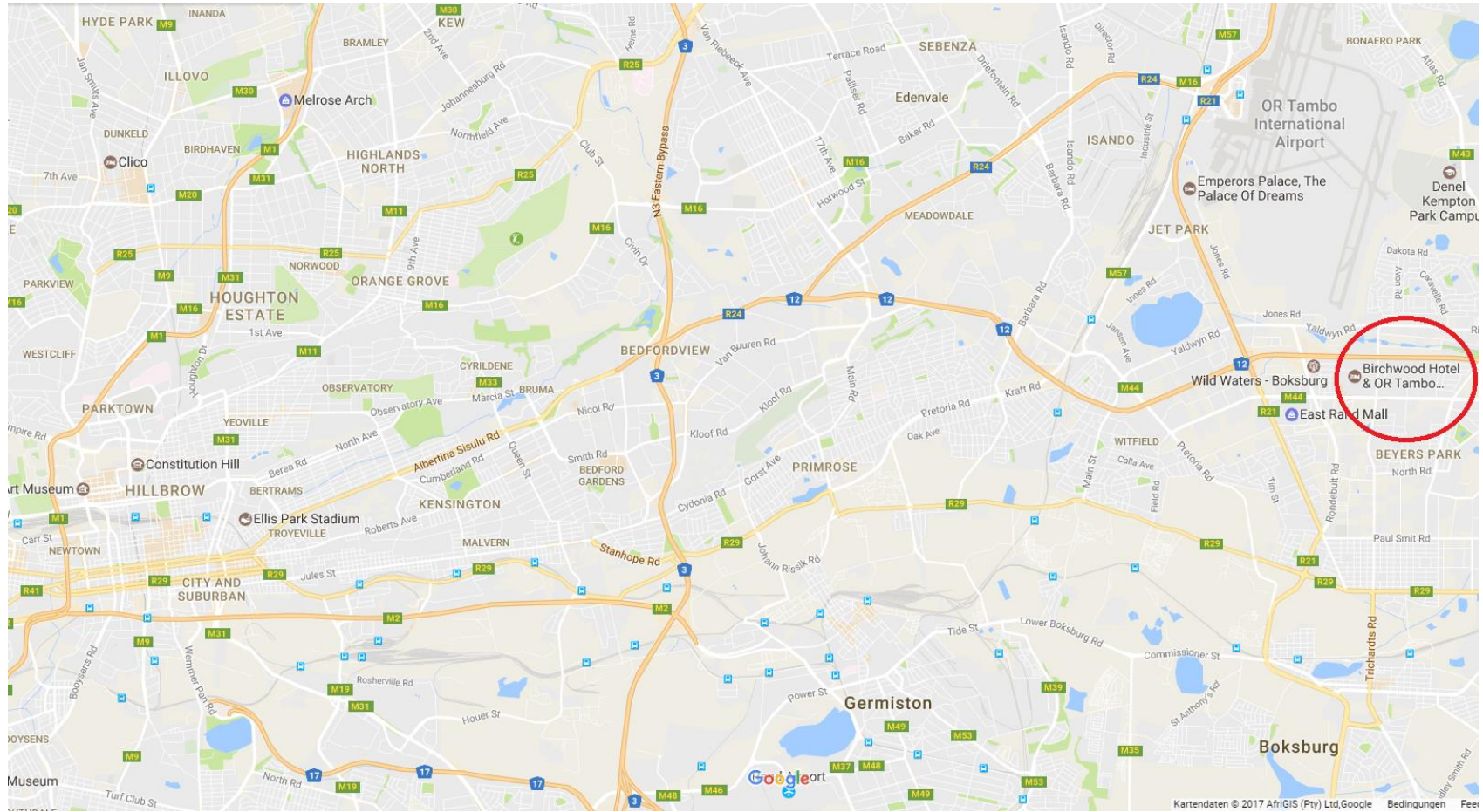
	Wednesday, 29 March				Thursday, 30 March				Friday, 31 March				Saturday
Delegation	Cape Town / Bilbao	Ekurhuleni / Graz	eThekweni / Belfast	Nelson Mandela Bay / Málaga	Cape Town / Bilbao	Ekurhuleni / Graz	eThekweni / Belfast	Nelson Mandela Bay / Málaga	Cape Town / Bilbao	Ekurhuleni / Graz	eThekweni / Belfast	Nelson Mandela Bay / Málaga	All EU cities
<b>Morning</b>	Transit oriented Development strategy	Urban Development and Innovation	100 Resilient Cities Programme and Pilot Projects Climate Change and Mitigation / Energy Office	Regeneration programmes and projects	Field Vist to Phillipi – new transport investment	Growth Management	Public Transport and Spatial Transformation Lessons Learnt Inner City Redevelopment	NMB Chamber of Commerce Meeting Coega Development Corporation	Debriefing	Debriefing	Debriefing	Debriefing	European Cities Only: Debriefing Moderation: Stefanie Klein, Project Director GIZ InS
<b>Afternoon</b>	Field Visit Waterfront and CT port	Transport Oriented Development	Field Visits: Buffelsdraai landfill gas to electricity project Mdloti beachfront Sealevel rise and coastal erosion UShaka renewable energy project	Transnet at the Port of Port Elizabeth on the proposed Waterfront Development	Voortrekker Rd - regenerate and densify an important transport corridor	Aerotropolis Master Plan.	SMME Development and Sector Support Smart City Development Site Visits: IPTN Route, Inner City, Smart Exchange, Sector Support Incubators, Dennis Hurley Centre	Filed visit to Coega Urban Development Zone	Travel back to Johannesburg	Travel back to Johannesburg	Travel back to Johannesburg	Travel back to Johannesburg	
<b>Hotel</b>	Protea Hotel Cape Town Waterfront Breakwater Lodge	Hotel Sunward Park	Hotel Garden Court Marina Parade	City Lodge Hotel	Protea Hotel Cape Town Waterfront Breakwater Lodge	Hotel Sunward Park	Hotel Garden Court Marina Parade	City Lodge Hotel	Birchwood Hotel	Birchwood Hotel	Birchwood Hotel	Birchwood Hotel	

**Day 7 – Saturday 01 April 2017**

09:00 – 11:00 Debriefing at the Hotel Birchwood



## Location Birchwood Hotel



## Viewpoint Street Bartlett, Boksburg, South Africa

## List of Participants

<b>From the European Union</b>		
Dr. Marcus Cornaro	EU Ambassador	EU Delegation South Africa
Dr. Ronald Hall	Chief Advisor to the Deputy Director General, DG REGIO, European Commission	EU Commission
Bongani Mayimele	Project Officer: Local Governance & Public Administration Reform	EU Delegation South Africa
<b>From the EU Cities</b>	<b>Title, Position</b>	<b>Delegation</b>
George Dorrian	Councillor, Democratic Unionist Party, Belfast City Council	Belfast
Alan McVicker	Local Authority Representative, Circular Economy Expert, Strategic Investment Board	Belfast
Clare Mc Keow	Sustainable Development Manager, Belfast City Council	Belfast
Sammantha Mc Closkey	Director of the Centre for Advanced Sustainable Energy	Belfast
Gerhard Ablasser	Head of EU & Urban Development Direction, City of Graz	Graz
Wolfgang Götzhaber	Environmental Department, City of Graz	Graz
Dr Bernhard Gassler	Regionalmanagement Steirischer Zentralraum	Graz
Johannes Koinegg	GreenTech Cluster	Graz
Alfonso Martínez	Director, Bilbao Metropoli 30	Bilbao
Josu Santacruz	Director, Bilbao City Council	Bilbao
Milica Matovic	Researcher, University of Deusto	Bilbao
Alba Esteban	Director, Bilbao City Council	Bilbao
Tomas González	Head of International Projects, IDOM	Bilbao
Alfonso Palacios	Head of the Department of Studies and Projects	Málaga
Diego Gil	Director, Andalucía Smart City Cluster	Málaga
Pablo González	CEO & Founder, BATC-h Architecture	Málaga
Daniel Garaeta	IT Department Head, Sosteco	Málaga
<b>South African Delegates</b>		
Roland Hunter	Head of the Economic Development Department of the Cities Support Programme (CSP)	Johannesburg
Enrico Girolo	Programme Manager, Strategic Initiatives, City of Cape Town	Cape Town
Leigh Stolworthy	Programme Manager, Innovation, City of Cape Town	Cape Town

Puvendra Akkiah	Spatial Development and Land Use Manager, South Durban Basin Area	eThekweni
Palesa Tsita	Divisional Head: City Planning-Strategic Planning	Ekurhuleni
Amelia Buchner	Director: Strategic Projects. Economic Development Tourism and Agriculture Directorate	Nelson Mandela Bay Municipality
Lwazi Ndzena	Director Municipal ICT, Innovation & Connectivity. South African Local Government Association (SALGA)	Pretoria
Mosima Maake	Programme Manager: Economic Development and Planning. South African Local Government Association (SALGA)	Pretoria
<b>Project Management Team</b>		
Stefanie Klein	Project Director, GIZ International Services	Belfast / eThekweni
Pablo Gándara	Project Manager	Graz / Ekurhuleni
Andreas Sieren	Country Manager South Africa	Málaga / Port Elizabeth
Fatima Beg	Senior Expert South Africa	Graz / Ekurhuleni / Johannesburg
Iñigo Bilbao	Senior Expert Europe	Cape Town / Bilbao
Prof. Ivan Turok	Senior Advisor South Africa and Executive Director in the Economic Performance and Development Unit of the HSRC (Human Sciences Research Council) - not attending the conference	Cape Town
Dr Andreas Scheba	Post-Doctoral Research Fellow in the Economic Performance and Development Unit of the HSRC.	Cape Town