

6 - 8 June 2018

## METREX Gipuzkoa Spring Conference

Themes

Sustainable Mobility - An Integrated Metropolitan Approach

Host

Gipuzkoa County Council

Gipuzkoa Provincial Council, as host of our conference, will give an insight on how they approach Sustainable Mobility: "The technical solutions are the condition for the final aim to create a better 'human biotope' for people to live, work, relax and above all, prosper!" Various examples from elsewhere in Europe will enable us to reflect on measures versus (socio-economic) impact. We especially welcome guests from Transport for the West Midlands from Greater Birmingham! Apart from the technical aspects of infrastructure, the socio-economic aspects of investing, planning and realising these long-term, complex and, during their realisation, often disruptive projects are of great interest. We hope to achieve better conditions for people to live, work and enjoy, and for businesses to better perform. But as it often takes a generation to reach the full impact of infrastructure investments, we need to ensure the solutions can adapt to the continuously changing society.

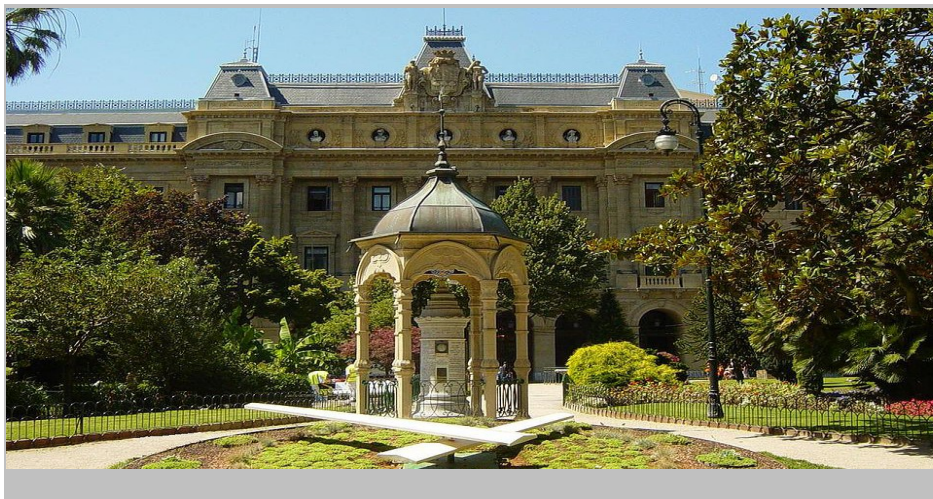
In parallel workshops, using various cases, we will focus on questions if and especially HOW infrastructure investments address issues of Social Cohesion, Climate Adaptation, Affordable Housing, etc. The case of the recently established combined transport authority Transport for the West Midlands (Greater Birmingham) will explain the possible impact of infrastructure investments on governance, through both the network as the way the network is operated. But does it also impact on the 'image' of Greater Birmingham through for example a regional ticketing system like the Gipuzkoa public transport card.

On the Friday we will have a presentation of the ESPON SPIMA report and especially the way the results can inspire and initiate further actions amongst our members.

**Gipuzkoako  
Foru Aldundia**  
Departamento de Movilidad  
y Ordenación del Territorio



<b>METREX</b>	<b>The Network of European Metropolitan Regions and Areas</b>
<b>6 - 8 June 2018</b>	<b>METREX Gipuzkoa Spring Conference</b>
<b>Theme</b>	<b>Sustainable Mobility - An Integrated Metropolitan Approach</b>
	<b>METREX</b>
	<p>METREX is The Network of European Metropolitan Regions and Areas. It was founded in 1996 at the Glasgow Metropolitan Regions Conference, supported by the DG Region of the European Commission. Its purpose is the exchange of information, knowledge, understanding and experience in metropolitan affairs but with a core interest in spatial planning and socio-economic development. It now has members from some 50 of the major metropolitan areas in Europe. METREX holds biannual conferences and works through Expert Groups and Projects on issues of common interest. Details are at <a href="http://www.eurometrex.org">www.eurometrex.org</a></p>
	<b>Gipuzkoa Provincial Council</b>
	<p>The Provincial Council of Gipuzkoa is responsible for governing and administering the province of Gipuzkoa. Its President is elected by the General Assembly and is responsible for implementing the programme of the government, which is made up of provincial councillors appointed by the President. The General Assembly is the governing body of the Provincial Council and is responsible for setting the guidelines for and aims of the provincial government's actions.</p> <p>The Provincial Council has recognised competences as a provincial institution, especially in the areas of finance, economic development, roads and social policies. The General Assembly is the highest public representative and participatory body in the province and takes the form of a parliamentary body consisting of 51 councillors elected by universal suffrage.</p> <p>The General Council of Gipuzkoa was created in the 16th century. At that time, the Council was made up of procurators designated by the General Assemblies and the council of the municipality in which the Assemblies gathered. Nowadays, the General Assemblies and the Provincial Council of Gipuzkoa are governed by the provisions of the Statute of Autonomy of the Basque Country and the Regional Provinces</p>
<b>Wednesday 6 June</b>	<b>Networking Day - Parallel Meetings</b>
<b>Networking venue (opens at 9.00)</b>	<b><i>Tabakalera International Centre: Andre Zigarrogileak Plaza, 1 20012 Donostia / San Sebastián</i></b>
<b>10.00 – 12.00</b>	<b>Nordic Network</b>
<b>12.00-14.00</b>	<i>Snack lunch</i>
<b>12.00 - 15.30</b>	<b>Parallel Meetings of METREX Expert Group</b>
	<ul style="list-style-type: none"> <li>• URMA Expert Group</li> <li>• TERRACOTTA - Baltic Spac</li> <li>• URBAN-RURAL Expert Group</li> <li>• Metropolitan Governance</li> <li>• EconoMETREX Expert Group</li> </ul>
<b>16.00 - 18.30</b>	<b>METREX Managing Committee</b>
<b>16.30 - 18.30</b>	<b>Walking Tour around the City Center</b> <ul style="list-style-type: none"> <li>• Tour Starts at the Tabakalera Main Entrance (see address above)</li> </ul>
<b>19.30 - 21.30</b>	<b>Reception at Gipuzkoa County Council, Plaze de Gipuzkoa, San Sebastián</b>



Thursday 7 June	Sustainable Mobility - An Integrated Metropolitan Approach
Gipuzkoa Day	Moderator: (tbc)
Conference Venue	Tabakalera International Centre: Andre Zigarrogileak Plaza, 1 20012 Donostia / San
Programme	METREX Gipuzkoa Spring Conference
08.30 - 9.00	Registration
9.00 - 9.15	Welcome and Introduction
	<ul style="list-style-type: none"> <li>• Marisol Garmendia, Deputy for Mobility and Spatial Planning, Gipuzkoa County Council</li> <li>• Dr. Nicola Schelling, President of METREX, Director Verband Region Stuttgart</li> </ul>
9.15 - 9.30	Gipuzkoa: Setting the Scene
	<ul style="list-style-type: none"> <li>• Miguel Angel Crespo Rico: General Director of the Department for Planning and Mobility</li> </ul>
9.30 - 9.50	Mobility as Catalyst and Condition, the Hardware and Software
	<ul style="list-style-type: none"> <li>• Iñaki Prego, General Director of Mobility, Gipuzkoa (Peer review: Thomas Kiwitt, Verband Region Stuttgart)</li> </ul>
9.50 - 10.10	The GipuzkoaKlima 2050, the Gipuzkoa Climate Programme
	<ul style="list-style-type: none"> <li>• José Ignacio Asensio, Deputy for Environment, Gipuzkoa County Council (Peer Review: Irma Karjalainen, Helsinki Region)</li> </ul>
10.10 - 10.30	Mobility Investments as condition for Sustainable Economic Solutions Smart Kalea: Boosting Local Economy – San Sebastián Smart Cities Programme
	<ul style="list-style-type: none"> <li>• Ernesto Gasco, Vice-Mayor of San Sebastián and responsible for the Formento Agency (Peer review: Jakob Richter, Metropolregion Hamburg)</li> </ul>
10.30 - 11.00	Coffee Break
11.00 - 11.20	Mobility and Sustainability in the Basque Country, The revision of Spatial Planning Guidelines
	<ul style="list-style-type: none"> <li>• Arantza Leturiondo, Vice-Minister of Spatial Planning in the Basque Government (Peer review: Kerri Farnsworth, Director 360 City Shapers Manchester, Board member INTA)</li> </ul>
11.20 - 11.40	Benefitting from Integrated Public transport systems
	<ul style="list-style-type: none"> <li>• Manel Villalante Llauredó, Barcelona Regional and Universitat Politècnica de Catalunya</li> </ul>
11.40 - 12.00	Planning Mobility for better Social Cohesion Planning
	<ul style="list-style-type: none"> <li>• Dr. Alberto Leboireiro Amaro, General Director of regional planning, Community of Madrid An insight is given in the network of public transport and the Madrid experience in integrating the different modes, the contribution of transportation fares system to social equity in the face of real estate social exclusion processes and the necessity to integrate transport and social housing policies.</li> </ul>
12.00 - 12.30	Peer Review Panel, Insights & Recommendations
	<ul style="list-style-type: none"> <li>• Chaired by professor John Worthington Founder DEGW and commissioner Independent Transport Commission (ITC)</li> </ul>
12.30 - 14.00	Lunch
	<ul style="list-style-type: none"> <li>• (Parallel: Political Lunch for invitees only)</li> </ul> <p>During lunch an announcement will be made by The City of The Hague concerning a new sub network of Metrex: the cities of the ABC-region. This is the mega region Amsterdam –Brussels-Cologne. Together we would like to explore our common spatial-economic interests, challenges and opportunities. We would like to invite Metrex members to join this sub network. Our intention is to organize a dedicated meeting for this network during the Brussels meeting in Fall 2018. Then we would like to set up a common spatial-economic agenda and explore new possibilities to work together.</p>

- **San Sebastian Smart Cities Programme**

*San Sebastián has extensive experience in energy, mobility and ICTs, having integrated them in the new smart concept since 2013 and later into the preparation of the Smart City Plan in which the European Union participated and provided funding. The SmartKalea project came about in 2014 backed by San Sebastián City Council's development company, Fomento San Sebastián. Traders, hotels and restaurants and residents of a street as well as diverse municipal departments and local businesses became all engaged in the ambitious aim of energy and water savings in shops and homes, as well as savings in public street lighting. For the city of San Sebastián, the project provides funding of around €11 million, which is an important boost for its implementation in the Urumea Riverside District – Distrito de la Vega del Urumea, which will improve energy and mobility aspects and ICTs/Infrastructures throughout the city. The main objectives of this project are: the development of a sustainable city model, the transition towards a smart city in terms of energy efficiency, sustainable mobility and ICTs, and the deployment of innovative technologies that increase the efficiency of resources and energy, increase the sustainability of urban transport and drastically reduce greenhouse gas emissions in urban areas*

- **Irun Cross-border Mobility and Urban Regeneration**

*Irun is located on the gateway to Europe. Set exactly on the landmark. A setting that for many years separated both countries and is now the centre of a cross-border community. The movement on both sides of the Bidasoa River, a natural border, has always been an unresolved issue. The problem of trying to procure a cross-border bus was resolved only a year ago. The Topo, a narrow-gauge railway, crosses the Bidasoa River over the Santiago bridge and stops off in the town of Hendaye, and work is underway for Irun to become the site of an International Train Station, once the railway system is standardized after the adaptation of the Iberian and European gauges. The visit shows current realities and future projects in cross-border mobility.*

- **Deba. Kosta system; system measuring climate change effects in the coastal area.**


*Visit the video metrics Network being developed on the coastline of Gipuzkoa, in order to understand the impact of climate change. Gipuzkoa has a climate change strategy established in goal 4: Increase the resilience of the natural environment and goal 7: Anticipate the risks and goal 8: promote innovation and knowledge transfer, specific actions such as the video metrics network enabling Administrations to gain more knowledge of the risks for the coastal environment. It will provide data in order to make future investment decisions and how to plan and undertake our development adapted to climate change. This video metrics network, along with the climate change strategy and the studies to be developed will enable us to understand and analyse the decline of our beaches and coastline as a result of future projections of the climate change effect. Our coast, our shoreline, which has a high environmental and economic value, is increasingly being subjected to this natural pressure, making it necessary for us to undertake high resolution monitoring as soon as possible, that will enable us to have the necessary data for the developing future actions to mitigate as well as adapt to climate change.*

- **Iretza Sagardotegi - Troia ibilbidea, 25, 20115 Astigarraga**  
(Transport will be arranged: more information available during the conference)

Friday 8 June	Capturing the Benefits from Sustainable Mobility Investments
METREX Day	Moderator: Henk Bouwman, Secretary General METREX
Conference Venue	Tabakalera International Centre: Andre Zigarrogileak Plaza, 1 20012 Donostia / San
Programme	METREX Gipuzkoa Spring Conference
9.00 - 9.10	<p><b>Welcome and Introduction</b></p> <ul style="list-style-type: none"> <li>• <b>Dr. Nicola Schelling</b>, President of METREX</li> </ul> <p><b>REMEMBER TO REGISTER FOR THE PARALLEL WORKSHOPS LATER TODAY</b></p>
9.10 - 10.10	<p><b>Introductions to Metropolitan Approaches for Sustainable Mobility</b></p> <ul style="list-style-type: none"> <li>• Integrated Mobility as a catalyst for inclusive economic growth in the West Midlands.  <b>Sandeep Shingadia</b>, Director Development and Delivery Transport for West- Midlands (TfWM), 'Greater Birmingham'  <i>Transport is a key area the Mayor of the West Midlands, Andy Street, has powers and is a lead influence over on behalf of the West Midlands Combined Authority (WMCA). As a result Transport for West Midlands (TfWM) has been set up as part of the WMCA to co-ordinate investment to improve the region's transport infrastructure and create a fully integrated, safe and secure network. It is also responsible for assessing and planning the region's future transport needs so the network can meet the demands of businesses and a growing population. TfWM works on providing an inclusive transport network. Being set up recently it can be ahead of the game, learning from other's successes!</i> </li> <li>• Infrastructure as pre-condition for sustainable development?  <b>Thomas Kiwitt</b>, Verband Region Stuttgart, Director Planning  <i>Metropolitan development is always in triggered by accessibility - like the ancient Greek idea of a polis as unit of centre and hinterland: Mobility is crucial for the prosperity of metropolitan areas. However, infrastructure alone does not lead to prosperity - and to avoid building infrastructure is not necessarily sustainable.</i> </li> <li>• Social Mobility and Transport - cases from Latin - America  <b>Dr. Claudia Murray</b>, researcher Henley Business School of Management, University of Reading (UK)  <i>Dr. Claudia Murray will give an overview of the transport changes implemented in Latin America at the turn of the new century. It critically revises a series of now iconic examples like the BRT and the cable car, exposing their impact on the society with particular attention to low-income groups. The presentation will also cover current provision of transport services in informal communities, highlighting the advantages/disadvantages of bottom-up solutions. It will review increasing tendencies to involve communities in the mapping and planning of local transport needs, asking the audience to consider the pros and cons of unregulated and flexible systems. Finally the presentation will conclude with a review of challenges and opportunities the region faces in the context of climate change, the SDG and current downturn in regional macro-economic conditions.</i> </li> </ul> <p><b>Parallel Workshops (Session 1): Metropolitan 'Instruments' and approaches for Sustainable Mobility</b></p> <p><i>Chaired by METREX members (15 minutes presentations, 30 minutes discussion, 5 minutes conclusions)</i></p> <ul style="list-style-type: none"> <li>• What about cars? - Update on the Toll-Ring programme, Oslo  <b>Peter Austin</b>, Planning Advisor City of Oslo  <i>The toll ring and the Master transport plan for Oslo and Akershus (Oslo Package) constitute an important financing framework for public transport investments. When introduced in 1990, 10 % of toll ring revenues were used for public transport. Since then, the share has increased. Recently, a revised plan (Oslo Package3) was agreed upon, with a budget of approx. EUR 8 billion for the period 2017-2036. In Oslo, 93 % of the revenue will be earmarked for investments in public transport system, improved bicycle infrastructure and to promote walking reducing the number of fatalities and serious injuries by traffic, and reducing congestion.</i> </li> <li>• Sustainable density creates liveable places with regional connectivity  <b>Per Kristersson</b>, Senior Planner Göteborg Region Association of Local Authorities  <i>Göteborg Region, as a Partner in the Interreg project SMART-MR, looked into how to develop the T.O.D concept. Transit oriented development rely and focus on the transit aspects of development. Our project looks into how to sustainably densify an area and thereby creating more space for housing, people and liveability. The approach includes participatory planning, regional connectivity and liveability as ingredients in what we call LOAD, Liveability Oriented Area Development.</i> </li> </ul>
10.10 - 11.00	



11.00 - 11.15	<ul style="list-style-type: none"> <li>Managing investments for maximising the benefits <b>Elaine Trimble</b> Director Urban Infrastructure Siemens <i>Siemens is working to change the discussion about air quality from one of constant planning to 2050 to local, targeted, action today. Cities are dealing with the current air quality crisis through very blunt tools, such as banning diesel cars, and while this is effective there are possibly better decisions that they could take if they better understood what else could be done. Siemens is delivering this through our City Air Management technology, which can help cities to make better decisions and engage with their citizens on air quality today and better plan for longer-terms GHG reductions and air quality improvements.</i></li> </ul>
11.15 - 12.00	<p><b>Parallel Workshops (Session 2): Metropolitan 'Instruments' and approaches for Sustainable Mobility</b></p> <p><i>Chaired by METREX members (15 minutes presentations, 30 minutes discussion, 5 minutes conclusions)</i></p> <ul style="list-style-type: none"> <li>Housing and Mobility: Effects on Social Mobility, in depth discussion on cases Latin America • <b>Claudia Murray</b> (see above) and <b>Camilla Ween</b>, Transport Expert Goldstein &amp; Ween, former Transport for London</li> <li>Socio-economic mobility as key purpose of the The Hague Central Innovation District (Metropolitan region Rotterdam - The Hague) <b>Erik Pasveer</b> and <b>Peter Pol</b>, City of The Hague <i>One of the strategic investments of the City of The Hague is in the Central Innovation District (CID). It means investing in economic modernization, urban densification and new transport infrastructure. A key purpose of the CID is socio economic mobility. The CID has to strengthen the regional knowledge economy and to generate new jobs for highly educated people as well as for less educated people. At the same time it has to contribute to a densification of the city by facilitating a relatively large number of houses, work locations and related facilities and by new sustainable urban transport infrastructure. The latter has to be improved particularly on the regional scale to improve the functioning of the regional labour market. One of the means to reach these complementary goals is a long term cooperation with the regional knowledge institutes. In our session we will present and discuss the comprehensive development goals related to socio-economic mobility. Moreover, we want to explore the possibilities to work together with other cities in this field.</i></li> <li>Cycle Highways in the FrankfurtRheinMain region, including preliminary results of the Interreg NWE CHIPS project by <b>Reinhard Henke</b>, Regionalverband FrankfurtRheinMain</li> <li>Model-based build up of charging stations in urban and rural areas – effects on housing and mobility? • <b>Ulrike Thiessen</b>, Metropolregion Hamburg <i>Hamburg Metropolitan Region (HMR) presents their approach on E-mobility. HMR is in the end phase of a project that combines a scientific model (for the whole HMR) on where to place charging stations with the practical placement of charging stations. We 'rasterised' the whole region of 28.500 km<sup>2</sup> in 200x200 Meter cells, integrated in the road net, the population structure and all relevant points of interest (such as supermarkets, leisure facilities, hospitals etc.) and developed a model for a high power and normal power charging stations. This covers both the urban centres of HMR and the rural areas. There are some charging points added for the practical evaluation of the scientific model.</i></li> </ul>
12.00 - 13.00	<b>Re-cap and discussion on workshop outcomes</b>
13.00 - 14.00	<i>Lunch</i>
14.00 - 14.45	<b>Introduction to the ESPON SPIMA Report: recommendations and the way forward</b>
14.45 - 15.30	<ul style="list-style-type: none"> <li><b>Michael Rosenberger</b>, Vienna (key contributor to the SPIMA report)</li> </ul>
15.30 - 15.45	<b>METREX Strategy Plan: steps forward!</b>
15.45 - 16.00	<b>METREX Announcements</b>
16.00 - 16.15	Close by <b>Dr. Nicola Schelling</b>

6 - 8 June 2018		METREX Gipuzkoa Spring Conference			
Conference Venue		<ul style="list-style-type: none"><li>Tabakalera International Centre for Contemporary Culture Andre Zigarrogileak Plaza, 1 20012 Donostia / San Sebastián</li></ul>			
Venue Map					
Contacts		<p>Gipuzkoa County Council</p> <ul style="list-style-type: none"><li>Leire Goienetxea Eckoinq Communication  E-mail <a href="mailto:leire@eckoinq.com">leire@eckoinq.com</a></li></ul> <p>METREX</p> <table><tr><td><ul style="list-style-type: none"><li>Tim PAGE Head of Secretariat 70 Cowcross Street London EC1M 6EJ telephone +44(0) 7887 511 992 E-mail <a href="mailto:tim.page@eurometrex.org">tim.page@eurometrex.org</a></li></ul></td><td><ul style="list-style-type: none"><li>Henk BOUWMAN Secretary General 70 Cowcross Street London EC1M 6ERJ +31(0) 654 295 377 <a href="mailto:henk.bouwman@eurometrex.org">henk.bouwman@eurometrex.org</a></li></ul></td></tr></table>		<ul style="list-style-type: none"><li>Tim PAGE Head of Secretariat 70 Cowcross Street London EC1M 6EJ telephone +44(0) 7887 511 992 E-mail <a href="mailto:tim.page@eurometrex.org">tim.page@eurometrex.org</a></li></ul>	<ul style="list-style-type: none"><li>Henk BOUWMAN Secretary General 70 Cowcross Street London EC1M 6ERJ +31(0) 654 295 377 <a href="mailto:henk.bouwman@eurometrex.org">henk.bouwman@eurometrex.org</a></li></ul>
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Conference Registration		<ul style="list-style-type: none"><li><a href="#">METREX Members and other participants can register through the METREX website.</a></li><li><a href="#">Hotel accommodation and travel Information.</a></li></ul>			

METREX	The Network of European Metropolitan Regions and Areas
6 - 8 June 2018	METREX Gipuzkoa Spring Conference
Contributors to the Conference	Sustainable Mobility - An Integrated Metropolitan Approach



**Dr. Nicola Schelling**, Regional Director, Verband Region Stuttgart and President of METREX

Dr. Nicola Schelling is the politically elected Regional Director of the Stuttgart Region. In addition, she is President of METREX. Before taking her current office, she was Head of the Representation of the State of Baden-Württemberg to the EU in Brussels. Dr. Nicola Schelling studied Law in Marburg and Paris.

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**Mirasol Garmendia**, Deputy for Mobility and Spatial Planning, Gipuzkoa Provincial Council

Mirasol Garmendia is Deputy for Mobility and Spatial Planning in the Gipuzkoa Provincial Council. She has a degree in information sciences from the University of Navarra. She is journalist and she was city councillor in the city of San Sebastián responsible for the organisation of public administration and for the preparation of the candidature for San Sebastian European Culture Capital 2016.



**Miguel Angel Crespo**, General Director of the Department for Planning, Gipuzkoa Provincial Council

Miguel Angel Crespo is General Director of the Department for Planning of the Gipuzkoa Provincial Council. He graduated in Geography and History and Political Science. In his role he is challenged to implement both territorial and socio-economic aspects in regional planning since the ordination of the territory of Gipuzkoa. He is the former Director of the project of cross-border cooperation (Euskadi-Aquitaine) and projects for interregional cooperation in the Basque Government (2011-2012).

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**Iñaki Orego Larreina**, General Director of Mobility, Gipuzkoa Provincial Council

Iñaki Prego Larreina is General Director of Mobility for the Gipuzkoa Provincial Council. He is an engineer in telecommunications. He worked in various companies such as Enagas and Retevisión. And was CEO of Metro de Bilbao and Consorcio de Transportes de Bizkaia (201-2012). In his role in Gipuzkoa Provincial Council Iñaki is responsible for the implementation the sustainable mobility.

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**José Ignacia Asensio Bazterra**, Deputy for Environment, Gipuzkoa Provincial Council

José Ignacio Asensio Bazterra is Deputy for Environment in the Gipuzkoa Provincial Council. He holds a master degree in MBA. José is City Councillor in Tolosa and worked for various companies and was CEO of Eusko Trenbide Sareak (ETS) railway network in Basque Country (2009-2013).



**Ernesto Gasco, Vice-Mayor San Sebastian**

Ernesto Gasco is Vice-Mayor of the San Sebastian and responsible for the San Sebastian Formento Agency. He holds a degree in Geography. Ernesto has a long experience as City Councillor in San Sebastián responsible for mobility, labour market, economic development, tourism, et He was Vice-Minister for Mobility and Transports in the Basque Government (2009-2012). In his role as Vice-Mayor he is in charge of the local development and tourism and smart city planning.

**Arantza Leturiondo, Vice Minister of Landplanning, Ministry of Environment**

Arantza Leturiondo is Vice Minister of Land Planning in the Ministry of Environment, Land Planning and Housing of the Basque Government. She is lawyer, civil servant and her career has been focused on public management and governance with different roles and responsibilities on land planning, urbanism and environment at both local and regional level. She was Vice Ministry of Environment (2011-2013), in the Basque Government.

The Sub-Department she leads is focused on the design of a territorial planning which will let us to live and enjoy in affordable cities, towns and villages, more pleasant, healthy and attractive, as well as approaching job to residence, provide an environment better care and more accessible for all citizens. Improving our employment and housing opportunities and having a more effective and integrated infrastructures are other objectives and challenges.

**Manel Villalante Llauradó**

Manel Villalante Llauradó is an executive management expert with over 30 years experience in transport from operator and infrastructure perspective, both in executive positions in public transport companies and relevant positions in the public administration ( City of Barcelona, Regional government of Catalonia and Spanish Government)

Manel is founder and director of the "Smart Mobility: Intelligent Transport Systems" post-graduate programme at the UPC School of Professional & executive Management in Barcelona.

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**Dr. Alberto Leboreiro Amaro**

Dr. Alberto Leboreiro Amaro is the General Director of Regional Planning in the Community of Madrid since 1991. He is Professor Madrid University, Department for "Master in Real Estate Development". Alberto was the former President of METREX, The Network of European Metropolitan Regions and Areas (2012-2014). He is an Executive Member of the Urban Land Institute (ULI) in Spain (since 2008). He was a professor at CEU San Pablo University of Madrid (2007-2014). Alberto has a PhD in Architecture with a distinction "cum laude" given unanimously for his Doctoral Thesis with the title "Spatial Planning in the European Global Cities: The case of Madrid" 2015. Madrid Architectural Superior Technical School.

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**Ir. Henk J.M. Bouwman, Secretary General METREX**

Ir Henk J.M. Bouwman is Secretary general of METREX and Director founder of UiP urban producers Lyon – London. He holds a degree in Urbanism from the University for Technology in Delft, and has specialised in designing in places where urban change meets infrastructural interventions. He was co-researcher for the Independent Transport Commission (ITC) on the spatial impact of High Speed Rail (HS2) on UK cities. He produced a scenario study on UK Rail 2065 for the Foresight programme within the Government Office for Science. He has worked on the development of the Utrecht Station District from inception to completion. He has held a number of academic posts and is director of The Academy of Urbanism UK.

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**Professor John Worthington MBE**

Professor John Worthington MBE studied at the Architectural Association London and on a Harkness Fellowship at the University of Pennsylvania and UC Berkeley. Founder DEGW (1973-2002) a global consultancy in workplace strategy, briefing and change management. He has pioneered methods of adapting urban and space planning techniques to meet the needs of emerging knowledge-based economies. From 1992-7, Worthington was director of the Institute of Advanced Architectural Studies and professor of architecture at the University of York. He has been a visiting professor at the University of Sheffield in Briefing and Building Performance (1997-2008), Chalmers University of Technology, Gothenburg (2000-03) and professorial fellow at the University of Melbourne (2007-10). Worthington was a commissioner with the Independent Transport Commission and a director of The Academy of Urbanism. He was awarded an MBE for his services to transport and urban regeneration in the 2016 New Year Honours List.

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**Irma Karjalainen, Director Regional and Environmental Information, Helsinki Region**

Irma Karjalainen is the director of Regional and Environmental Information at the Helsinki Region Environmental Authority HSY. For the past four years she has lead the department's work focus on urban climate mitigation and adaptation, air quality and spatial data. Irma worked earlier as the Chief Advisor, Department of Environment and Transport at the City of Oslo. Her responsibilities have included developing joint climate strategies and climate action plans. She has a long working experience in land use planning and in developing participatory planning processes in cities and municipalities. Irma has a MSc degree from the Aalto University. She is the Vice President of Metrex.

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**Kerri Farnsworth**

Kerri Farnsworth is an award-winning urbanist with over 20 years' experience in leading complex award-winning projects & programmes, plus associated policy and strategy, in cities across the world. An experienced collaborator, peer panellist, speaker, mentor and author, she is passionate about creating human-scale places and spaces in our towns & cities that deliver balanced and sustainable social and economic benefits. She has particular expertise in delivering complex/multi-partner initiatives, investor positioning, transport-oriented development (TOD) and using culture & heritage as a key driver for change.

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Sandeep Shingadia is Director of Development & Delivery for Transport for West Midlands (TfWM) which falls under the overall West Midlands Combined Authority (WMCA). Sandeep is responsible for a number of high profile transport programmes including the High Speed Rail (HS2) Connectivity Package, bus rapid transit and active travel. Sandeep is a member of TfWM's Leadership Board, leads for TfWM on a range of programme boards and is also a board director for Colmore Business Improvement District. Sandeep is a passionate and knowledgeable transport professional with over 20 years' experience within a public transport development setting.

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**Thomas Kiwitt, Head of Department of Regional Planning, Verband Region Stuttgart**

Thomas Kiwitt is head of the department of regional planning in one of Germany's most densely populated and prosperous regions. He leads the implementation of Stuttgart Region's spatial strategy for mitigation and adaptation, which comprises the enforcement of mandatory guidelines for spatial development, consultancy and support services for local authorities and research activities. Recently he coordinates a pilot project to improve sustainable transportation in Stuttgart Region. He is a member of the German academy for spatial research and planning's study group for regional planning. He is a lecturer and member of the advisory board at the masters program for city planning at the University of Applied Sciences in Stuttgart. Thomas Kiwitt is also a member of the Building and Transport Committee of the German Association of Cities and member of the EU working group on Sustainable land use and nature-based solutions. Thomas Kiwitt holds "Dipl.-Ing." degree for spatial planning from the University of Kaiserslautern. Prior to working for Stuttgart Region, he worked for cities and regions in Germany as well as for the metropolitan administration of Jakarta, Indonesia

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Peter Austin is Planning Advisor at the City of Oslo, Dept of Urban Development. His work covers regional planning cooperation and international networks and projects relating to urban planning. Austin studied planning in UK during the 1980's and moved to Norway in 1988. He has worked in public and private sectors in and around Oslo, focusing mostly on regional and strategic issues. International work has included METREX and EUROCITIES networks, and helping to set up and support EU projects in Interreg, URBACT and ESPON, as well as OECD research.

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**Per Kristersson, Senior Planner, Göteborg Region Association of Local Authorities**

Per Kristersson is senior planner at Göteborg Region Association of Local Authorities (GR), Sweden. He has spent many years working with various issues at the regional level in Göteborg, Sweden. This has included Public Transport Planning, Infrastructure investment packages introducing a Congestion Tax, land use planning and of course traditional regional planning. In recent years a growing interest in development the region in a more sustainable direction has given the understanding that a holistic approach is essential and silo thinking will not solve the big questions.

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**Dr. Claudia Murray, Research Fellow, Henly Business School Reading University**

Dr. Claudia Beatriz Murray is a Research Fellow at the School of Real Estate and Planning, University of Reading. Her research interests focus on the socio-cultural and economic implications of rural and urban development of the built environment. Claudia has received several research grants from councils including the Arts and Humanities Research Council, The British Council and the Visiting Arts Board. She is the Latin American regional convenor for the Academy of Urbanism, a Fellow of the Royal Society for the Encouragement of Arts, Manufactures and Commerce (RSA), and an associate of the Walker Institute for Climate Change. She is also principal investigator in urban laboratories in Latin America that involve international aid organisations, a consultant for the Newton Fund Programme and a reviewer for research councils in the UK, Brazil and the Netherlands. Claudia has a degree in Architecture, a MA in Cultural Studies, a MSc in Real Estate Appraisal and a PhD in Human Geography/Architecture. She has published widely in the areas of environment and development, sustainable housing and housing policies and urban inequality. Her latest work Real Estate Markets and Development in South America has just been published by Routledge <https://www.crcpress.com/Real-Estate-and-Urban-Development-in-South-America-Understanding-Local/Murray-Monetti-Ween/book/9781138185517>

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Camilla Ween trained at the Architectural Association. She worked for Transport for London for 11 years advising the mayor on land use policy and development and the integration of public transport service. She was awarded the Harvard Loeb Fellowship in 2007 where she researched climate change, future cities and sustainable development. She is an author of many articles and books and lectures regularly at international universities and conferences. Camilla is President of WTS London (Women in Transport) and Chair of the Spacelink Learning Foundation (educational charity).

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Elaine is a Director within Urban Development within Siemens' Global Center of Competence for Cities in London. Elaine is engaging with cities around the globe with the aim to build an understanding of the role that technology can play in urban infrastructure to improve quality of life. Improving quality of life is an aim that Elaine brings into her work particularly when cities are considering their digital strategies and smart technologies. Elaine has a particular focus in the rolling out of smart city technology and thinking particularly in relation to energy and air quality. Elaine is leading the Siemens relationship with 100RC, and she is leveraging the strength of our wider team to offer insights and build resilience in more cities across the globe. Elaine is building on her nearly 10 years in strategic city consulting experience with Arup and her understanding of infrastructure finance from her time with the European Bank for Reconstruction and Development.

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Erik Pasveer is head of the department for Urban Design and Urban Planning since 2010. Before that Erik has worked for various Dutch cities including Amsterdam, Rotterdam and Delft. He has worked as a teacher, researcher and manager at TU-Delft and the Academy of architecture, urban planning and landscape architecture in Amsterdam.

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Peter Pol is senior urban planner at the City of The Hague. He works particularly on large-scale urban developments related to urban transport infrastructure and works close together with other large cities in The Netherlands. Peter has a background in urban economics. He is associated to the School of Economics at the Erasmus University of Rotterdam. Peter runs an education programme on Urban Resilience for the Master City Developer programme. He wrote a PhD study on a Renaissance of Stations, Railways and Cities, Economic Effects, Development Strategies and Organisational Issues of European High-Speed-Train Stations and has published widely in the areas of urban economics and urban infrastructure.

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Ulrike Thiessen is Coordinator for Electro Mobility in the Hamburg Metropolitan Region. Her background is in spatial planning, studied at the Dortmund University. She has experience in regional planning in relation to Wind Energy for the Regional County of Cuxhaven.

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**Michael Rosenberger, deputy Head of the Urban and Regional Development Division, City of Vienna**

Michael Rosenberger is an urban planner and deputy head of the Urban and Regional Development Division of the City of Vienna. In this role he has been responsible for major strategy processes like the Vienna Urban Development Plan "STEP 2025" and the ensuing technical concept "Productive City". Michael believes in the value of active strategies to pave the way for future changes. Previously he was a key member of the team behind "Seestadt Aspern", a 200 ha innovative mixed use development on the edge of Vienna. Before joining the city administration he graduated in urban planning from TU Wien and worked in a consulting firm on urban issues.

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