

# REAL CORP 2009

14th International Conference on Urban Planning, Regional Development and Information Society



## Strategies, Concepts and Technologies For Planning the Urban Future



**22 - 25 April 2009**  
**Centre de Disseny de Sitges**  
**Catalonia/Spain**

# CONFERENCE PROGRAMME



CEIT ALANOVA  
Institute of Urbanism,  
Transport, Environment  
and Information Society



Ajuntament  
de Sitges

**C O R P**

Kompetenzzentrum für  
Stadtplanung und Regionalentwicklung



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## WELCOME TO SITGES



**Jordi BAIJET I VIDAL, Mayor of Sitges, Catalunya/Spain**

Welcome to Sitges! The say the secret is in the microclimate that seems to have settled in Sitges. The Garraf Mountains and the sea breezes keep the sky clear for around three hundred days of the year. Others add the nights, the beaches, good links to Barcelona, the peacefulness and, of course, its people.

The verb “to negotiate” I derived from the Latin expression “deny free time” or in other words, keep your nose to the grindstone. Taking the word literally you may think that Sitges is not the best place to deny people free time. However, it is more a case of combination than denial, and you only have to look at the statistics to see it. Sitges has more than five thousand hotel beds of all different styles throughout the town, half of them 4 and 5 stars.

The statistics also show the town’s ability to organize, with more than two thousand places available for all kinds of events, from meetings to conferences, conventions and gymkhanas (yes, gymkhanas).

However, these statistics do not reflect dips in the sea or dinners by the beach, useful tools to be able to see the business world from a much less stressful viewpoint. Well, Sitges is strongly interested in the topic of “The future of Cities” and it is a pleasure to host REAL CORP 2009. I am sure that the Sitges spirit will provide a fruitful soil for new solutions and fire the imagination of the participants!



## WELCOME TO REAL CORP 2009



**Manfred SCHRENK, Chairman CORP, Managing Director of CEIT ALANOVA – Central European Institute of Technology, Dept. of Urbanism, Transport, Environment & Information Society**

If an annual international congress has been successful for more than 12 years in winter time Vienna, there must be more than just the attractiveness of the venue ... – but of course a great venue contributes a lot to a successful congress.

With the foundation of a project office of ISOCARP, the International Society of City and Regional Planners, and the involvement in numerous projects and activities on the future of cities Sitges is a pioneer and model for many other cities, but it is even more important that Sitges shows us every day how to handle the challenges of everyday life and keep an open, cosmopolitan mind – so there is no better place for a congress under the topic “CITIES 3.0: smart, sustainable, integrative“.

CORP conferences are well known for their special vibrant atmosphere and for their being ahead of the time in the topics – and I am sure we will see many outstanding ideas of cities and regions on how to become smart, sustainable and integrative and how to improve the quality of life.



### KEYNOTE ON CITIES – THE INNOVATIVE PLACES OF MANKIND



#### **Greg CLARK, United Kingdom, Keynote “Making Cities And Regions Work“**

Greg Clark helps cities, regions and their partners to deliver effective strategies based on his experience of:

- Working in London for 15 years in leadership positions within city agencies.
- Visiting and reviewing over 100 cities and regions around the world in the past twelve years.
- Advising 20 individual cities in four continents on strategies and tools for success.
- Advising National/Federal Governments and Inter-Governmental Organisations on how they help cities and regions to succeed.



### ISOCARP WELCOMES REAL CORP 2009



#### **Pierre LACONTE, Belgium, President ISOCARP – International Society of City and Regional Planners**

It is my pleasure to address to you all my personal greetings at the REAL CORP 2009, with a special word of thanks to Mr. Jordi Bajet i Vidal, the Mayor of the hosting town of Sitges. It is in the overall interest of us planners to reconsider the current situation and the future of cities again and again. Therefore ISOCARP is very happy to be a co-operation partner of this year's CORP conference with the important topic of CITIES 3.0: SMART. SUSTAINABLE. INTEGRATIVE. Planning experts from all over the world will present and exchange their ideas on the urban future. Allow me to already draw your attention also on the ISOCARP congress “Low Carbon Cities” in Porto/Portugal in October 2009.

I wish all of you some interesting days in Sitges, with inspiring presentations and discussions, and getting in touch with planners with different cultural backgrounds. Finally may I address a special word of thanks to the conference organiser Manfred Schrenk and his CORP team from Austria.

### KEYNOTE ON LOW CARBON CITIES (TOPIC OF THE ISOCARP 2009 CONGRESS)



#### **Chris GOSSOP, UK, Board Member ISOCARP General Rapporteur for ISOCARP 2009 Congress in Porto/Portugal**

The environmental effects of man's activities, in the context of the world's expanding cities and city regions, is to be seen as a key issue for planners around the globe. It is those cities and agglomerations that are undoubtedly the source of a large share of the greenhouse gas emissions that underlie climate change; at the same time, these are the places that are often the most vulnerable to its effects.

Time is short and if we are to avoid the worst effects of anthropogenic climate change, we must act and act quickly. The challenge is to use (and reuse) our resources, including land, far more efficiently and, in particular, to move towards low carbon cities.



### REAL CORP 2009 CONFERENCE TOPIC

#### **CITIES 3.0 – Smart, Sustainable, Integrative** Strategies, concepts and technologies for planning the urban future

REAL CORP 2009 asks for future perspectives of cities under the general topic “CITIES 3.0: SMART, SUSTAINABLE, INTEGRATIVE. Strategies, concepts and technologies for planning the urban future“. Although major parts of the world are blessed to live in peace and economic wealth at the beginning of the 21st century, the world is facing serious challenges like



- climate change and environmental issues as well as rising energy consumption and competition on scarce natural resources,
- ongoing globalisation with fundamental changes in economic and working environment around the globe,
- demographic changes, like aging population in Europe and rapid urbanisation in Asia.

In a changing world cities have to advance and to adopt to stay what they are and have always been:

- drivers of innovation and social improvements,
- centers of economic activities, science, knowledge and arts,
- and the best places to live for the vast majority of people.



REAL CORP 2009 deals with the challenges and perspectives for cities and asks how they might look like and be organized and managed in the future, with a special focus on the role of information and communications technologies in urban development. The major questions to be dealt with at the conference in April 2009 and related to which we invite your contributions are:

- What makes cities smart, sustainable and integrative – and livable?
- How can cities and regions take advantage of globalisation and keep their local character - how to “gLOCALize“?
- How can planners help cities find the way to a successful future?
- Government, governance, mediation, participation and planning - are there models for short-term and long-term perspectives?
- Are there technologies that can support the above-mentioned goals?
- Are there best practises for “livable cities of tomorrow“?



### ABOUT CORP

CORP conferences have been held annually since 1996 and are Europe’s major congresses on Urban Planning, Regional Development and Information Society. The events are extraordinarily interdisciplinary, whereby usually a lot of new ideas and projects are generated. About 400 experts from around the world from the fields of urban planning, transport planning, information and communication technologies, architecture, ecology, real estate, GIS and surveying, multimedia technologies and more meet to discuss current tasks and topics on urban planning, regional development and information society in an international and interdisciplinary conference. Speakers and participants represent private companies as well as research institutions and public administration.

CORP 2009 will be co-organized by ISOCARP, the International Society of City and Regional Planners ([www.isocarp.org](http://www.isocarp.org)), CEIT ALANOVA and CORP association ([www.corp.at](http://www.corp.at)). The programme includes expert lectures, round tables and workshops, business presentations and exhibitions as well as extensive social events.



## CONFERENCE SCHEDULE

### Tuesday, 21 April 2009

19:00-20:30

**Informal pre-conference pool-side reception**  
at Hotel Subur Maritim, supported by Belize Caribbean Riviera

### Wednesday, 22 April 2009

08:30-10:00

**Registration**

10:00-12:00

**Opening and Keynote Speech**

12:00-12:30

Short Coffee Break

12:30-14:00

**Presentations (3 Parallel Sessions)**

14:00-15:00

Lunch Break

15:00-16:30

**Presentations (4 Parallel Sessions)**

16:30-17:00

Short Coffee Break

17:00-18:30

**Presentations (4 Parallel Sessions)**

### Thursday, 23 April 2009

09:00-10:30

**Presentations (4 Parallel Sessions)**

10:30-11:00

Short Coffee Break

11:00-12:00

**Presentations (4 Parallel Sessions)**

12:00-13:00

**Keynote Speech**

13:00-14:30

Lunch Break

14:30-16:00

**Presentations (4 Parallel Sessions)**

16:00-16:30

Short Coffee Break

16:30-18:00

**Presentations (4 Parallel Sessions)**

afterwards

**Evening Reception**

### Friday, 24 April 2009

09:30-11:00

**Presentations (3 Parallel Sessions)**

11:00-11:30

Short Coffee Break

11:30-13:00

**Presentations (3 Parallel Sessions)**

13:00-13:30

Short Coffee Break

13:30-15:00

**Presentations (2 Parallel Sessions)**

15:00-15:45






**Closing Session**

### Saturday, 25 April 2009

09:00-14:00

**Guided Walk, Bus Tour**




08:30	Registration & Come Together at Design Center Sitges	
10:00	REAL CORP 2009 Opening and Welcome by Representatives of Organizers and Partners <span style="float: right; background-color: red; color: white; padding: 2px;">Auditorium 1</span>	
		<b>Jordi BAIJET I VIDAL</b> , Mayor of the City of Sitges, <a href="http://www.sitges.cat">http://www.sitges.cat</a>
		<b>Oriol NEL LO I COLOM (on behalf of Minister Joaquim NADAL I FARRERAS)</b> , Secretary of Town and Country Planning and Public Works, Government of Catalunya
		<b>Pierre LACONTE</b> , President ISOCARP – International Society of City and Regional Planners, <a href="http://www.isocarp.org">http://www.isocarp.org</a>
		<b>Manfred SCHRENK</b> , Director CEIT – Central European Institute of Technology & CEIT ALANOVA – Department for Urbanism, Transport, Environment and Information Society, <a href="http://www.ceit.at">http://www.ceit.at</a> Chairman CORP – Competence Center of Urban and Regional Planning, <a href="http://www.corp.at">http://www.corp.at</a>
		<b>Keynote Speech:</b> <b>Low Carbon Cities</b> <b>Chris GOSSOP</b> Chris is a British town planner who has combined work in a variety of central and local government posts, as well as in a pressure group, the Town and Country Planning Association, with outside interests in the field of international planning. He is Vice-President of ISOCARP and serves on the International Committee of the Royal Town Planning Institute. Chris is General Rapporteur for the upcoming ISOCARP-World-Congress in October in Porto under the topic "Low Carbon Cities".
	<b>Keynote Speech:</b> <b>Digital Inclusive Cities for Sustainability</b> <b>Loris DI PIETRANTONIO</b> <b>DG Information Society and Media, European Commission</b> Loris Di Pietrantonio is currently Policy Assistant to Director for ICT addressing Societal Challenges at the European Commission – DG Information Society and Media. He has been recently involved in the design of policies for digital inclusion and impact assessments of policy Initiatives for digital inclusion. He has also worked on policy and programme evaluation in the area of information society and transport. His previous experience is in the area of design of research and innovation strategies and management of research projects.	

Parallel Sessions (reviewed papers are marked with 🏆 symbol)

12:30 - 14:00	<b>Approaches towards smart, sustainable cities</b> <span style="float: right; background-color: red; color: white; padding: 2px;">Auditorium 1</span> Chair: Pietro ELISEI	<b>Stadtentwicklung in der Wissensgesellschaft</b> <span style="float: right; background-color: blue; color: white; padding: 2px;">Auditorium 2</span> Chair: Wolfgang W. WASSERBURGER	<b>Spatial analysis and Information Fusion</b> <span style="float: right; background-color: orange; color: white; padding: 2px;">Auditorium 3</span> Chair: Josef BENEDIKT
	<p><b>Smart Cities/Smart People. Guiding, Ideas</b> <b>Manuel DA COSTA LOBO</b> Associação de Urbanistas Portugueses (AUP), Lisbon, Portugal</p> <p><b>Strategies and good practice for sustainable and liveable cities of tomorrow</b> <b>Isabela VELAZQUEZ*</b>, <b>Carlos VERDAGUER*</b>, <b>Ernst LUNG**</b>; <b>Uwe SCHUBERT**</b>, <b>Franz SKALA**</b> * Grupo de Estudios y Alternativas GEA 21, Madrid, Spain ** Institute for Ecological Urban Development, Wien, AT</p> <p><b>Transition Regions: Green Innovation &amp; Economic Development</b> <b>Philip COOKE</b> Cardiff University, Centre for Advanced Studies, Cardiff, Wales, UK</p> <p><b>The city planning cadastre system of Moscow as a tool for sustainable urban development</b> <b>Alexander PERESLEGIN</b>, <b>Sergey MELNICHENKO</b> Information Center MCA, Urban Cadastre Service, Moscow, Russian Federation</p>	<p>🏆 <b>Universität in der Stadt - Räume für die Wissensgesellschaft</b> <b>Kerstin GOTHE</b> Universität Karlsruhe/ KIT, Institut für Orts-, Regional- und Landesplanung, DE</p> <p>🏆 <b>Langfristige Bürger/-innen-Beteiligung - ein Beitrag zur nachhaltigen Stadtentwicklung</b> <b>Franz BRUNNER</b> Uni Graz, Institut für Geographie und Raumforschung, Graz, AT</p> <p>🏆 <b>Innerstädtisches Entwerfen in der City3.0</b> <b>Henning STEPPER</b>, <b>Ingo WIETZEL</b> TU Kaiserslautern, Lehrstuhl Stadtplanung, Kaiserslautern, DE</p> <p>🏆 <b>Green Spaces 3.0 - Qualitätsmanagement für die nachhaltige Sicherung der Funktionsfähigkeit von Grünflächen in urbanen Räumen</b> <b>Marcel HEINS</b>, <b>Matthias PIETSCH</b> Hochschule Anhalt (FH), Forschungsbereich: Informatik in der Landschaftsarchitektur und -planung, Bemburg, DE</p>	<p>🏆 <b>Urban simulation Using Neural Networks and Cellular Automata for Land Use Planning</b> <b>Hamid KIAVARZ MOGHADDAM</b>, <b>Farhad SAMADZADEGAN</b> Tehran University, Engineering faculty, Geomatics &amp; Surveying, Iran</p> <p>🏆 <b>Mofist-Mobile field survey tool for conversion areas</b> <b>Inga SCHELER</b>, <b>Hans HAGEN</b> Technische Universität Kaiserslautern, Kaiserslautern, DE</p> <p>🏆 <b>Study of the exploration of fire occurrence spatial characteristics and impact factors – A Case Study of Tainan City</b> <b>Hsueh-Sheng CHANG</b> National Cheng-Kung Univ., Dept. Urban Planning, Tainan, Taiwan</p> <p>🏆 <b>Integration of Vessel Traffic Control Systems and GIS</b> <b>Vasily POPOVICH*</b>, <b>Christophe CLARAMUNT**</b>, <b>Vasily OSIPOV*</b>, <b>Tianzhen WANG***</b>, <b>Dmitry BERBENEV*</b>, <b>Cyril RAY**</b> * SPIIRAS, OOGIS Lab., St. Petersburg, Russia ** Naval Academy Research Institute, France *** Shanghai Maritime University, China</p>
14:00	Lunch break		

15:00 - 16:30	<b>Energy efficiency as key to sustainable cities</b> <b>1</b> <b>Chair: Judith RYSER</b>	<b>Innovative strategische Stadtentwicklung</b> <b>2</b> <b>Chair: Dirk ENGELKE</b>	<b>Improving quality of life</b> <b>3</b> <b>Chair: Harry STORCH</b>	<b>Challenges and threats for quality of life</b> <b>4</b> <b>Chair: Paul Andor FARKAS</b>
	<p>🚩 <b>Energy-Efficient Urban Development in Emerging Megacities</b>  Hannah BALTES*, Alexander SCHMIDT*, Sabine DROBEK*, Jörg SCHÖNHARTING**, Artur WESSELY**, MARCO SCHUHMANN*  * University Duisburg-Essen, Essen, DE  ** TRC GmbH, Essen, DE</p> <p>🚩 <b>Advanced analysis of spatial multi-functionality to determine regional potentials for renewable energies</b>  Ulrike WISSEN, Adrienne GRÊT-REGAMEY  ETHZ, IRL, PLUS Planning of Landscape&amp;Urban Systems, Zürich, CH</p> <p>🚩 <b>Energy efficiency and solar renewable energy through minimalism</b>  Dragana VASILSKI, Svetlana STEVOVIC  Faculty of construction management, University Union, Architecture, Belgrade, Serbia</p> <p>🚩 <b>'Green Urban Catalyst': An Ex Post Evaluation of Sustainability Practices</b>  Maria CERRETA, Iaria SALZANO  University of Naples 'Federico II', Dept. of Conservation of Architectural and Environmental Assets, Naples, Italy</p>	<p>Hauptgebäude einer Kulturhauptstadt - Ars Electronica Center, Linz 09  Andreas TREUSCH  TREUSCH architecture ZT GMBH, Wien, AT</p> <p>🚩 <b>Innovative Stadtplanung als Prozessgestaltung – am Beispiel Musterprojekt „generationen_wohnen am Mühlgrund“</b>  Sabine GRETNER  Die Grünen, Wien, AT</p> <p>🚩 <b>Das Innovationsprogramm der Stadt Schwechat: Von der Verkehrsdrehscheibe zur Wissensdrehscheibe</b>  Franz KUCHAROWITS  Stadt Schwechat, AT</p> <p>🚩 <b>HUB 53/12° - das Logistiknetz Güstrow – Prignitz – Ruppitz</b>  Joachim RICHARD, Hildegard RICHTER-RICHARD  Planungsbuero Richter-Richard, Aachen, DE</p>	<p>🚩 <b>Improving Slum Conditions with Public Private Partnerships</b>  Tina CHANG  University of Pennsylvania, City Planning, Philadelphia, USA</p> <p>🚩 <b>Implementation of Sustainable Urban Transport Measures and their Political Dimension</b>  Oliver ROIDER, Tina UHLMANN  BOKU University Vienna, Institute for Transport Studies, Wien, AT</p> <p>🚩 <b>The green-cover network for sustainable environment – case study of Chennai city</b>  Meenatchi SUNDARAM  National Institute of Technology, Trichy, Department of Architecture, Trichy, India</p> <p>🚩 <b>The New Emscher Valley – Reshaping an urban Landscape creates regional Identity</b>  Frank BOTHMANN, Sabine AUER  Regionalverband Ruhr, Essen, DE</p>	<p>🚩 <b>The importance of active public communication - Settlement systems and land use patterns seen from a disaster perspective</b>  Christoph AUBRECHT, Mario KÖSTL, Markus KNOFLACHER, Klaus STEINNOCHER  Austrian Research Centers GmbH - ARC, systems research, AT</p> <p>🚩 <b>Terrorist Threat: Human Factor</b>  Vasily POPOVICH*, M. SCHRENK**, V. OSIPOV*, F. GALYANO*  * SPIIRAS, OOGIS Lab., St. Petersburg, Russia  ** CEIT Central European Institute of Technology, Schwechat, AT</p> <p>🚩 <b>Exploring Robbery Hotspots: Geospatial Analysis and 3D Mapping</b>  Markus WOLFF, Hartmut ASCHE  University of Potsdam, Department of geography, section geoinformation science, DE</p> <p>🚩 <b>CPTED (Crime Prevention through environmental design) - a considerable aspect in urban design</b>  Nasim IRANMANESH*, Kouros ETAATI**  * Islamic Azad University, Tehran, Iran  ** Jarf Sanat Sayna co., Tehran, Iran</p>
16:30	<b>Coffee break</b>			
17:00- 18:30	<b>Better cities by public participation?</b> <b>1</b> <b>Chair: Judith RYSER</b>	<b>Energieeffizienz und ökologischer Fußabdruck</b> <b>2</b> <b>Chair: Christian EIZINGER</b>	<b>Perspectives &amp; strategic positioning of cities</b> <b>3</b> <b>Chair: Dirk ENGELKE</b>	<b>SPECIAL WORKSHOP</b> <b>4</b> <b>Chair: Vasily V. POPOVICH</b>
	<p>🚩 <b>Participatory planning for urban regeneration - the Polish experience</b>  Piotr LORENS  Gdansk University of Technology, Department of Urban Design and Regional Planning, Gdansk, Poland</p> <p>🚩 <b>Public Participation and Urban Planning supported by Standardized Data Formats and OGC Web Services</b>  Joachim BENNER*, Kai-Uwe KRAUSE**, Thomas EICHHORN**, Karl-Heinz HÄFELE*, Andreas GEIGER*  * Forschungszentrum Karlsruhe, Inst. f. angewandte Informatik, DE  ** Freie und Hansestadt Hamburg, Landesbetrieb Geoinformation und Vermessung, Hamburg, DE</p> <p>🚩 <b>Innovative web-based tools for participatory planning</b>  Stefano MAGAUDDA, Flavio CAMERATA  Università degli Studi Roma Tre (University of Rome III), Dipartimento di Studi Urbani (DIPSU) Rome, IT</p>	<p>🚩 <b>Mehrwert Region für Wärme und Strom aus erneuerbaren Energien</b>  Dagmar EVERDING  Wirtschaftsministerium NRW, Landesplanung, Düsseldorf, DE</p> <p>🚩 <b>Methodik des Ziel- und Anforderungsmanagements für komplexe Systeme am Anwendungskontext energieeffiziente Stadt</b>  Karsten REXROTH, Thilo BRÜGGEMANN, Petra VON BOTH  Universität Karlsruhe (TH), Institut für industrielle Bauproduktion und Entwerfen, Karlsruhe, DE</p> <p>🚩 <b>Monitoring und Visualisierung von Carbon Footprints im urbanen Raum</b>  Sebastian PETSCH, Subhrajit GUHATHAKURTA, Luc HEISCHBOURG, Kerstin MÜLLER, Hans HAGEN  TU Kaiserslautern, Kaiserslautern, DE</p> <p>🚩 <b>Green Spaces 3.0 - Wissensmanagement zur Planung, Bereitstellung und Bewirtschaftung urbaner Vegetation durch Kommunikations- und Informationstechnologien</b>  Marcel HEINS, Wolfram KIRCHER  Hochschule Anhalt (FH), Forschungsbereich: Informatik in der Landschaftsarchitektur und -planung, Bernburg, DE</p>	<p>🚩 <b>Factors of success for an innovative positioning of cities and regions</b>  Kirsten MANGELS  University of Kaiserslautern, Department of regional development and spatial planning, Kaiserslautern, Germany</p> <p>🚩 <b>An analysis of the Hungarian major cities and their territories and their opportunities of development</b>  János RECHNITZER, Bálint FILEP  Széchenyi István University, Department of Regional Studies and Public Policy, Győr, Hungary</p> <p>🚩 <b>Cross border Region Maribor-Graz: Challenges and Potentials of the Integration Processes</b>  Pogacar KAJA, Metka SITAR  University of Maribor, Faculty of Civil Engineering, Maribor, Slovenia</p> <p>🚩 <b>Concentration and specialization of knowledge-based professions in the German city-system</b>  Anna GROWE  TU Dortmund, DE</p>	<p>🚩 <b>Terroristic Threat: an ultimate challenge to the Urban Future</b></p> <p>The workshop assumes considering the complex of problems related to the terroristic threats in megalopolis including those at public and cargo carriers and transportation hubs (terminals and junctions). Theoretical, technological, and practical aspects in the analysis of and counteraction to the above modern challenge are proposed for the discussion,</p> <p>see detailed description of this workshop in the program folder.</p>

09:00 - 10:30	<b>Challenges and approaches to find out what people really need and want</b> <b>1</b> Chair: Judith RYSER	<b>Neue Techniken und Methoden zur Planungsunterstützung</b> <b>2</b> Chair: Wolfgang W. WASSERBURGER	<b>Spatial Information Infrastructures</b> <b>3</b> Chair: Paul Andor FARKAS	
	<p>📍 <b>The riddled city: Where demographic change adds to the woes of urban sprawl</b>                  Stefan FINA, Stefan SIEDENTOP                  Universität Stuttgart, Inst. of Regional Development Planning, DE</p> <p><b>Demographic challenges for urban mobility and public space</b>                  Herbert BARTIK, Siegrun HERZOG                  Europaforum Wien, Centre for Urban Dialogue and European Policy, Wien, AT</p> <p><b>Participation of citizens as potential endusers in the innovation process for assistive technologies</b>                  Walter HLAUSCHEK*, Paul PANEK*, Wolfgang L. ZAGLER**                  * CEIT RALTEC, Schwechat, Österreich                  ** Technische Universität Wien, Institut Integriert Studieren, Wien, Österreich</p> <p>📍 <b>Mapping People? Humans as sensors &amp; possible use for urban design</b>                  Peter ZEILE*, Stefan HÖFFKEN**, Georgios PAPASTEFANOU***                  * TU Kaiserslautern, Department of Computer Aided Design in Architecture and Urban Planning, cpe, Kaiserslautern, Deutschland                  ** TU Berlin, Institut für Stadt- und Regionalplanung, Berlin, DE                  *** gesis-zuma Centre for Survey Research and Methodology, Mannheim, DE</p>	<p>📍 <b>Die Verschmelzung von realer und virtueller Umgebung in der City 3.0</b>                  Arne SIEGLER, Ingo WIETZEL                  TU Kaiserslautern, Lehrstuhl Stadtplanung, Kaiserslautern, DE</p> <p><b>Der Punkt als Netzwerk. Anmerkungen zu raumstrukturellen Bewertungsmethoden</b>                  Josef BENEDIKT                  Geologic, Wien, AT</p> <p>📍 <b>Autostereoskopisch visualisieren mit Linsenrastern / Auto-stereoscopic Visualization of Landscape - a Research Project.</b>                  Dirk STENDEL                  TU-Berlin, Institut für Landschaftsarchitektur und Umweltplanung, DE</p> <p>📍 <b>Green Spaces 3.0 - CAD-Fachapplikationen als wissenschaftliche Werkzeuge für die Landschaftsarchitektur am Beispiel der Bepflanzungsplanung</b>                  Marcel HEINS, W. KIRCHER, E. KRETZLER, Christian SCHULTZE                  Hochschule Anhalt (FH), Forschungsbereich: Informatik in der Landschaftsarchitektur und -planung, Bernburg, DE</p>	<p><b>Geological Data Infrastructure for Spatial Planning in Poland</b>                  Jacek KOCYLA                  Polish Geological Institute, Geological Cartography, Warsaw, Poland</p> <p><b>CentropeMAP - Information Infrastructure for a dynamic cross-border region in the heart of Europe</b>                  Manfred SCHRENK*, Clemens BEYER*, Walter POZAREK**                  * CEIT ALANOVA, Schwechat, AT                  ** PGO Planungsgemeinschaft Ost, Wien, AT</p> <p><b>Adding Value on Geospatial Data Infrastructure with CommunityViz. Future Growth Scenarios of local communities in suburb of Warsaw, Poland</b>                  Pawel DECEWICZ                  Geoportal PL, Warszawa, Poland</p> <p><b>Cadastral Management System with utilities and facilities</b>                  Nawaz Muhammad MIAN                  Pakistan Geomatics, GIS, Sialkot, Pakistan</p>	
10:30	Coffee break – Kaffeepause			
11:00 - 12:00	<b>Future aspects of transport and mobility</b> <b>1</b> Chair: Christian EIZINGER	<b>Strukturwandel und Flächenmanagement</b> <b>2</b> Chair: Josef BENEDIKT	<b>Aspects of Sustainable Development</b> <b>3</b> Chair: Harry STORCH	<b>Information Society Technologies</b> <b>4</b> Chair: Paul Andor FARKAS
	<p><b>Ways2go – R&amp;D funding program as an instrument to stimulate mobility technologies for the cities of the future</b>                  Walter WASNER                  Ministry of Transport, Innovation and Technology, Dept. for Mobility and Transport Technologies, Wien, AT</p> <p><b>BusStop 3.0: Bus Stops as Multifunctional Centers of Innovative Urban Development</b>                  Josef BENEDIKT*, Clemens BEYER**, Paul Andor FARKAS**, Manfred SCHRENK**                  * Geologic, Wien, AT                  ** CEIT ALANOVA, Schwechat, AT</p> <p>📍 <b>Railway Stations of the Future - Services supporting Intermodal Travelling and Promising Strategies for their Development</b>                  Juliane STARK, Tina UHLMANN                  University of Natural Resources and Applied Life Sciences, Institute for Transport Studies, Vienna, AT</p>	<p>📍 <b>Entwicklungsdynamiken und Handlungsoptionen von Städten im Strukturwandel</b>                  Heike LIEBMANN                  Leibniz-Institut für Regionalentwicklung und Strukturplanung, Regenerierung von Städten, Erkner, DE</p> <p><b>Kommunales Handeln beim Flächenmanagement</b>                  Anja BRANDL                  Universität Leipzig, Institut für Stadtentwicklung und Bauwirtschaft, Leipzig, DE</p> <p><b>Strategien integrativer stadtreionaler Entwicklung unter Wachstums- und Schrumpfungsbedingungen</b>                  Isolde ROCH*, Haiqiao TAN**                  *Leibniz-Institut für ökologische Raumentwicklung, Regionalentw./Landschaftsökologie, Dresden, DE                  ** China University of Mining and Technology, School of Resource and Geosciences, Xuzhou, Jiangsu</p>	<p>📍 <b>Environmental Impact Assessment, a tool for Sustainable City Management</b>                  Sanhita BANDYOPADHYAY*, Piyali BANDYOPADHYAY**, Papiya BANDYOPADHYAY RAUT                  *Engineering Consultancy Services, India                  ** Government Sector in India, India</p> <p>📍 <b>Explore the spatial equity of urban public facility allocation based on sustainable development viewpoint</b>                  Chin-Hsien LIAO, Hsueh-Sheng CHANG, Ko-Wan TSOU                  National Cheng Kung University, Department of Urban Planning, Tainan, Taiwan</p> <p><b>Socially Sustainable Development: Planning Empowerment among the Bedouin in Israel</b>                  Avinoam MEIR                  Ben Gurion University, Israel,</p>	<p>📍 <b>Infrastructure Acquisition and 3D Virtual Integration</b>                  Gerd HESINA*, Stephan MANTLER*, Robert TOBLER*, Friedrich BRIMMER**                  *VRVis, Wien, AT                  ** ÖBB Infrastruktur Bau AG, Wien, AT</p> <p><b>OpenStreetMap.org - Community game or real geodata? And the role of data donations</b>                  Wolfgang W. WASSERBURGER                  Wasserburger KEG, Wien, AT</p> <p><b>Digital Guidance and Information System in Schwechat, Austria</b>                  Manfred MERTEN                  Merten IT AG, Schwechat, AT</p>
12:00-13:00	 <p><b>Keynote Speech:</b>  <b>Making Cities and Regions Work</b> <b>1</b>                  Greg CLARK</p>	Greg Clark helps cities, regions and their partners to deliver effective strategies based on his experience of: <ul style="list-style-type: none"> <li>• Working in London for 15 years in leadership positions within city agencies.</li> <li>• Visiting and reviewing over 100 cities and regions around the world in the past twelve years.</li> <li>• Advising 20 individual cities in four continents on strategies and tools for success.</li> <li>• Advising National/Federal Governments and Inter-Governmental Organisations on how they help cities and regions to succeed.</li> </ul>		
13:00	Lunch break			

14:30-16:00	<b>Facing Climate Change</b> <span style="float: right;">1</span> <b>Chair:</b>	<b>Neue Tools/Schwierige Rahmenbedingungen</b> <span style="float: right;">2</span> <b>Chair: Wolfgang W. WASSERBURGER</b>	<b>Transport Systems and Environment</b> <span style="float: right;">3</span> <b>Chair: Paul Andor FARKAS</b>	<b>Historic Cities: tradition and new functions</b> <span style="float: right;">4</span> <b>Chair: Josef BENEDIKT</b>
	<p>🚩 <b>Climate Change and the Resilience of Megacities in South-East-Asia. Creating Risk-Based Climate Change Information for Ho Chi Minh City's Settlements</b>  <b>Harry STORCH, Nigel DOWNES, Kiduk MOON</b>  Brandenburg University of Technology Cottbus, Department of Environmental Planning, Cottbus, DE</p> <p><b>Urbanisation and the Incidence of Urban Heat Island: Implications for Climate Change and Global Warming</b>  <b>Oluwafemi OLAJIDE</b>  Lagos State University, Geography and Planning, Nigeria</p> <p>🚩 <b>The role of the informal sector in contributing to the urban landscape in Yogyakarta - Indonesia concerning the urban heat island issue</b>  <b>Suparwoko NITISUDARMO</b>  Islamic University of Indonesia, Architecture, Yogyakarta, Indonesia</p> <p>🚩 <b>The Eco-efficiency Assessments of Hazards prevention in Urban Parks of Taiwan</b>  <b>Hui-Wen HUANG, Hao-Hsuan HUANG, Hsueh-Sheng CHANG</b>  National Cheng-Kung University, Department of Urban Planning, Tainan, Taiwan</p>	<p>🚩 <b>Landesweite 3D-Stadtmodelle im Internet auf Basis offener Standards des Open Geospatial Consortiums (OGC) - das Beispiel Nordrhein-Westfalen-3D</b>  <b>Alexander ZIPF, Robert KULAWIK</b>  University of Bonn, Chair of Cartography, DE</p> <p>🚩 <b>Simulation städtischer und touristischer Flächenexpansionen als Grundlage für eine nachhaltige Entwicklung – Fernerkundung und GIS als Planungsinstrumente</b>  <b>Simone NAUMANN</b>  Pädagogische Hochschule Heidelberg, Abt. Geo-graphie, research group for earth observation, DE</p> <p>🚩 <b>Strategische räumliche Ziele für den Planungsprozess unter Schrumpfungsbedingungen</b>  <b>Christian STRAUSS</b>  Universität Leipzig, Institut für Stadtentwicklung und Bauwirtschaft, Leipzig, DE</p> <p>🚩 <b>Flächenmanagement unter Schrumpfungsbedingungen in der Region Halle-Leipzig</b>  <b>Anja BRANDL*, Ch. STRAUSS*, B. WARNER**</b>  * Universität Leipzig, Institut für Stadtentwicklung und Bauwirtschaft, Leipzig, Deutschland  ** Martin-Luther-Universität Halle-Wittenberg, AG Sozialgeographie, Halle/Saale, DE</p>	<p>🚩 <b>The New Urban Acupuncture: Intermodal Nodes between Theory and Practice</b>  <b>Aleksandra STUPAR*, Vladimir SAVCIC**</b>  * Faculty of Architecture University of Belgrade, Department of Urbanism, Belgrade, Serbia  ** Univ. Politècnica de Catalunya, Barcelona, Spain</p> <p>🚩 <b>Public Transport Systems Development for Urban Regeneration – Evidence from the City of Linz / Austria</b>  <b>Roman KLEMENTSCHITZ, Juliane STARK</b>  University of Natural Resources and Applied Life Sciences, Vienna, Institute for Transport Studies, Vienna, AT</p> <p><b>AIRCLIP – Airports and climate protection: Best practices and future perspectives for reducing CO<sub>2</sub> emissions of airports</b>  <b>Manfred SCHRENK, Christian EIZINGER, Paul Andor FARKAS</b>  CEIT ALANOVA, Schwechat, AT</p>	<p><b>Finding new Patterns to Design Sustainable Cities by use of Traditional Urban Patterns</b>  <b>Anahita MAHMOUDI*, Kamyar FANAIE**</b>  * Azad Islamic university, Shiraz Branch, architecture department, Iran  ** Shahid Beheshti University, Architecture department, Iran</p> <p><b>The “Smart Growth” in the Historical Street - Case Study of Shanghai</b>  <b>Rongjun MA, Kejia ZHENG</b>  Tongji University, College of Architecture and Urban Planning, Shanghai, China</p> <p>🚩 <b>New Urbanism in Historic City Centers? The Globalization of Vienna's Historic City Center as an Art and Cultural Hub.</b>  <b>Gerhard HATZ</b>  Universitaet Wien, Department of Geogrpahy and Regional Research, Wien, AT</p>
16:00	<b>Coffee break – Kaffeepause</b>			
16:30-18:00	<b>Visions of the future – promising examples</b> <span style="float: right;">1</span> <b>Chair: Christian EIZINGER</b>	<b>New planning approaches</b> <span style="float: right;">2</span> <b>Chair: Dirk ENGELKE</b>	<b>Sustainable Urban Development</b> <span style="float: right;">3</span> <b>Chair: Judith RYSER</b>	<b>New Developments in major cities</b> <span style="float: right;">4</span> <b>Chair: Pietro ELISEI</b>
	<p><b>Aspern Vienna's Urban Lakeside</b>  <b>Claudia NUTZ*, Kurt HOFSTETTER**</b>  * Wien 3420 Aspern Development AG, Wien, Austria  ** City of Vienna, planning departement, MA 18, AT</p> <p><b>Belize Caribbean Riviera - sustainable resort of the future</b>  <b>Alexander PILETSKY*, Ric STEPHENS**, Carlos CHANDUVI-SUAREZ***, M. MOSHNOGORSKIY****, M. SCHRENK*****</b>  * Ambassador of Belize, Wien, AT; ** Stephens Planning &amp; Design LLC, Beaverton/OR, USA, *** UNIDO, Vienna, Austria;  **** Adria - N.A.S.T.A. investments, construction, real estate, HR  ***** CEIT, Schwechat, AT</p> <p><b>Water City</b>  <b>Matthew BRADBURY</b>  UNITEC NZ, Department of Landscape Architecture, New Zealand</p> <p><b>Urban and Regional Planning in Iran</b>  <b>Ebrahim JAMSHIDZADEH</b>  Tehran, Iran</p>	<p>🚩 <b>The use of urban planning consultancy as a communication tool for cities</b>  <b>Cintha URIBE-SANDOVAL*, David C. PROSPERI**</b>  * Universität Ramon Llull, Barcelona, Spain  ** Florida Atlantic University, Fort Lauderdale, USA</p> <p>🚩 <b>Urban Crafting: Making a Connected City</b>  <b>Reena TIWARI</b>  Curtin University of Technology, Architecture and Planning, Perth, Australia</p> <p>🚩 <b>GIS-based evaluation of public facility provision to achieve improved governance and equitable service delivery</b>  <b>Cheri GREEN*, Ken BREETZKE**, G. MANS***</b>  * Council for Scientific and Industrial Research (CSIR), Built Environment, Stellenbosch, South Africa  ** eThekweni Municipality, Engineering Executive, Durban, South Africa  *** CSIR, Built Environment, Stellenbosch, South Africa</p>	<p><b>SUME – Sustainable Urban Metabolism for Europe</b>  <b>Barbara BORY, Christof SCHREMMER</b>  ÖIR - Österreichisches Institut für Raumplanung/Austrian Institute for Regional Studies and Spatial Planning, Wien, AT</p> <p><b>Sustainable development at the city-region level: a broad analysis of the Porto Metropolitan Area</b>  <b>Nuno QUENTAL</b>  Porto, Portugal</p> <p><b>The ecological footprint – indicator for analysing the environmental impact of residential surfaces in metropolitan areas Case study: Bucharest Metropolitan Area</b>  <b>Maria PATROESCU, Mihai NITA, Cristian IOJA, Gabriel VANAU</b>  University of Bucharest, Centre for Environmental Research and Impact Studies – CCMESI, Bucharest, Romania</p> <p><b>Concept of appropriate Economic</b></p>	<p><b>New Belgrade- between Yesterday and Tomorrow</b>  <b>Lidija JOVANOVIC NENADOVIC</b>  Urban Planning Institute PE, General, Spatial and Urbanistic Planning Department, Belgrade, Serbia</p> <p><b>New residential areas in Bucharest Metropolitan Area location, type and characteristics</b>  <b>Maria PATROESCU, Mihai NITA, Cristian IOJA, Gabriel VANAU</b>  University of Bucharest, Centre for Environmental Research and Impact Studies – CCMESI, Bucharest, Romania</p> <p><b>‘Culture of Legibility’ as a Complementary Approach to Site Planning for Southeast Asian Cities: A Case Study of Kuala Lumpur</b>  <b>Dazilah SAMAD</b>  University of Edinburgh, Department of Architecture, Edinburgh, United Kingdom</p> <p>🚩 <b>The study of green space ecological benefits of Chiayi City</b>  <b>Hao-Hsuan HUANG, Hui-Wen HUANG, Hsueh-</b></p>



	<p><b>Telecommunication &amp; Transportation - An Intelligent Trade-off</b>  Tarik FATHY  T.H.E. Architects, Planners and Civil Engineers Inc., Mohandessin, Egypt</p>	<p><b>🏆 Competence and Performance</b>  Konstanze NOACK  BTU Cottbus, LS Städtebau und Entwerfen, Cottbus, DE</p>	<p><b>Environmental Modelling for Sustainable Development</b>  Papiya RAUT*, Sandeep RAUT**  Rolta India Ltd, India  Town and Country Planning Organisation, Ministry of Urban Development, Government of India, India</p>	<p><b>Sheng CHANG</b>  National Cheng-Kung University, Department of Urban Planning, Tainan, Taiwan</p>
<p><b>19:00 - open end</b></p>	<p><b>CORP Awards Ceremony</b>  Tapas and drinks at the Design Center Sitges</p>			

Friday, 24 April 2009

09:30-11:00	<b>Sustainable perspectives for world cities</b> <b>Chair: Christian EIZINGER</b>	<b>1</b> <b>Biotopes, Sociotopes, Urban Spaces</b> <b>Chair:</b>	<b>2</b> <b>Real, virtual and imaginative places</b> <b>Chair: Paul Andor FARKAS</b>	<b>3</b>
	<p><b>Delhi – Towards A Green City</b>  <b>Bijendra K. JAIN</b>          Head of Urban Planning, New Delhi, India</p> <p>🚩 <b>Local Developmental State? State-led Entrepreneurial City? Deconstructing Shenzhen’s Pathway of Local Growth Political Economy Pressed by Pearl River Delta Intercity Competiiton</b>  <b>I-Chih LAN</b>          National Taipei University, Department of Real estate and Built environment, Taipei, Taiwan</p> <p><b>Rebranding Lagos through Regeneration</b>  <b>Leke ODUWAYE, Wale FADARE</b>          University of Lagos, Department of Urban and Regional Planning, Nigeria</p> <p>🚩 <b>Liveable Urban Waterfront Landscapes : Malaysia Perspectives</b>  <b>Salina ALI, Hadi NAWAWI</b>          University Technology MARA, Centre of Postgraduate Studies, Estate Management, Shah Alam, Selangor, Malaysia</p>	<p><b>Mapping Biotope and Sociotope for Green Infrastructure Planning</b>  <b>Wanyu SHIH, John HANDLEY, Iain WHITE</b>          The University of Manchester, School of Environment and Development/Planning and Landscape, United Kingdom</p> <p><b>Biotope Mapping in Korea. History of biotope mapping and consideration of a new method</b>  <b>SooYoung MOON, Hyun-Soo KIM, Yeon Mee KIM, So-Yeon BAE</b>          Korea institute of construction technology, Building planning &amp; environment research division, Goyang-si, Gyeonggi-do, Republic of Korea (South Korea)</p> <p><b>Mapping urban open space and the compact city - research methodology</b>  <b>Tomasz BRADECKI</b>          Silesian University of Technology, Faculty of Architecture Chair of Urban and Spatial Planning, Gliwice, Poland</p> <p><b>Mark Changes for Sustainable Development through NUIS</b>  <b>Sandeep RAUT, Jay KSHIRSAGAR</b>          Town and Country Planning Organisation, Ministry of Urban Development, Government of India, India</p>	<p>🚩 <b>Are landmarks essential to the city – its development?</b>  <b>Izabela MIRONOWICZ*, Anthony CLERICI**</b>          *Wroclaw University of Technology, Faculty of Architecture, Department of Spatial Planning, Wroclaw, Poland          ** Clerici Design, Worcester, UK</p> <p><b>Libraries of Serbia on their way to the City 3.0</b>  <b>Vesna ZUPAN</b>          The University Library, Department for Acquisition and Cataloguing Library Materials, Belgrade, Serbia</p> <p>🚩 <b>Places on the Net</b>  <b>Panayotis ANTONIADIS, Tridib BANERJEE, Ileana APOSTOL</b>          Université Pierre et Marie Curie, Paris, France          University of Southern California, Los Angeles, California, USA          Université Pierre et Marie Curie, Paris, France</p> <p><b>Can we capture the imaginary dimension of cities?</b>  <b>Olivier LEFEBVRE</b>          France Telecom Orange, Division Finances, Paris, France</p>	
11:00	<b>Coffee break – Kaffeepause</b>			
11:30-13:00	<b>The role of planning for health and quality of life</b> <b>Chair: Dirk ENGELKE</b>	<b>1</b> <b>Planning and Managing Sustainable Cities</b> <b>Chair: Paul Andor FARKAS</b>	<b>2</b> <b>SPECIAL WORKSHOP</b> <b>Chair: Carlos CHANDUVI-SUAREZ (requested)</b>	<b>3</b>
	<p><b>Urban Planning and Health   Obesogenic environments</b>  <b>Paula SANTANA, Rita SANTOS, Cláudia COSTA</b>          University of Coimbra, Institute for Geographical Studies, Coimbra, Portugal</p> <p>🚩 <b>Walkable urban green spaces: An Health Impact Assessment in Amadora, Portugal</b>  <b>Paula SANTANA, Rita SANTOS, Cláudia COSTA</b>          University of Coimbra, Instituto de Estudos Geográficos, Coimbra, Portugal</p> <p>🚩 <b>Liveable City TP. Ho Chi Minh - Adaptation as response to impacts of climate change</b>  <b>Ronald ECKERT, Ulrike SCHINKEL</b>          Brandenburg University of Technology, Department for Urban Planning and Spatial Design, Cottbus, DE</p> <p><b>Urban Design Process Model with "The Urban User" Participation</b>  <b>Tolga UZUN*, Altay COLAK*, Ayberk N. BERKMAN*, Erkan GUNES**</b>          * Cukurova University, Faculty of Economics and Administrative Sciences, Adana, Turkey          ** Eser Architecture, Mersin, Turkey</p>	<p><b>Ubiquitous Eco-City Planning in Korea. A Project for the Realization of Ecological City Planning and Ubiquitous Network Society</b>  <b>Yeon Mee KIM, Hyun Soo KIM, Soo Young MOON, So-Yeon BAE</b>          Korea Institute of Construction Technology, Building &amp; urban research division, Goyang-si, Kyungki-Do, Republic of Korea (South Korea)</p> <p><b>Urban and natural transformations of agricultural lands in Moscow oblast</b>  <b>Alexander ANTONOV*, Boris FELDMAN*, Tatyana ANTONOVA**</b>          * NIiPI of Urban Planning, Moscow, Russian Federation          ** Moscow state university, Moscow, Russian Federation</p> <p><b>Manage and planning sustainable city – the case study of Tehran metropolitan area</b>  <b>Farzaneh SASANPOUR</b>          Tehran University, Geography and urban planning, Tehran, Iran</p> <p><b>The Impact of Park on Residential Property Values</b>  <b>Abdul Hadi NAWAWI, Farahwaheeda SHUKUR, Noriah OTHMAN</b>          Faculty of Architecture, Planning and Surveying; Universiti Teknologi Mara, 40450 Shah Alam, Selangor, Malaysia</p>	<p><b>The future of sustainable tourism – the example of Belize Caribbean Riviera</b></p> <p><b>Workshop and open discussion</b>, chaired by <b>Dr. Carlos CHANDUVI-SUAREZ (UNIDO)</b> and joined by project development team of "Belize Caribbean Riviera" with participation of Ambassador of Belize and Permanent Representative of Belize to UNIDO <b>H. E. Alexander PILETSKY</b>.</p> <p>UNIDO, the United Nations Industrial Development Organisation, in the pursue of alternatives for generating employment is supporting the Government of Belize in developing the Belize Caribbean Riviera as pivotal platform for strengthening domestic supply chains. Belize Caribbean Riviera is one of the flagship-projects of Belize, where tourism development shall go hand in hand with innovations in agriculture, fishery, energy production and the service industries as well as in education and contribute to an integrated sustainable development. The project was approved by Member States of GRULAC (Group of Latin America and Caribbean States) as strategic for Belize and the region and UNIDO decided to open an Investment Promotion Unit (IPU) in Belize in order to support projects in Belize. The chances and challenges of such projects will be discussed in an open forum.</p>	
13:00	<b>Coffee break – Kaffeepause</b>			

13:30-15:00	<b>Insights into the future of spatial planning</b> Chair: Judith RYSER <span style="float: right;">1</span>	<b>Urban Sustainability and Green Spaces</b> Chair: <span style="float: right;">2</span>	
	<p><b>🏆 Land uses allocation as key to city's environmental improvement</b>  <b>Ioannis TSOUDEROS*</b>, <b>Despina DIMELLI**</b>  <small>* National Technical University of Athens, Athens, Greece  ** School of Architecture of Crete, Ilioupoli, Greece</small></p> <p><b>🏆 HOUPLA - Holistic Urban Planning in the Bizkaia Technology Park</b>  <b>Borja IZAOLA, Igone REVILLA</b>  <small>Labein Tecnalia, Derio, Spain</small></p> <p><b>🏆 The End of Master Plan - New Collage Cities of Future</b>  <b>Anand WADWEKAR, Hidetsugu KOBAYASHI</b>  <small>Hokkaido University, Graduate School of Engineering, Laboratory of Urban &amp; Regional Design, Sapporo, Hokkaido, Japan</small></p> <p><b>🏆 Patch   Switch   Stratus - An insight into infrastructural spatial mediation strategies in contemporary Lisbon metropolis</b>  <b>João Rafael SANTOS</b>  <small>Faculty of Architecture, Technical University of Lisbon, Department of Urbanism, Lisboa, Portugal</small></p>	<p><b>A role of sustainability indicators in the urban planning (an example from the Czech Republic)</b>  <b>Vladimira SILHANKOVA*</b>, <b>Michael PONDELICEK**</b>  <small>* Civitas per Populi, Hradec Kralove, CZ  ** Team Iniciative for Local Sustainable Development, Praha, Czech Republic</small></p> <p><b>🏆 Indicators of Socially Sustainable Park Use - Results from a Case Study</b>  <b>Frank OSTERMANN</b>  <small>University of Zurich, Department of Geography, Zürich, Switzerland</small></p> <p><b>Exploring the people's perception of urban public parks in Tehran</b>  <b>Zohreh A.DANESHPOUR, Asrin MAHMOODPOUR</b>  <small>Shahid-Beheshti University, Faculty of Architecture &amp; Planning, Urban &amp; Regional Planning Department, Tehran, Iran</small></p> <p><b>Urban Sustainability Concept of Conservation Strategies in Turkey</b>  <b>Derya ALTUNBAS</b>  <small>Canakkale Onsekiz Mart University, Urban and Environmental Problems, Canakkale, Turkey</small></p>	
15:00-15:45	<b>REAL CORP 2009 CLOSING SESSION</b> <span style="float: right;">1</span> Resumé, Discussion, Outlook on 2010		

## Saturday, 25 April 2009

09:30-14:00	<b>Guided Walk through Sitges</b>  <b>Bus Tour Sitges and Surroundings, El Garraf</b> (with connection to airport, arrival at airport at 13:30)					
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### REVIEWER TEAM AND PROGRAMME COMMITTEE

Al-Hokail, Abdulhakeem A.; Dr.	Saudi Aramco – Saudi Arabian Oil Company	Dhahran, KSA
Benedikt, Josef; Dr.	Geologic	Wien, A
Beyer, Clemens; Dipl.-Ing.	CEIT Central European Institute of Technology	Schwechat, A
Cabello, Maria	Trabajos Catastrales, S. A., Depto. Comercial	Pamplona, Navarra, E
Dallhammer, Erich; Dr.	ÖIR Österreichisches Institut für Raumplanung	Wien, A
Eizinger, Christian	CEIT Central European Institute of Technology	Schwechat, A
Emberger, Günter; Prof. Mag. Dr.	TU Wien, Inst. für Verkehrsplanung und Verkehrstechnik	Wien, A
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Hauger, Georg; Prof. Dipl.-Ing. Dr.	TU Wien, Dept. für Raumentwicklung, Infrastruktur- und Umweltplanung, Fachbereich Verkehrssystemplanung	Wien, A
Izaola, Borja; Dipl.-Ing. Arch.	Fundación Labein, CT	Derio, E
Jain, B. K.; Arch. PhD	City of New Delhi, Development Authority	New Delhi, IND
Krause, Kai-Uwe; Dipl.-Ing. Dr.	Freistaat Hamburg	Hamburg, D
Krek, Alenka; Prof. Dr.	Hafencity University Hamburg, Institute for city, regional and environmental planning	Hamburg, D
Kudryavtsev, Fedor; Arch. Dr.	Laboratory of Urban Studies Moscow, ArchNOVA	Moscow, RUS
Morgado, Sofia; Prof. Dr.	TU Lisbon, LUOTP Research Laboratory of Urban and Spatial Planning	Lisbon, P
Navratil, Gerhard; Dr.	TU Wien, Fakultät für Mathematik und Geoinformation	Wien, A
Pfaffenbichler, Paul; Dr.	TU Wien, Inst. für Verkehrsplanung und Verkehrstechnik	Wien, A
Popovich, Vasily V.; Prof.	The Russian Academy of Sciences, SPIIRAS	St. Petersburg, RUS
Prosperi, David C.; Dr.	Florida Atlantic University	Fort Lauderdale, USA
Rüsch, Stephanie, Dipl.-Ing.	CEIT Central European Institute of Technology	Schwechat, A
Ryser, Judith, Arch. MSc.	Cityscope Europe	London, UK
Schrenk, Manfred, Dipl.-Ing.	CEIT Central European Institute of Technology	Schwechat, A
Steinnocher, Klaus, Dr.	Austrian Research Centers GmbH, Systems Research	Wien, A
Voigt, Andreas; Prof. Dr.	TU Wien, Dept. für Raumentwicklung, Infrastruktur- und Umweltplanung, Fachbereich Örtliche Raumplanung	Wien, A
Wankiewicz, Heidrun; Mag.	planwind.at	Salzburg, A
Zeile, Peter; Dipl.-Ing.	TU Kaiserslautern, Fachbereich Architektur, Raum- und Umweltplanung, Bauingenieurswesen	Kaiserslautern, D



### SPECIAL WORKSHOP

## TERRORISTIC THREAT - AN ULTIMATE CHALLENGE TO THE URBAN FUTURE

Chair: Vasily V. Popovich

Deputy Director for Research & Head of OOGIS Laboratory, St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS), St. Petersburg, Russia

The devastating terrorists' attacks against New York and Washington, DC in 2001 became a turning point in bringing the mankind to the awareness that any place in the World is equally imperiled and consequently vulnerable in the face of terrorism, that currently is understood as a systematic use of terror (a means for coercion), threat of violence and/or other assaultive offences and acts often committed in the name of political (ideological) expediency. The above awareness evidently made the mankind focus upon monitoring the terrorists and predicting the malicious intents, operational capabilities, structures of terrorists' groups, as well as upon preventing the terrorists' attacks, that has become the biggest challenge especially for the developing urbanization.



Most definitions of the terrorism only consider the acts aimed at instilling terror and perpetrated for the momentary ideological (as opposed to the separate attacks) and deliberately target or disregard the safety of non-combatants (civilians). The modern urbanization issues are being considered with due account for the potential terroristic threats, as any location being densely populated or specified by a significant people's accumulation (masses presence) is being subjected to the terrorists' impacts. So, monitoring the terroristic threats arising from a wide range of organizations as well as developing versatile methods and scientifically justified approaches aimed at preventing the terrorist acts is vitally important.

The workshop assumes considering the complex of problems related to the terroristic threats in megalopolis including those at public and cargo carriers and transportation hubs (terminals and junctions). At that certain theoretical, techno-

logical, and practical aspects in the analysis of and counteraction to the above modern challenge are proposed for the discussion including though not limited to:

- the impact of the existing and emerging legal regulations upon the terroristic threat monitoring;
- developing the theoretic basics for a new research lead in studying terrorism and its manifestations in a present-day megalopolis;
- analysis of a potential terrorist's personality and terrorists' groups as well as the terrorism's origination causes and sources;
- study of the safety assurance issues in locations specified by significant people's accumulation;
- study, analysis and monitoring of terrorists' internet sites and networks;
- analysis of terroristic threats at transportation hubs (airports, railway stations, sea terminals, etc.) and at public, private and cargo carriers;
- analysis of the terroristic threats at the hazardous essential facilities like hydro-electric and nuclear power plants, chemical and other industries, dykes, etc.
- methods of collecting information on the current situation and grading its accuracy;
- mathematical methods for a potential terroristic threat detection and identification;



**ANNOUNCEMENT****45<sup>th</sup> ISOCARP  
INTERNATIONAL CONGRESS**

FEUP – PORTO – PORTUGAL

**Low Carbon Cities**

18-22 October 2009

At the invitation of the Porto Local Organising Committee, ISOCARP will hold its next congress in the city of Porto, Portugal, in October 2009. The theme, proposed by our hosts - "Low Carbon Cities"-, is particularly timely, as reduction in carbon emissions and energy are key concerns of planning for future urban growth worldwide, not least in Europe.

For decision-makers and their planning advisors, it raises the challenge of making compact and liveable places, caring for people and nature and favouring social inclusion.

Considering the wide experience of Portugal in the use of European regional funds, the findings of the congress might be of consequence for the new policies presently being considered towards a more sustainable regional development.

It also raises professional issues about assessing carbon emissions and energy production and consumption generated by buildings and neighbourhoods and how to make the best use of carbon trading schemes.

This in turn opens the field to a new profile of participants, interested in exhibiting and explaining the latest technologies related to planning for low carbon urban development, as the German pavilion in Saragossa 2008 successfully did in the field of water resources.

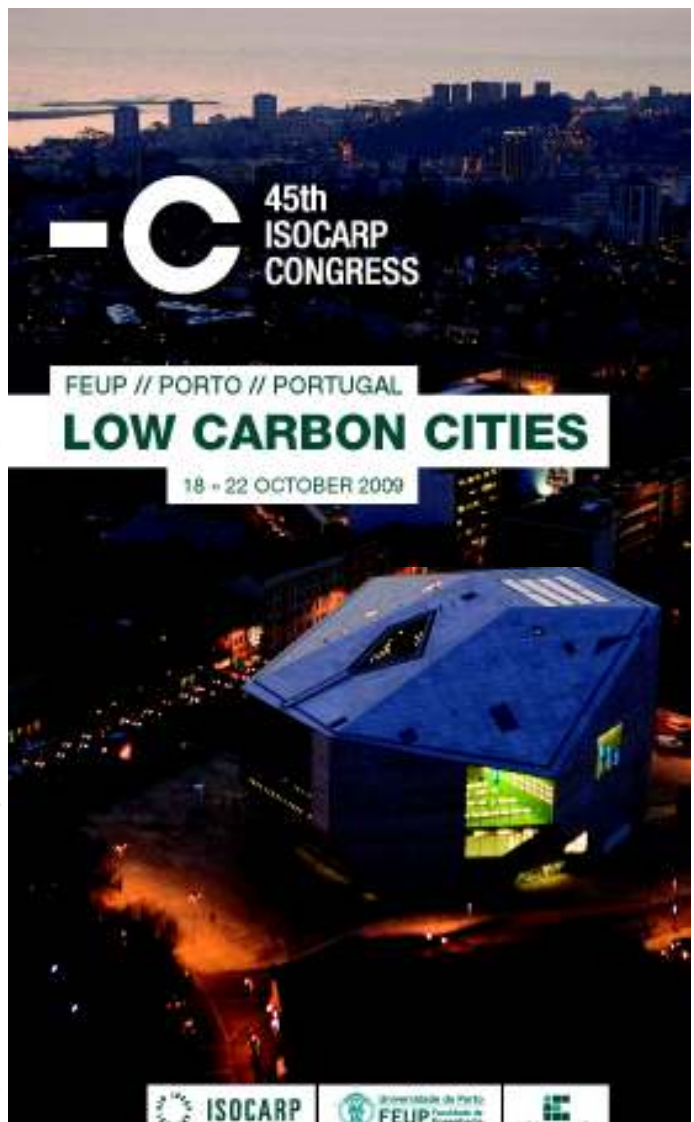
We have high expectations for this congress and look forward to welcoming many of you in Porto.  
Pierre Laconte, President of Isocarp

**Young Planning Professionals Programme  
prior to the congress 15 to 17 October 2009****Important Dates**

January 2009 – Call for Papers, Congress Registration Brochure

30 April 2009 – Abstract deadline submission

31 July 2009 – Deadline full paper submission





## PUBLIC TRANSPORT: BUS AND TRAIN



The Sitges bus line L2 connects the train station (stop number 1), the Design Center (stop number 6) and a lot of downtown and coast-side hotels. For the other bus lines see the general Sitges bus map on the previous page. The bus line L2 is in operation Monday to Friday from 07:00 to 22:00. On Saturday, Sunday and Holidays bus operation starts at 09:00. Buses go every 30 minutes, starting at stop number 1 at ##.00 and ##.30.

### TRAINS FROM BARCELONA AIRPORT TO SITGES

Line	Depart. Abfahrt	Change at/Umsteigen in:		Arrival Ankunft	Line	Duration Dauer
		EL PRAT DE LLOBREGAT				
		Arrival/Ankunft	Depart./Abfahrt			
C2	06.08	06.13	06.26	06.50	C2	0.42
C2	06.38	06.43	06.56	07.20	C2	0.42
C2	07.08	07.13	07.26	07.50	C2	0.42
C2	07.38	07.43	07.56	08.20	C2	0.42
C2	08.08	08.13	08.26	08.50	C2	0.42
C2	08.38	08.43	08.56	09.20	C2	0.42
C2	09.08	09.13	09.26	09.50	C2	0.42
C2	09.38	09.43	09.56	10.20	C2	0.42
C2	10.08	10.13	10.26	10.50	C2	0.42
- - - every 30 minutes - - -						
C2	21.38	21.43	21.56	22.20	C2	0.42
C2	22.38	22.43	22.56	23.20	C2	0.42
C2	23.08	23.13	23.43	00.08	C2	1.00
C2	23.38	23.43	00.26	00.50	C2	1.12

Train Fare Single Ride EUR 2,60  
Valid from 21 to 23 April 2009



### TRAINS FROM SITGES TO BARCELONA AIRPORT

Line	Depart. Abfahrt	Change at/Umsteigen in:		Arrival Ankunft	Line	Duration Dauer
		EL PRAT DE LLOBREGAT				
		Arrival/Ankunft	Depart./Abfahrt			
C2	04.48	05.12	05.47	05.53	C2	1.05
C2	06.45	07.10	07.21	07.27	C2	0.42
C2	07.15	07.40	07.51	07.57	C2	0.42
C2	07.45	08.10	08.21	08.27	C2	0.42
C2	08.17	08.40	08.51	08.57	C2	0.40
C2	08.45	09.11	09.21	09.27	C2	0.42
C2	09.15	09.40	09.51	09.57	C2	0.42
C2	09.45	10.10	10.21	10.27	C2	0.42
C2	10.15	10.40	10.51	10.57	C2	0.42
- - - every 30 minutes - - -						
C2	20.15	20.40	20.51	20.57	C2	0.42
C2	20.45	21.10	21.21	21.27	C2	0.42
C2	21.45	22.10	22.21	22.27	C2	0.42
C2	22.26	22.47	22.51	22.57	C2	0.31

Train Fare Single Ride EUR 2,60  
Valid on 25 April 2009

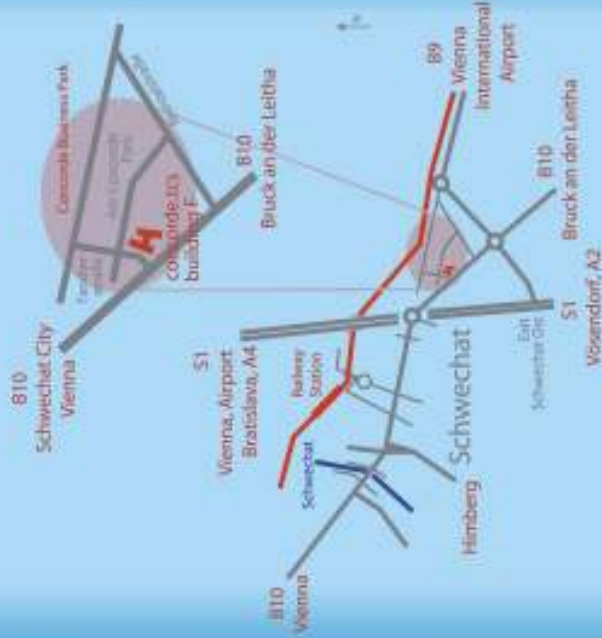


## RESEARCH INSTITUTE

CEIT ALANOVA is an applied research institute which acts complementarily with existing organizations and in close cooperation with scientific and research institutions, enterprises and public administrations to ensure the flow of knowledge between research and practical application. The team consists of planners, geographers and technicians. All of them have worked in international teams, have published in international journals and magazines and are committed to the vision of CEIT ALANOVA to advance the City of Schwechat the "mobility hub" to become a "knowledge hub" in the near future.

## FIELDS OF ACTION:

- Urban, Environmental and Transport Technologies
- Information Society
- Sustainability and Resource Management
- Urban Planning and Regional Development
- Geographic Information Technologies and Spatial Scientific Management , GIS



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alanova@ceit.at  
<http://www.ceit.at>

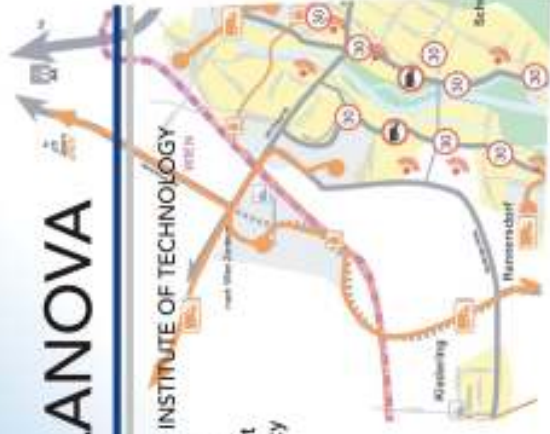


# CEIT ALANOVA

CENTRAL EUROPEAN INSTITUTE OF TECHNOLOGY

Institute of Urbanism,  
Transport, Environment  
and Information Society

SCHWECHAT/AUSTRIA



# SELECTED PROJECTS

## REALCORP

CORP conferences are held annually since 1996 and are Europe's major congresses on Urban Planning, Regional Development and Information Society. The events are extraordinarily interdisciplinary, where by usually a lot of new ideas and projects are generated. About 400 experts from around the world from the fields of urban planning, transportation planning, information and communication technologies, architecture, ecology, real estate, GIS and surveying, multimedia technologies and more meet to discuss current tasks and topics on urban planning, regional development and information society in an international and interdisciplinary conference. Speakers and participants represent private companies as well as research institutions and public administrations. The programme includes expert lectures, round tables and workshops, business presentations and exhibitions as well as extensive social events.

[www.corp.at](http://www.corp.at)

## Centropemap

Centropemap is the name of the cross-border region around the boundary quadrangle between the Czech Republic, Slovakia, Hungary and Austria. For a common development of this region, cross-border access to adjusted and standardized spatial data sets is essential. The aim of Centropemap is to provide an interface for geodata stored in four different countries. The project was initiated in the year 2003 introducing a base map of the region on behalf of the public planning association PGO, a co-operation of the three Austrian federal provinces Lower Austria, Burgenland and Vienna. In the beginning, data exchange took place only offline by distributing CD-ROMs among the project partners.

The Centropemap map server client went on air in the year 2005. Since this time, users receive maps showing data from servers all over the region together in the same view. Having established and permanently improved the online Centropemap portal since 2006, there will be very soon an important extension:

CentropemapSTATISTICS which will also include statistic data for the whole region. Again, datasets come from local authorities and are put together in the same table. These data can be queried, exported, aggregated, and even visualised via the Centropemap portal.

[www.centropemap.org](http://www.centropemap.org)

## Bus Stop 3.0

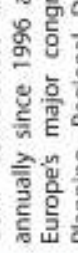
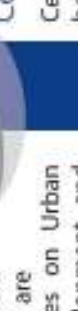
"Bus Stop 3.0" represents the future of public transportation stops serving as multi-functional centers for innovative urban and regional development. This project examines demands and challenges related to the expansion of functions of a bus stop in order to integrate it as a meeting place for social interaction in its environment and thereby improve the use of public transportation. The research is conducted within the framework of a Living Lab in the city of Schwechat where various scenarios will be developed.

The Project BUS STOP 3.0 is part of the research programme "ways2go", conducted and financed by the Austrian Federal Ministry for Transport, Innovation and Technology (BMVIT), as the programme owner and the Austrian Research Promotional Agency (FFG) the programme management.

## AIRCLIP

The research project AIRCLIP focuses on potential international Best Practices related to land-based activities introduced at airports (including all possible airside and landside activities) which reduce the airport's environmental impact in terms of CO<sub>2</sub> emissions. The project consists of an online survey/questionnaire, the quantitative and qualitative description of best practices and concludes with recommendations that could be applied to the operations of Vienna International Airport (VIE) as well as to other airports in Austria. Through such measures, the main goal of AIRCLIP is to help VIE and other Austrian airports become more environmentally friendly in terms of CO<sub>2</sub> emissions.

The Project AIRCLIP is part of the research programme TAKE OFF, conducted and financed by the Austrian Federal Ministry for Transport, Innovation and Technology (BMVIT) as the programme owner and the Austrian Research Promotional Agency (FFG) the programme management.



# REAL CORP 2009

14<sup>th</sup> International Conference on Urban Planning, Regional Development and Information Society

## A CO-OPERATION OF

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