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Knowledge for better Cities



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ISOCARP / CORP Workshop

Metropolitan Solutions 2016

„Best Practices for sustainable cities – towards The City We Need 2.0“

„Plan it Smart! Clever Solutions for Smart Cities“

„Metropolitan Governance -
Is regional development driven by technological aspects?“

With the support of



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Visiting Address
Laan van Meerdervoort 70
2517 AN The Hague
the Netherlands

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**„Best Practices for sustainable cities – towards The City We Need 2.0“
ISOCARP Workshop at Metropolitan Solutions 2016, Berlin
1. June 2016 - 9.00 – 13.00**

Cities are the place of economic production, knowledge and innovation – together with connectivity, creativity and services. As cities are dense, they offer also high potentials for energy savings and low carbon economies. However, cities are also today confronted to several challenges: unemployment, segregation, climate change issues. Our ISOCARP Workshop will **focus on implementation of good practices**, by listening first from leading companies from the private sector, and secondly by presenting solutions for cities elaborated by urban planners in interdisciplinary teams: the Urban Planning Advisory Teams program (UPAT) of ISOCARP. The results of the presentations and discussions will be a contribution to the New Urban Agenda in Quito HABITAT III and presented by the General Assembly of Partners (GAP) under the ISOCARP Chair.

Morning Session – ISOCARP Workshop

09:00 Registration
09:15 Introduction: Towards The City We Need 2.0 Moderator, **ISOCARP**

Best Practices in **Technology** for sustainable urban solutions

09:20 Urban Greenways - An Approach to Planning Sustainable Cities –
ISOCARP Institute: A Centre for Urban Excellence Dr. Khalid El Adli, **VP ISOCARP**, Cairo

09:40 Urban Redevelopment and vertical density Birgit Detig, **ARCADIS**, Hamburg

10:00 Solutions for sustainable cities: how to develop financial mechanisms Solveig Buhl, **KfW**, Frankfurt

10:20 Innovative Solutions in Mobility: cable-car solutions for cities **Doppelmayr**, Wolfurt, Austria

10:40 Questions Moderator, **ISOCARP**

Best Practices in **Concept and Design** for sustainable urban solutions

11:00 Smart Cities Management – a new approach Guiseppe Conti / Francesco Caprioli, **TRILOGIS**, Trento

11:20 ESPRESSO, a new innovative research project related to urban planning Pietro Elisei, **ISOCARP**

11:40 Ten Years ISOCARP UPAT Experience - Singapore, Russia, China and Palestine Martin Dubbeling, **VP ISOCARP**

12:00 Podium Discussion + Attendance interaction Moderator + Martin Dubelling
Conclusions: Best Practices experiences Moderator **ISOCARP**

13:00 Lunch



**„Plan it Smart! Clever Solutions for Smart Cities“
ISOCARP / CORP Workshop at Metropolitan Solutions 2016, Berlin
June 1st 2016 - 14.00 – 17.30 - Chair: Manfred Schrenk**

“Smart Cities” has become a widely used term for the implementation of information and communication technologies (ICT) into the processes of cities and the built environment, aiming to improve the integration of the physical assets as well as social and environmental capital. Fired by several rankings there seems to be a competition for the title of the “Smartest City”. This kind of hype raises a lot of questions that the workshop will deal with.

The focus of the workshop will be on the role on how to **improve quality of life** by using „**smart technologies**“, with a special focus on **urban and transport planning**.

Can we „**Plan it Smart**“ and find clever solutions for smart cities?

14:00	Registration	
14:15	Introduction: Plan it Smart! Clever Solutions for Smart Cities and the different perspectives of „Smartness“	Manfred Schrenk, CORP
14:25	The City of Hamburg’s Digital City Strategy	Matthias Wieckmann, Leitstelle Digitale Stadt, Hamburg
14:45	Smart City Applications in Hamburg	Dr. Nicole Schubbe Landesbetrieb Geoinformation und Vermessung Freien u. Hansestadt Hamburg
15:05	BIM – Building Information Modeling as integral part of future Smart Cities	Dr. Tulke (tbc) Planen und Bauen 4.0, Berlin
15:25	Enabling stakeholder participation in complex planing processes using web environments	Max Harnoncourt Max Harnoncourt, CEO factline Webservices GmbH, Wien; Vorstand Liquid - Participation & COO Dokspace Webservices GmbH
15:45	The Future Role of Government in Smart Mobility Solutions	Dr. Stefan Kollarits PRISMA solutions, Wien/Mödling
16:05	Together people achieve great things. Collaborate with the best cleantech experts to get your sustainability challenges solved	Gisela Ebermayer-Minnich Solved.fi
16:25	Globalisation, Digitalisation, Urbanization from the perspective of municipalities	Franz-Reinhard Habel Deutscher Städte- und Gemeindebund
16:45	Round Table Discussion and interaction with attendance	Moderator, CORP

Who should attend? Decision-makers and urban professionals from the public, private and third sector, including researchers, policy-makers, planners, practitioners, SMEs and representative networks and associations worldwide – A Must!



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Final Program



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**„Metropolitan Governance -
Is regional development driven by technological aspects?“
ISOCARP Workshop at Metropolitan Solutions 2016, Berlin
2. June 2016 - 9.00 – 13.00**

Cities are the place of economic production, knowledge and innovation – together with connectivity, creativity and services. As cities are dense, they offer also high potentials for energy savings and low carbon economies. However, cities are also today confronted to several challenges: unemployment, segregation, climate change issues. A clear vision for the metropolitan areas of the future is needed.

Metropolitan governance is one of the central themes of the New Urban Agenda and the City We Need 2.0 document.

Program Morning Session – ISOCARP Workshop

09:00 Registration

Part 1: Talks

09:30 Introduction Prof. Dr. **Dirk Engelke**, HSR and ISOCARP

09:40 Metropolitan areas of the future **Hilmar von Lojewski**, Director Dezernat Stadtentwicklung, Deutscher Städtetag

10:00 Starting with Co-Design apl. Prof. Dr.-Ing. **Thomas Weith**,
Dr.-Ing. **Christian Strauß**, ZALF

10:20 The Case of Stuttgart Region **Thomas Kiwitt**, Ltd. Techn. Dir. Verband Region Stuttgart

10:40 Cars in a future urban environment Dr. **Ruff**, Daimler AG (tbc)

11:00 Planning through indicators - not technologies **Savvas Verdis**, SIEMENS London

Part 2: Discussion

11:20 Discussion with the speakers / attendance Prof. Dr. **Dirk Engelke**, HSR and ISOCARP

12:30 End of session

13:00 Lunch



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About ISOCARP, www.isocarp.org

The International Society of City and Regional Planners (ISOCARP) is a non-governmental organisation that brings together recognised and highly-qualified planners in an international network of both individual and institutional members. Founded in 1965, ISOCARP is structured through national delegations in more than 70 countries, its headquarters in The Hague, and liaison offices in key locations such as Beijing, Nairobi and Brussels. ISOCARP is recognised by the UN, UNHCS and the Council of Europe and has a formal consultative status with UNESCO. ISOCARP was the founding member of the Habitat Professionals Forum at Habitat II in Istanbul in 1996.

The objective of ISOCARP is the creation and distribution of knowledge for the improvement of cities and regions, and the planning practice in general. ISOCARP encourages exchange information and awareness at its events, stimulates research through publications, improves education and training through young planners and capacity building programmes, recognises key contributions through its awards, and provides neutral and expert technical advice to institutions and entities.

Planning has been identified as a key discipline in achieving sustainability in an urban world. As consultants to key decision-makers, city- and regional planners propose and support technical plans on behalf of the society in general, institutions and other actors such as civil associations and the private sector. Planners in the ISOCARP network combine technical knowledge and strategic thinking with practical implementation in mind, and are used to work in joint ventures and multi-disciplinary teams. ISOCARP also organises smaller scale seminars and publishes other professional documents, including the flagship publication ISOCARP REVIEW. ISOCARP has a Young Planners Programme in cooperation with leading universities and organises Urban Planning Advisory Teams to provide advice to governments and other entities interested in sustainable urban development.

ISOCARP is represented at major international events related to sustainable urban planning. ISOCARP is member of the Steering Committee of UN HABITAT's World Urban Campaign and is a frequent organizer of networking events at the World Urban Forum. ISOCARP is a partner organisation of key events such as the World Bank's Urban Research Symposium, ICLEI's Resilient Cities, the Global City Forum in Abu Dhabi and the World Cities Summit in Singapore, amongst others.

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Khalid Zakaria El Adli Imam, PhD, Assoc. AIA, F. Assoc. ASLA
Principal Partner and Managing Director

Dr. El Adli is Principal Partner & Managing Director at EAG Consulting; Vice President at the International Society of City & Regional Planners; Former Governor of Giza; and Associate Dean & Professor of Architecture and Urban Design at the Faculty of Urban & Regional Planning, Cairo University.

Dr. El Adli's extensive experience as an urbanist and academic include over 25 years in global higher education, planning, design, as well as project and development management. His strong track record as a competent professional and recognized top performer includes highly celebrated projects, publications, as well as senior appointments. Dr. El Adli is recipient of multiple honors and design awards. His areas of competency include: Sustainable Planning and Design, Livable Cities, Tourism Planning, Public Open Space, Community Development, as well as Regionally Appropriate Architecture.

Consistent with his reputation as an exceptionally talented designer; strategic thinker; and proficient manager, Dr. El Adli has an aptitude for conceiving innovative designs and creating vibrant urban places. He is a driven individual highly committed to quality, performance, schedule, and client satisfaction. With a diversified planning and design experience coupled by a formidable package of academic credentials from internationally renowned institutions, Dr. El Adli's accomplishments include numerous success stories and high profile projects in the MENA and Gulf region. His track record includes the planning and design of new towns, university campuses, mixed use developments, leisure and hospitality, commercial, residential, and urban landscapes.

As an expert on Sustainable Planning and Urban Placemaking, Dr. El Adli has published extensively and has conducted presentations aimed at improving public understanding of the importance of sustainable planning and design excellence. He is Referee to reputable peer reviewed journals and member to prestigious professional associations and civic societies including: AIA, ASLA, as well as ISOCARP.



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Birgit Detig, ARCADIS

Educated as Architekt at the Aachen University, Birgit Detig is City Executive Berlin, Big Urban Clients und Leader Site Development at ARCADIS Deutschland GmbH.

Explaining the MARKET SECTORS at ARCADIS

Each of our clients in Europe belongs to a specific market sector. On a pan-European level we focus on 8 of those market sectors in the private market. The largest clients within these 8 sectors are taken care of by our European Multi National Clients program with market sector leaders who focus on better understanding the sector needs and grow our revenues in the sector. Apart from these 8 focus sectors we have additional sectors on country level. Many of these are in the public area and include for example government, transportation, healthcare.

In addition, our Big Urban Clients program focuses on developing and growing our footprint in Amsterdam / Rotterdam and Berlin. The Key National Clients Program focuses on 20 selected large national clients.

With Europe 2.0, we are strengthening client development. Market Sector Leaders and dedicated European account managers will strongly focus on market trends and exciting opportunities. Collaborating closely with Value Proposition Leaders, they will foster fruitful relationships with large clients. The Arcadis Way of Client Development, enabled by Oracle Sales Cloud, will help them to achieve better results. Our new Director of Strategic Pursuits Europe will increase our hit rate on a pan-European level.



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Solveig Buhl

Dr. Solveig Buhl has 20 years of experience in development cooperation. She has joined KfW in 2008, currently working as a Senior Sector Economist for Urban Development and Transport. Before she worked in and on fragile states, among others representing KfW as Director of the Office in Afghanistan.

Prior to joining KfW, she worked for OECD mainly on infrastructure, agriculture, and Poverty Impact Assessment. She also worked for GIZ and a number of NGOs in both Headquarters and abroad, mainly in China and West African Countries.

She holds a PhD in Anthropology from University College London, UK and an MA in Anthropology and Sinology, FU Berlin.



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Doppelmayr/Garaventa Group



As quality, technology and market leader in ropeway engineering, Doppelmayr/Garaventa operates production plants as well as sales and service centers in over 35 countries worldwide. To date, the Group has built more than 14,700 installations for customers in 90 nations. Flexibility, know-how and pioneering spirit make the Group ideally equipped to meet all the challenges of traditional and new markets.

Innovative transport systems from Doppelmayr/Garaventa continually set new standards. Top comfort and safety define our installations – in summer and winter tourism regions as well as in the urban transit sector. Our material transport systems and ropeways for preventive avalanche blasting offer impressive efficiency and performance. All-year-round experience concepts round off our extensive portfolio.

With Doppelmayr/Garaventa, customers get top quality in modern design, user-friendly solutions and optimum service. From the initial idea to the completed project and beyond.



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Giuseppe Conti / Francesco Caprioli
TRILOGIS, Trento



We are a dynamic and constantly growing company, founded in 2006. We develop innovative solutions tailored to our customer's needs within the field of GIS (Geographic information System) and LBS (Location Based Services), adopting international quality standards, like ISO 9001.

Our DNA drives us to explore and experiment new technologies, becoming more than software integrator. We operate in different domains, mainly in Multi-utilities, Smart city, smart territory, Health & Care and Retail and business intelligence.



Giuseppe Conti
CTO Trilogis s.r.l, Italy

Dr Giuseppe Conti is CTO and EU project manager at Trilogis. He has a Master's degree in Civil Engineering (cum laude) and a PhD in computer science-related disciplines from the faculty of Engineering of the University of Strathclyde (UK). In the past he has worked for OVE ARUP international engineering consultant. He has a 10+ yrs experience in International RTD projects (funded by NATO or EC in the FP5, FP6, FP7, ICT-PSP programs) in the domains of interactive enterprise systems, service oriented architectures, geographical web services, mobile applications, location-based services and smart city services. Dr Conti has several years' experience in the technical, operational, administrative management of large-scale EU-funded projects. Over the past few years only he has acted as Technical Manager and Operational Manager within several large-scale projects funded by NATO and the European Commission within the FP7 (i-Tour) and ICT-PSP programs (BRISEIDE, i-SCOPE, SUNSHINE) each in the range of hundreds of man months, with up to 20+ partner institutions and up to several million Euros of total budget. He is currently project manager of a number of large industrial projects in the domain of planning and environment. He is also the coordinator of the i-locate ICT-PSP pilot B project (www.i-locate.eu) and the H2020 IA UNCAP (www.uncap.eu). Dr Conti has a sound technical background in geospatial domain and in the context of standardisation initiative. He has been member of the board of AMFM GIS Italian professional association and he is currently member of Technical Committee of the Open Geospatial Consortium.



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Pietro Elisei
ESPRESSO Project

Pietro Elisei, Town and Regional Planner, is managing director of URBASOFIA (Rome-Bucharest), a company providing services and consultancy in strategic planning, urban renewal/regeneration and regional development.

Research collaborator at Dipartimento di Scienze, Tecnologie e Formazione, Faculty of Economy (University of Tor Vergata – Roma2).

He is currently involved in URBACT projects/initiatives (URBACT validated expert 2007-2013) both as knowledge ambassador (Re-Block Project) and national trainer (Romania).

Content manager of a major SEE (South East Europe) project (STATUS: Strategic Territorial Agendas for “Small and Middle-Sized Towns” Urban Systems). Researcher and consultant in various EU financed projects on SMART CITIES platforms (I-scope, Sunshine, plan4business).

From 2001 to 2010 he was Secretary General of Planum.net (Rome, Bologna, Milan), the European Journal of Planning Online. Researcher for DipSU (Department of Urban Studies, Faculty of Architecture, Uniroma3) from 2002 to 2008, he has mainly been researching on Design of Urban Policies (focusing on EU promoted Urban Initiatives) and Tools for Territorial/Regional Competitiveness. In 2007, he moved to Romania working as International Expert in Integrated Planning/Urban Regeneration for contracts promoted by the EU Commission and The Romanian Ministry for Housing and Regional Development. Since 2005 he has been member of the CORP (Vienna) scientific committee. He is author of various articles and books (written and/or translated in Italian, French, English, German and Romanian), among these the following are worth remembering: The use of ERDF (European Regional Development Fund) through integrated plans in Romania: real needs of urban renewal and the distant strategies of EU policy/politics makers (2009), Recherche de convergence et de cohérence concernant la planification territoriale de l’Espace Méditerranéen (2007), CITIES 3.0, smart, sustainable, integrative: Strategies, concepts and technologies for planning the urban future (2009).

Pietro was a UPAT Team Leader for the city of Perm in 2012.

He worked for/researched in diverse cities, among which: Rome, Berlin, Bucharest, Barcelona, Sitges, Copenhagen, Pitesti, Baia Mare, Satu Mare, Alba Iulia, Bologna, Perm.

Pietro Elisei holds a doctorate in Politiche Territoriali e Progetto Locale (Università degli Studi Roma Tre) and is graduated in Environmental Engineering/specialization Urban and Territorial Planning (La Sapienza, Rome). Before moving to Romania, he was mainly living, studying and working “in between” Italy, Germany and Austria.



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Martin Dubbeling
UPAT ISOCARP Vice-President

Martin Dubbeling (1961) is senior consultant, urban planner and urban designer. He is an active and all-round practitioner in the fields of spatial planning, urban planning, landscape architecture and the environment in the Netherlands and China. He is specialised in complex transformations of down town areas of historic villages and cities and in sustainable urban planning and design. In 2013 Martin Dubbeling started Connecting Cities, an office for research, consultancy, design and communication in sustainable urban and regional planning. He works closely together with experts and associates in the Netherlands, Europe, Asia and the USA.

Since 2011 Martin Dubbeling is Vice President Urban Planning Advisory Teams (UPATs) of ISOCARP, the International Society of City and Regional Planners. ISOCARP is a society with 800 members – urban planners and designers and landscape architects – in nearly 80 countries. For ISOCARP Martin Dubbeling is responsible for organising the UPAT workshops. These are workshops of a week with experts from ISOCARP commissioned by cities and regions. In the past years Martin Dubbeling was responsible for UPAT workshops in and missions to Singapore (2010), Wuhan (2012), Perm (2012), Shantou (2013), Nanjing (2013), Ulyanovsk (2015) and for the United Nations to Gaza (2015), the West Bank (2015) and Kabul (2016).

Martin Dubbeling has 25 years of experience in design, research, publications and consultancy in the field of sustainable urban planning and design. He is one of the authors of the best selling book 'Sustainable Urban Design, Perspectives and Examples' (2005) for which he was awarded with the Gerd Albers Award on the 42nd ISOCARP Congress in Istanbul in 2006. The second and revised edition of this book is published in September 2010. Martin Dubbeling was Rapporteur and member of the Congress Team on the 45th ISOCARP congress 'Low Carbon Cities' in Porto in 2009 and workshop coordinator of the Young Planning Professionals prior to the 46th ISOCARP congress 'Sustainable City – Developing World' in Nairobi in 2010. He has written articles about energy transition and spatial and urban planning and about urban planning in China for the ISOCARP Reviews 05, 07 and 09.

Martin Dubbeling studied Urban Planning and Design at the Faculty of Architecture and the Built Environment of the Delft University of Technology (1981-1988). During and directly after his studies in Delft he had an office for architecture, urban design and research (1985-1992). Subsequently he worked for and had management positions at the design and consultancy offices BügelHajema Adviseurs (1993-1999), KuiperCompagnons (2000-2005) and SAB (2006-2012). Next to his work for these offices he was Chair of the comity on sustainable urban design and planning of the Netherlands professional organisation of urban design and planning (1993-2013) and Vice President of BNSP, the Netherlands professional organisation of urban planning and design (2009-2013).

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