WORLD URBAN DEVELOPMENT CONGRESS
INTA38 IN TALLINN, ESTONIA
25 - 27 JANUARY 2015
Meriton Grand Conference & Spa Hotel Tallinn

FUTURE SMART CITY DEVELOPMENT
TERRITORIAL, SOCIAL & TECHNOLOGICAL INNOVATION
SCOPE

The pressures of global population growth, increased urbanisation, aspirations for an ever-improving quality of life, and the urgent need to control CO2 emissions, coupled with the growing competitiveness of cities in their desire to build strong local economies, create an imperative for cities to innovate to become «smart» and to remain so.

It is estimated that while 50% of the world’s population lives in cities, that figure will be nearly 70% by 2050, leading to rapid growth of existing cities and the creation of some 9,000 totally new cities.

The «smart city» is one way of meeting the challenges of potential overcrowding, congestion, poverty, environmental degradation and low quality of life which are threatened by this phenomenal rate of growth.

Technological innovation is underlain by the presence of advanced information and communication systems (ICT), and signalled by the harmonisation of intelligent policies for investing in social and physical capital; promoting innovation and entrepreneurship; creating sustainable infrastructure and environments; reducing waste and the use of non-renewable energies; encouraging participatory action and engagement.

How are these innovation policies manifest in towns and cities across the world? What are their impacts and consequences – intended or unintended? How is comparative advantage achieved in results across these smart objectives? What are the tools of creation and measurement in the implementation of innovation strategy?

However, we cannot rely only on technological and managerial innovations to meet the various challenges posed by cities and territories. Today, urban or territorial development is not just a mater of technology; it is not enough to deploy hardware to find solutions to social and economic needs, to climate or energy emergencies or individual aspirations. Social and territorial dimensions of innovation play a role and have a place in a sustainable and equitable development at the local as well as other levels.

The parallel process of both territorial integration through metropolisation and local empowerment creates overlapping administrative perimeters putting into question the efficiency of existing planning tools, plans, programmes and projects, and governance systems. Metropolitan process requires conceiving innovative interactions between territories, actors and institutions both horizontally and transversally as weak or inappropriate metropolitan governance being a barrier to sustainable and equitable development.

These questions and related issues are to be the subject of the 38th Annual Congress of INTA taking place in Tallinn, Estonia, 25 till 27 January 2015.

Two days of intense debates are envisaged between delegates from around the world, plus technical visits to recent development sites in Tallinn. INTA will also promote policy exchanges and interactions, together with Business-to-Business opportunities and participation of key players from industry, municipalities, government agencies, academia, journalism and consultancy firms.

The INTA38 Congress puts innovation at the heart of its agenda: technological innovation (smart cities, technology for smart and sustainable urban development), social innovation
The host city of Tallinn is, in itself, an exemplar «smart city» - described in the New York Times as «a sort of Silicon Valley on the Baltic» - with enlightened policies not only for the use of digital technologies, but also in the areas of culture, education, social innovation and cross-border economic collaboration with Helsinki and neighbouring Baltic cities. Tallinn’s Old Town is listed as a UNESCO World Heritage Site and has been listed among the top 10 digital cities in the world. The city was a European Capital of Culture for 2011, jointly with Turku in Finland.

Other cities - from South America, North America, Europe, the Nordic countries and Asia-Pacific – will explain their experience, aspirations and challenges in creating and connecting «intelligent cities».

In Latin America, Medellin made public its Charter on the human future of the world’s cities. The challenges are social, cultural as well as economic and technical: how to set an equitable urban society, economically distributive, socially inclusive, politically democratic and environmentally sustainable? How can hard and soft technology help?

The Nordic Cities, known for their equity and social welfare, their sustainable solutions and high ranking quality of life, nonetheless, are inviting us to look for a different kind of urbanity, a new urban civilisation that meets the people’s needs in a globalised world. A break is needed with old ideas about forms of ownership, democracy, nature and the concept of growth.

Sustainable and Smart urban development are now considered as strategic objectives in North America as well as in the European Union. Four major criteria are critical: putting people at the heart of the urban project with priority to the quality of life; effective reduction of consumption of natural resources and integration of the various urban functions; strong and participatory governance; a process able to adapt to local cultures and contexts.

Asian Pacific cities are growing at an unprecedented pace stressing their infrastructure and creating significant congestion and pollution challenges. Cities in Indonesia, Singapore, Malaysia, Thailand, Taiwan, China, Korea or Japan are questioning the values and direction they take in urban development in particular in balancing the demand for services to people with strong ICT supply reflecting the priority given to an economic-based logic.

There is a need to consolidate and compare these various views of the city of the future and to mark the directions being taken in “smart-city thinking”. This attempt at consolidation makes the core programme of the 38th Annual Congress of INTA.
INTA38 CONGRESS SCHEDULE (provisional)

Sunday 25th January
11h00 – 19h00 Registration (Meriton Conference and Spa Hotel Conference Centre, 2nd floor)
11h45 Gathering in “Meriton Conference and Spa Hotel” lobby
12h00 URBAN REDEVELOPMENT IN TALLINN
Technical visit by Chief Architect of Tallinn
15h30 INTA GOVERNING BOARD (Meriton Conference Centre, 2nd floor)
18h30 departure from the Hotel to the Old Town Hall (by bus)
19h00 WORLD URBAN DEVELOPMENT COUNCIL (Old Town Hall, Raekoda)
Moderators: Jaap Modder, The Netherlands - Marc Baietto, France - Christer Larsson, Sweden - Carlos Moreno, France Colombia
Conclusion: Henry Chabert - INTA Honorary President, France
followed by WELCOME COCKTAIL (Old Town Hall, Raekoda)
21h00 Transfer back to Meriton

Monday 26th January
08h30 Welcome coffee
08h30 – 19h00 Registration desk open (Meriton Conference Centre, 2nd floor)
09h20 Gathering in Meriton lobby for technical tours
09h30 TALLINN A EUROPEAN SILICON VALLEY
Technical visits - 3 different tours
1: Tehnopol Science Park of the University of Tallinn (language English)
2: Ülemiste smart city - Smart Business City (Language: English & French)
3: Smart public transport (tour by tram languages English & French)
12h30 lunch (Meriton, 1st floor)

14h00 OPENING (Meriton Conference Centre, 2nd floor)
Moderator: Michel Sudarskis - INTA Secretary General
Budiarsa Sastravinata - INTA Honorary President
Maurice Charrier - INTA President
Edgar Savisaar - INTA Vice President, Mayor of Tallinn, Estonia

15h00 Plenary 1 TERRITORIAL INNOVATION: BACK TO THE CITIZEN?
How Smart City, or Innovation, put the end-user, the citizen - not the consumer - at the centre of urban development; ICT and smart technologies making the citizen the producer of his or her living environment.
Moderator: Roy Adams - INTA Vice President
Christer Larsson - Director of City Planning, Municipality of Malmö, Sweden
Myriam Arabian - President of the municipal commission of Urban Development and Environment, Puebla, Mexico
Wang-Hsiang Hwang - Deputy Minister, National Development Council, Taiwan

16h30 coffee break
17h00 Plenary 2 SMART DRIVERS FOR SMART SUSTAINABILITY
The leverages to activate to create smart and sustainable urban dynamics? Is it knowledge and education, or new forms of collaborative partnership between the urban actors, or the engagement of all actors into an interactive and innovative ecosystem?

Moderator: Carlos Moreno - Scientific advisor, Cofely-INEO, GDF-SUEZ
Valérie David - Director Sustainable Development, Eiffage, Paris, France
Jean-Michel Ristori - Director Egis France, Lyon, France
Chin Rong Charles Lin - INTA Vice President, Deputy Mayor, Taipei, Taiwan
Willemieke Hornis – Project manager Smart Cities, Ministry Infrastructure and Environment, The Hague, The Netherlands
Kerri Farnsworth - Academy of Urbanism, London, United Kingdom
Guillermo Civetta - General manager, Technological Pole, Rosario, Argentina (video)

18h30 INTA GENERAL ASSEMBLY (members only)

19h30 Departure from Meriton to Song Festival Grounds
20h00 GALA DINNER - SONG FESTIVAL GROUNDS (Lauluväljak)
23h00 Transfer to Meriton

Tuesday 27 January (Meriton Conference Centre, 2nd floor)
9h00 Parallel workshops Part 1
A: URBAN DEVELOPMENT AND INNOVATION
Opportunities to discuss smart development from different points of view
Moderator: Damiano Cerrone - Coordinator and co-founder, Spatial Intelligence Unit, Tallinn, Estonia
Galina Kuleshova - Researcher and consultant, Moscow, Russia
Alena Ulasava - TSNIIP of Ministry of Construction, Moscow, Russia
Matej Nikšič – Researcher, National Urban Planning Institute, Ljubljana, Slovenia

B: DOES SMART WORK AT METROPOLITAN LEVEL?
How Smart, or Innovation, percolates all territorial levels from the building to the neighbourhood, the city, the Metropolitan; how much institutional and governance structures impact the smart process?
Moderator: Paul Gerretsen - CEO Delta Metropool, Rotterdam, Netherlands
Yang Xie - Vice Chairperson, Standing Committee of Chengdu Municipal People’s Congress, China
Ain Järv - CEO, Ridango AS, Tallinn, Estonia
Aivars Starikovs - Hydrogen and Fuel Cells Advisory Board, Riga, Latvia
Veera Mustonen - Head of Smart Kalasatamama, Forum Virium Helsinki, Finland

10h30 coffee break
11h00 Parallel workshops Part 2
A: URBAN DEVELOPMENT AND INNOVATION - CTD
Moderator: Damiano Cerrone - Coordinator and co-founder, Spatial Intelligence Unit, Tallinn, Estonia
Bernard Gindroz - BMGI Consulting, Belgium
Timurs Safiulins – International Project Coordinator, Energy Agency, Riga, Latvia
Germanico Pinto – City Services Manager, Yachay EP, Quito, Ecuador

B: DOES SMART WORK AT METROPOLITAN LEVEL? - CTD
Moderator: Paul Gerretsen - CEO Delta Metropool, Rotterdam, Netherlands
Bart Rosseau – Data & Information Management, City of Ghent, Belgium
Om Raj Poudel - Senior Government Officer, Pokhara Sub Metropolitan City, Nepal (tbc)
Paul Gerretsen - CEO Delta Metropool, Rotterdam, Netherlands

12h30 lunch

14h00 Wrap-up of parallel workshops and first day
Marc Baietto – President of INTA Scientific Committee, France
Carlos Moreno - Scientific advisor, Cofely-INEO, GDF-SUEZ Group
Jaap Modder - Brainville, The Netherlands

14h30 Plenary 3 IS TERRITORIAL DEMATERIALISATION BRINGING MORE EQUITY?
The spatial consequences of smart and ICT development. Can ICT overcome social disparities in emerging countries; is E-Governance the end of the territory? How to coproducing and co-design the city of the future?
Moderator: Fernando Nunes da Silva - INTA Vice President, Professor, Technical University of Lisbon
Séverin Nsia - INTA Vice President, Director of Planning, Cotonou, Benin
Anu Hallik-Jürgenstein – Head of Department, Tallinn Urban Planning Department, Estonia
Paula Coelho Marques – Councillor for Housing & Local Development, Lisbon City Council, Portugal

16h00 coffee break

16h30 Plenary 4 LEVERAGING THE HIGH-TECH ECOSYSTEM OF THE CITY TO FACILITATE ITS TRANSFORMATION INTO A SMART TERRITORY
ICT Industry is shaping the city of the future and serving future social needs; could E.cooperation foster sustainable cross-border development?
Moderator: Marek Bryx - Vice Rector, Economic School of Warsaw, Poland
Iemke Idsingh – Director Smart Cities, Oracle Corporation
Gal Sharabi – City council & Directorate member, Tel Aviv – Yafo Municipality, Israel
Laurence Marine Dupouy - Director, Digital Affairs, Bordeaux Metropole, France
Chin Chih Wu - Chief Technological Officer, ASUSTeK Computer, Taiwan
Taavi Aas - Vice Mayor, Tallinn, Estonia

18h30

CONCLUSIONS AND CLOSING
Roy Adams - INTA Vice President
Henry Chabert - INTA Honorary President, France
Maurice Charrier - INTA President
Edgar Savisaar - INTA Vice President, Mayor of Tallinn, Estonia