

# BIG DATA AND SMART & SUSTAINABLE CITIES



# PROGRAM



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# INTRODUCTION

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The Big Data and Smart Cities Conference is part of a series of four public conferences organized in 2017 by French diplomatic missions in Northern Europe.

French Embassies and Instituts français of Norway, Sweden, Denmark and Finland organise a series of conferences to explore the theme of Big Data. Each participating country hosts a public discussion on one domain impacted by Big Data and the current state of research in the related fields:

- Big Data and energy for Norway;
- Big Data and agriculture for Denmark;
- Big Data and health for Sweden;
- Big Data and smart cities for Finland.

The conference will welcome several experts and stakeholders in smart cities from France and Finland from different areas of expertise: researchers, companies, associations, city representatives.

This event will also be an opportunity to set up meetings to foster possible bilateral collaborations between France and Finland.

Join the conference on Twitter : [#BDCities17](#) (@IFFinlande)

# PROGRAM

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“Big Data and Smart & Sustainable Cities”  
September 5th, 2017 - Helsinki City Hall

16h00 **OPENING SESSION** Moderation: **Mathieu LEPORINI**, Scientific Attaché

- **Jan VAPAAVUORI**, Mayor of Helsinki;
- **Kimmo TIILIKAINEN**, Minister for Housing, Energy and the Environment;
- **Jeannette BOUGRAB**, Former French Minister, Cooperation Counselor – Embassy of France in Finland, Director of the Institut Français de Finlande

16h10 **KEYNOTE LECTURE**

**Gilles BABINET**, Digital Champion of France to the European Commission: “**Smart Cities: Technology or culture and inclusion?**”.

16h30 **CITIES POLITICAL DIALOGUE**

“**Political strategy, Big Data and the future of Cities**”

- **Anni SINNEMÄKI**, Deputy Mayor of Helsinki
- **Emmanuel GREGOIRE**, Deputy Mayor of Paris

Moderation will be ensured by **Francis PISANI**, journalist at “Le Monde”-Smart Cities

17h30 **KEYNOTE LECTURE**

**Tiina KÄHÖ**, CEO, Smart and Clean Foundation – Helsinki:  
“**Helsinki Metropolitan as the best test bed for smart and clean solutions**”.

## 17h50 PANEL DISCUSSIONS Moderation by **Francis PISANI**

### 17h50 PANEL 1 : “PPPP - Public, private and people’s partnership for urban innovation”

- **Séverine CHAPUS**, Cities Initiative Director, Dassault Systems: “How to make our Cities a place again full of resources”
- **Veera MUSTONEN**, Head of Smart Kalasatama, Deputy CEO at Forum Virium Helsinki: “Engaging citizens and companies to co-create future smart&clean solutions”
- **Alain CHATEAU**, Director of the City of Nice Center of Excellence in Smart Cities, Department of Economy, Innovation, Employment and International, Nice Côte d’Azur Metropolis: “Smart city data strategy to foster an innovation-based economic development”
- **Timo ALI-VEHMAS**, Chairman, Nokia Foundation: “Proactive Society through Emerging Digital Ecosystems”

### 18h40: PANEL 2 “Are Urban systems the future of Smart Cities ?”

- **Prof. Miimu AIRAKSINEN**, Program Manager of Smart cities initiatives at VTT, Finland : “Increased sustainability by using big data and cognitive systems”
- **Prof. Valérie ISSARNY**, Coordinator of the CityLab initiative from INRIA - the French National Institute for computer science and applied mathematics: “Toward participatory smart cities: From multidisciplinary research to innovation”
- **Tuomas QVICK**, Vice President, Schneider Electric: “Technology evolves fast - Connected platforms and new ecosystems to unleash hidden potential in Smart Cities.”
- **Gilles BABINET**, Digital Champion of France to the European Commission

## ANNI SINNEMÄKI

Ms. Anni Milja Maaria Sinnemäki was born 20 July, 1973 in Helsinki. In December 2014 Ms. Sinnemäki was appointed as the Deputy Mayor for the City of Helsinki, responsible for City Planning and Real Estate. Since June 2017 she is in charge of Helsinki's Urban Environment Division, which includes City Planning and Real Estate. She was Member of Parliament for 15 years, representing The Green League of Finland (1999 to 2015). Ms. Sinnemäki was Member in the Council of State as Minister of Labour from 2009 to 2011 i.e. 2 years. She has been Member of the City Council since 2005. She has published two collections of poems "Sokeana hetkenä" (2003) and "Aleksis Kiven katu" (2009) and she also wrote lyrics for albums by Ultra Bra group. Ms. Sinnemäki holds a degree from the University of Helsinki, 2001, Faculty of Arts, Bachelor of Arts, her main subject was Russian literature. Ms. Anni Sinnemäki is married to Mr. Anton Monti and she has two children; Siiri 27 years and Rufus, 5 years.



## EMMANUEL GRÉGOIRE

Born in 1977, Emmanuel Gregoire graduated from the Institute of Political Studies of Bordeaux and has a degree in philosophy. He specialized in organizational sociology and communications systems and began his career as a consultant. He worked for 10 years in NICT and health sector. In 2009, he eventually became the head of staff of Bertrand Delanoë, former Mayor of Paris. A position he held until his departure for the Prime Minister's cabinet where he worked as head of Staff until April 2014. Since April 5th, 2014 Emmanuel Grégoire is Deputy Mayor of Paris, in charge of Human Resources, public utilities and modernization of public administration.



## GILLES BABINET

Gilles Babinet is a French multi-entrepreneur, Digital Champion of France. He has created 9 companies since 1989 in various areas of activity: Escalade Industrie, Absolut Design, Musiwave, Captain Dash, Eyeka, MXP4 and Digibonus. Nowadays, Babinet has stepped down from the management of his other firms to concentrate on his role as executive chairman of Captain Dash. He is also a Non executive director at LinkByNet, a cloud service company as well as member of the Strategic advisory board of EY France. From 2002 until 2010, Babinet was also at the board of administrators of the Mobile Entertainment Forum, an international Association promoting leisure services on mobiles. Mr. Babinet is also an active member of the association 100 000 entrepreneurs.



## FRANCIS PISANI

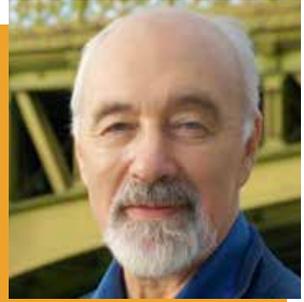
Author, columnist, speaker, consultant, Francis Pisani analyses information technology's social, urban, and geopolitical impacts.

He is currently working on smart cities the world over balancing the interconnected importance of technology, sustainable development, citizens' participation, and inclusivity. His articles appear on LeMonde.fr/Citynnovation. They have been previously published by more than 100 publications, including by many newspapers of record (Le Monde, El País, Folha de São Paulo, etc).

After being based for fifteen years in the San Francisco Bay Area, he completed several world tours of innovation in ICT and innovation strategies: close to 50 cities, more than 30 countries, 5 continents.

He recently published 2 books (Travels in the smart cities, between datapolis and participolis (free download in English and French) and on the Future of innovation (free downloads in French and Spanish). Among other books, he co-authored with Dominique Piotet the award winning How the web is changing the world (Pearson).

Francis has lectured at Institut d'Études Politiques (Sciences-Po, Paris), at UC-Berkeley and at Stanford University, and at the University of St Gallen in Switzerland among many others. He was a '93 Nieman Fellow at Harvard University. He has earned his doctorate in Political Science-Latin American Studies at La Sorbonne (Paris).



## TIINA KÄHÖ

Tiina Kähö works as the Executive Director of Helsinki Metropolitan Smart & Clean Foundation. Smart & Clean is turning the Helsinki Metropolitan area into world's best testbed for smart and clean solutions. The cooperation between cities, businesses, research organisations, Finnish government and citizens is unique to the world. New solutions and services are created and implemented in mobility, built environment, energy, waste and water, as well as in consumer cleantech. This will create a new operating model for cities in which they are the test beds for new solutions. Helsinki Metropolitan can offer the best smart and clean solutions for different challenges facing world's cities.



## TUOMAS QVICK

Tuomas Qvick is a Vice President at Schneider Electric, responsible for the EcoBuilding Business in Finland with innovative and extensive offer for Internet of Buildings and Smart Cities. Prior to joining Schneider Electric, Tuomas has worked 15 years in the building technology industry in Europe and has led interesting businesses focusing on indoor air quality, energy efficiency and advanced healthcare solutions. Tuomas is an inspirational leader and gets excited about the concepts such as “disruptive innovations” and “unfair competitive advantage”.

Right now he is excited about Schneider Electric’s Intelligent Building Software Solution that has been ranked globally No 1., and holds the domain expertise to support equipment optimization for energy efficiency, the global reach to support market education and adoption, and flexible offerings positioned to support the wide ranging needs of today’s customers and future businesses.



## VALÉRIE ISSARNY

Valérie Issarny holds a “Director of research” position at Inria, the French institute for research in Information and Communication Science and Technologies, where she led the ARLES research team until 2013, investigating distributed software systems leveraging wirelessly networked devices, with a special emphasis on service-oriented systems. Her research lies in the study of middleware solutions easing the development of distributed collaborative services, including mobile services deployed over smartphones and interacting with sensors and actuators. Valérie has published over 200 technical papers in the area of distributed systems and software engineering.

Since summer 2013, Valérie is the scientific coordinator of the Inria@SiliconValley program promoting and fostering collaboration between Inria and California universities. She is also coordinating the CityLab@Inria research program dedicated to the study of urban software systems promoting citizen engagement; the program is developed in collaboration with CITRIS at the University of California Berkeley and targets urban-scale experiment in Paris and California cities. Ongoing projects include Ambiciti on urban pollution monitoring through participatory sensing and crowd sourcing, and AppCivist on a middleware platform for democratic assembly and collective actions, which benefit from the support of the EIT Digital organization.



## MIIMU AIRAKSINEN

Miimu Airaksinen works as a research professor in Technical Research Centre of Finland, VTT. In her current work her responsibilities are the scientific level of research and the co-operation with our industrial partners and municipalities. Most often the co-operation is done either in confidential R&D projects together with industrial client or in joint EU or global projects as well as in national projects. She is currently involved in four H2020 Lighthouse projects on smart cities and communities. She also actively involved in policy making latest being the renewal of Finnish Building code 2012 and energy certificates as well as Georgian energy efficiency legislation. At the moment she leads a CIB (International Council for Research and Innovation in Building and Construction) task group for smart cities and prepares a CIB roadmap on that topic. Most recently she was nominated to UN habitat policy advisor for group 9 focusing on smart cities.

She also active in international co-operation e.g. in European Innovation Platform for Smart Cities and Communities. She is currently member of Steering and Scientific Committee of E2BA, European Construction Technology Platform, Energy Efficient Buildings Association. Airaksinen is also active in EERA, European Energy Research Alliance, and member of Steering Committee in Joint Program of Smart Cities. Airaksinen is also Member of Finnish Climate Change panel–scientific working group to support policy making. In addition she is a corresponding member of the Technical and Research Committee of REHVA European Federation of European Heating, Ventilation and Air-conditioning Association. Since urban development is important field of research and implementation she is working as a domain expert in European Cooperation in the field of Scientific and Technical Research, COST, Transport and Urban Development.



## VEERA MUSTONEN

Veera Mustonen leads Finland's largest Smart City district programme, Smart Kalasatama in Helsinki. She works in Forum Virium, a development agency owned by the City of Helsinki. Prior to her current position Veera Mustonen has worked for 15 years in the ICT field, developing innovative human centered concepts and services in such companies as Nokia, Sanoma and Fujitsu. For a decade, 2001-2011, Veera worked in senior management positions in Nokia. She was leading future smartphones R&D and user experience projects. After Nokia she carried out research and business development activities related to digital wellness, Health 2.0 and Big Data in National Consumer Research Centre and Aalto University. Mustonen served as a city councilor and a member of the environmental committee of the city of Helsinki 1997-2000. Veera holds M.sc of cognitive science from the University of Helsinki. Currently she is enrolled as a doctoral candidate in organizational science at Aalto University.



## ALAIN CHATEAU

Alain Chateau worked for 30 years for major telecommunication and semiconductor companies and he acquired deep knowledge in the development and application of digital technologies.

Leveraging his international experience in R&D management, he has been leading the smart city Centre of Excellence of the Nice Cote d'Azur Metropolis since 2014 where he is deploying the digital-based territorial development strategy and he is conducting smart city pilot projects.



## SEVERINE CHAPUS

Severine Chapus recently joined Dassault Systemès to lead the City initiative.

With an experience in construction industry and urban regeneration, she has worked, for the past three years, for the French government, as director of an investment program for urban sustainability and innovation.



## TIMO ALI-VEHMAS

Timo Ali-Vehmas is a Nokia Fellow focusing on data driven ecosystems and their dynamics in digital society. His current research aims to understand impacts of different policies and practices to the emerging ecosystems in e.g. healthcare, transportation and mobile communications.

After graduation at Helsinki University of Technology in 1982, his career includes leadership roles in Nokia Mobile Phones' break through R&D programs, like the ones that built the first ever GSM and WCDMA phones - and executive roles in Nokia corporate research and standardization functions for developing mobile communication systems and technologies.

Currently he also serves as the chairman of the board in Nokia Foundation, member of the board in Walter Ahlström Foundation, member of Finnish Standards Association's (Standardisointilautakunta) as well as member of the council of Tekniikan Akateemiset TEK.



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"Big Data and Smart & Sustainable Cities"  
September 5th, 2017  
Helsinki - City Hall