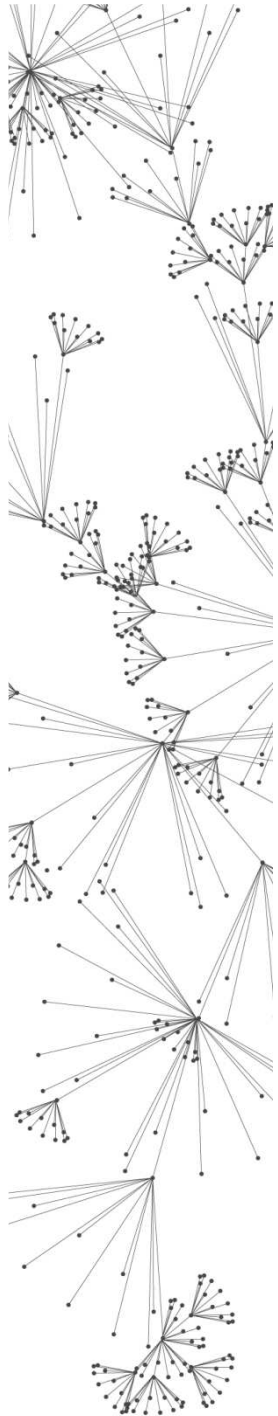


Digital City in the Next Five Years

Patrick COCQUET
Chief Executive Officer

cap-digital
Paris Region



The “Digital City in the Next Five Years”, is the title of a workshop that took part during the “Futur en Seine” event, in Paris June 2009.

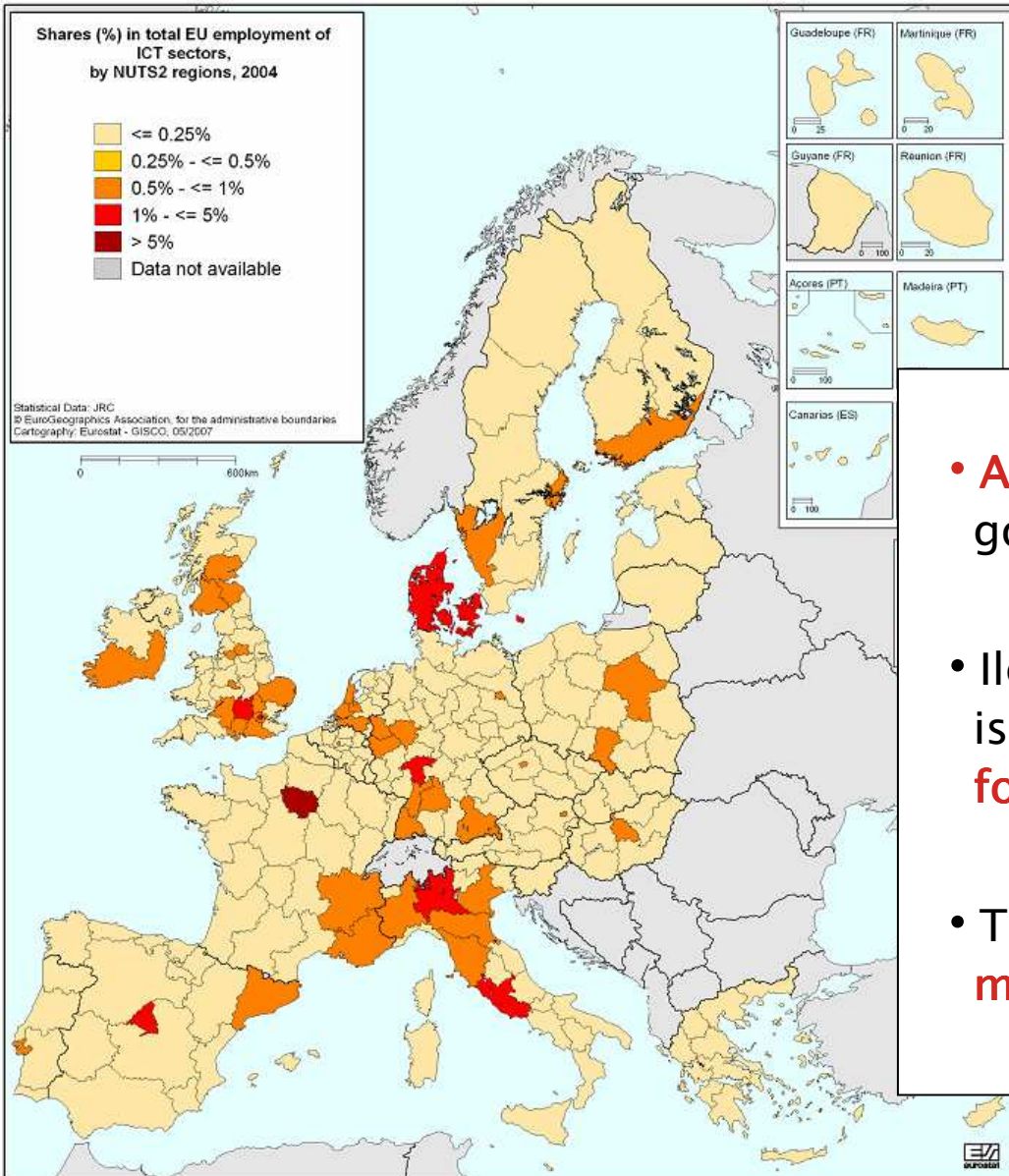
The aim was to initiate diverse, international participation and collaboration around the digital city of the future which would yield practical and sustainable progress.

Cap Digital

Patrick COCQUET
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Cap Digital: The French Business Cluster for Digital Content and Services



- **Accredited in 2005** with strong governmental support

- Ile de France (Greater Paris Region) is **the number one region in Europe for ICT**

- The Content industry represents **more than 150,000 jobs**

A New Industrial World

The Digital Society

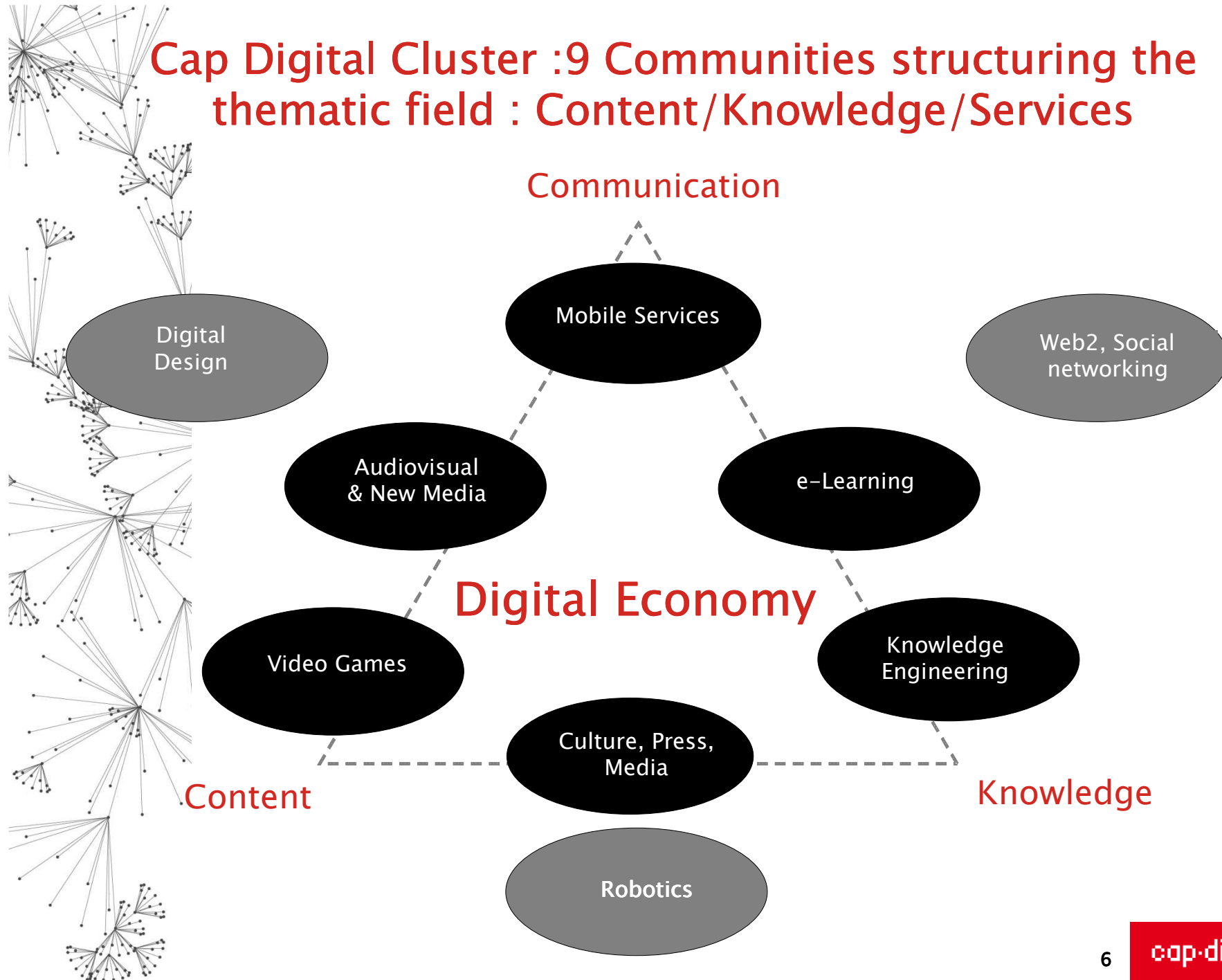
Merging of Communication & Information Technologies towards a Knowledge Society

In a context of:

- Globalization of the economy
- Globalization of contents (film, games, TV, press, literature)
- Education and cultural influence

A new industrial world driven by creativity, marketing innovation, and technological disruptions : information processing in cloud architectures, pervasive connection to digital life, user generated contents, immersive interfaces, personal devices, communicating objects, cross media entertainment, etc..

Cap Digital Cluster : 9 Communities structuring the thematic field : Content/Knowledge/Services





Over 500 Members

- **22 Major Corporations**
 - ❖ Lagardère, Canal +, France Télécom, Thomson, Thales, Motorola, Editis, Microsoft, UbiSoft, EDF, Alcatel, Bull...
- **6 Private Sector Groups**
 - ❖ Capital Game, FICAM, Pôle audiovisuel nord parisien, Silicon Sentier, Simavelec, SPFA
- **More than 450 SMEs**
- **100 Public Bodies**
 - ❖ Universities, research labs, and higher education establishments
 - 140 labs
 - ❖ Public companies : IGN, INA, la Cité des Sciences...
- **Regional and County Councils**



Operational Initiatives

- **Promote collaborative projects**
 - A label of excellence to support R&D funding
 - More than 700 projects submitted to Cap Digital since its creation (400 in 2009), 500M€ total budget allocated to projects in 5 years.
- **Stimulate the process of innovation**
 - Networking events
 - Workshops, conferences...
 - Web-site, newsletters...
- **Set-up open test beds**
 - THD platform
- **Provide services to members**
 - Technology/innovation promotion
 - Business relationship, funders (BAs, VCs)
- **Help members to address the global market**
 - European network and project
 - International cluster collaborations
 - Involvement in international events and tradeshow

Innovative Projects

Towards the future Digital City

Patrick COCQUET
Chief Executive Officer

cap-digital
Paris Region

THD Platform : “incubating” digital services

- The THD platform consists in a new program to facilitate the implementation of industrial projects for digital services and contents

- **B2C**

- MMOG (Massively Multiplayer Online Games)
- Mapping Services (ie: virtual 3D globe)
- E-learning, after-school tutorials
- E-health, home-care, remote diagnosis and assistance



- **B2B**

- Teleconferencing, tele-presence, collaborative environments
- Secure storage of online multimedia data, data-management
- Online information sharing, ASP software
- Remote training, Remote healthcare



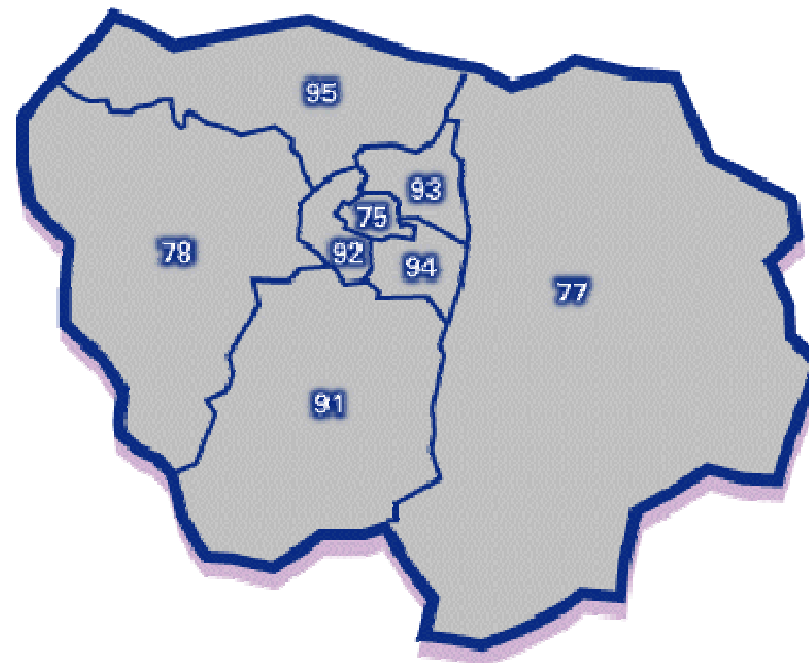
- **A better understanding of new usages**

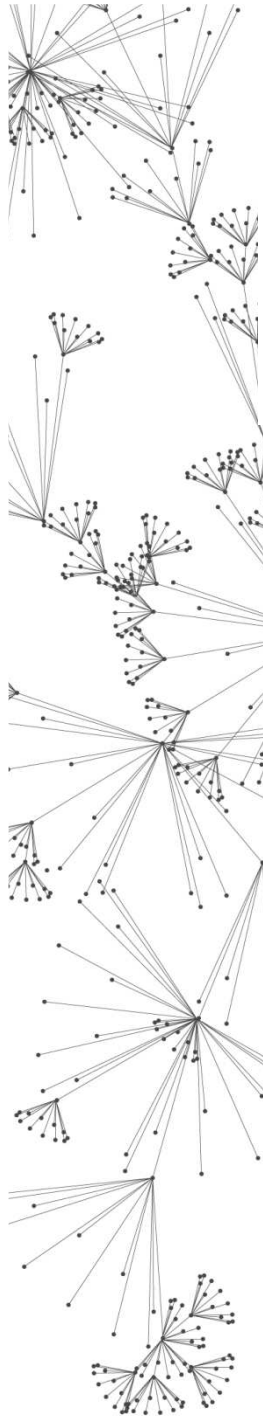
- Benchmarking
- Comparative Analysis
- Cultural Observation



Trial Panels

- Panel of **5,000 testers** (optic fiber and DSL subscribers) in the Greater Paris Region
- FTTx Zones: residential zones (collective and individual homes), mixed-units, business zones, schools...





Terra Numerica and the digitalisation of territories : a cooperative project accredited by Cap Digital

TERRANUMERICA

cap-digital

- A major project led by Thalès : 17 partners, SMEs , public institutions (INRIA, IGN) and public labs (CITU, LEDEN)
- One global information system founded on a 3D geographic database : a new way of reading (décrypter ?) the urban environment
- The project allows a dynamic access to the whole accessible contents for various users : tourists, professionals, locals, authorities or general public
- The development of digital technologies in the city creates new needs embodied by new consultation systems : Terra Numerica takes into account the diversity of users, contexts and consultations supports



www.musetrek.com

An interactive system to engage visitors in viewing and thinking about culture.

Text, image, audio and video based tours linking together artwork in cultural venues.



Recommendation engine

Propose cultural content and tours adapted to visitors' personal interest



Website

A cultural community creating and uploading their own tours and interacting with other enthusiasts.



Mobile application

Visitors involve in a free iPhone/iTouch application used to access and respond to user and staff created tours.



The Green Watch : the construction of a sustainable city with digital economy

- Inspired by experience in London, New York and San Francisco, and conceived within the framework of the « Villes (Cities) 2.0 program)
- The « Green Watch/ Citypulse »'s objective :
 - multiplying by 1000 the number of environmental data capture « agents » in the city
 - letting citizens participate in measuring environmental factors





Festival of the Digital City of the Future
FenS-2009 FenS-2011

Digital Prototypes, Citizen Engagement & Sustainability

February 2010

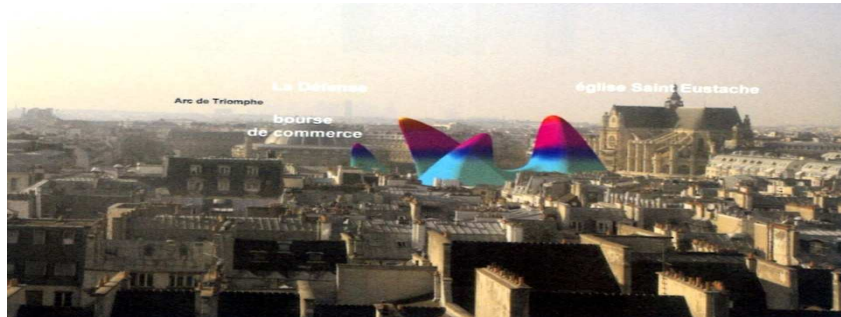
Complementary Goals

- Create a “live showcase” for the creativity and innovative technologies of Parisian/Ile de France companies and research labs who are building the Digital City of the Future
- Involve all the citizens, regardless of their experience or knowledge of digital technology, through a collective experience of possible scenarios for the future
- Create strong, international connections and collaborations to ensure sustainable impact and progress on a local and international level



A living lab concept

16 prototypes developed



Télescope panoramique

Ludigo

Réalité augmentée mobile

Frida V

Urbadeus

Héritage 3D

Meet your Heartbeat twins

City pulse / montre verte

Nuage vert

Théâtre de guignol numérique

Voxtrumental

Le robot touriste

AWDIO Software

Sur-impression

MeTaCarte

Transport amoureux



Unique and Pioneering International Festival

- On a cultural, technological and social level



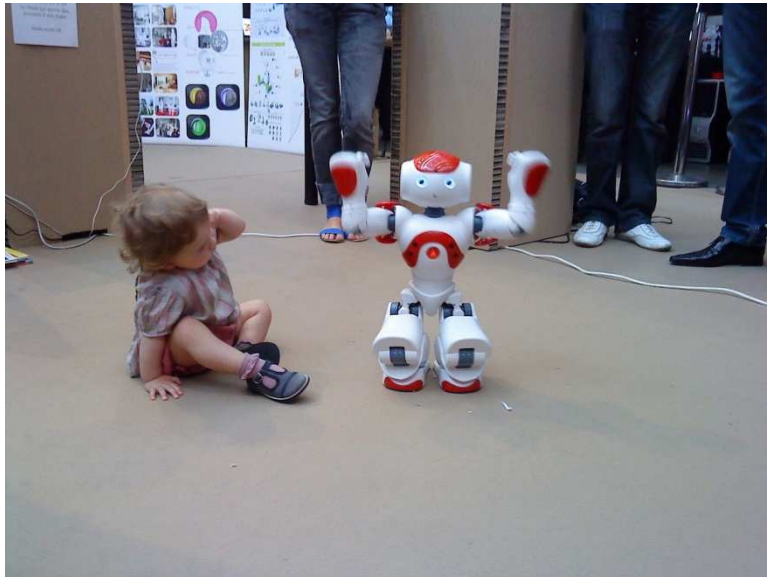
Open, Inclusive & Interactive

- World class visionaries, thinkers, creatives and practitioners with interactive participation of the “grass-roots” public
- A “Popular Festival” with profound professional, social and environmental implications



Exceptional scope of local and international events and content

- A wide range of Conferences, Exhibitions, Demos, Workshops, Installations, and performances on a top international level
- Across the city and region, at prestigious, public venues
- ...open to all and free of charge



For a diverse range of international participants and visitors

- Politicians
- Planners
- Strategists
- Innovators
- Creatives
- Multimedia professionals
- Entrepreneurs
- Investors
- Artists
- Scientists
- Co-creative consumers (prosumers)
- Citizens
- Interested and curious tourists



Multi-disciplinary co-creation

- Cross-disciplinary brainstorming and hands-on prototyping on a local and international level



Futur en Seine 2011

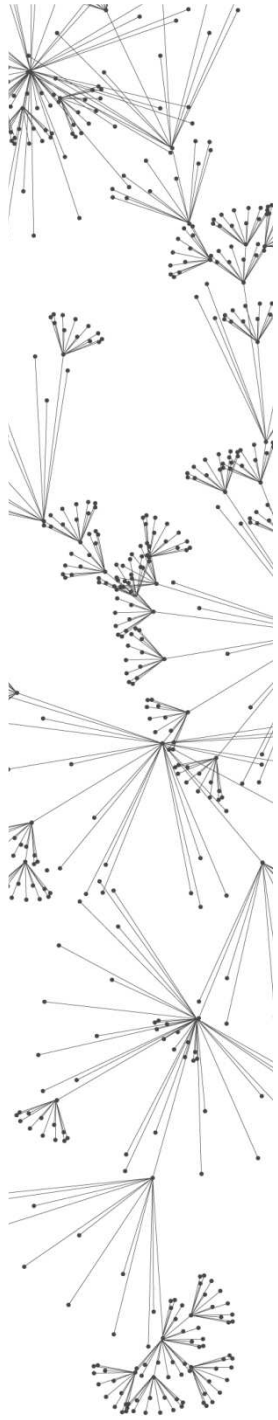
- Next Futur en Seine planned for Summer 2011
- International collaboration in designing of the digital city of the future together is welcome!



Coming back to the Digital City workshop

Patrick COCQUET
Chief Executive Officer

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Paris Region



Recommendations from the workshop

- Digital technologies should create social change
- Digital technologies should benefit health, heal, reduce stress and panic
- Ubiquitous connectivity is important, with the exterior world and with oneself (connect with your personal history)
- Different visualizations give new views and different perspectives and help to see things in a new way
- Internet of Things: digital technologies should be ubiquitous and facilitate a “programmable” city
- Augmented Reality presents great social and urban potential

Thank you for your attention

To be part of Cap Digital Story and Community or just to get some informations, please contact us at info@capdigital.com or 01 40 41 11 60

You can also visit our websites www.capdigital.com and www.futur-en-seine.fr