

# The urban scene in action, between real and virtual



Summerschool, Jean-Jacques Terrin, September 2009



## Agenda

### **1. A new emerging urban culture**

challenges, incertitude, innovation

### **2. The scene of controversy**

stakeholders, controversy, negotiation, mediation

### **3. A new experience of space**

Physical spaces and virtual environments, scales, temporal aspects, mobility, accessibility, multi-sensorial apprehension

1.

# A New Emerging Urban Culture

challenges, incertitude, innovation

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## 1. Challenges

Environmental issues

Economical...

social, political risks, etc...



In Greece last summer



## Challenges

Communities

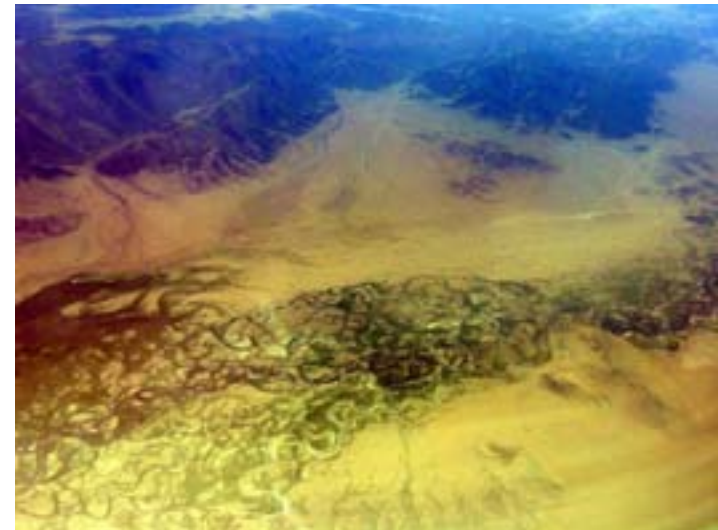
Over security



Gated cities

## 2. Incertitude

Facing the unknown, the invisible, the difference



## Incertitude

A Need for Forums : focus groups, interdisciplinarity, understanding other cultures





## 3. Innovation Hyper Places

Emergence of an urban hyper society functioning as an hypertext since individuals function as hyperlinks,

Overcoming time and geographic limitations of space,

Refer to immediate surroundings, to distant places and social milieus.

City of Songdo, Korea





## Innovation Value for sensations

Search for ambiances,  
sensitive atmosphere

Interaction with environmental  
phenomena and the user



**An example: Lyons Dubai** (500 million €)

A district inspired by Lyons' "heart and spirit":

Residences, squares, streets, buildings and cafés re-creating the ambiance of Lyons.

A branch of the « Institut Louis Lumière »

A hotel school managed by the « Bocuse Institute »,

A football training center managed by the « Olympique Lyonnais » football club,

A branch of the Lyons fabrics museum...

“Dreams are priceless and in Dubai we make dreams come true”

## Innovation Trans-architecture

“Next Babylon, Soft Babylon:  
(trans)architecture  
is an Algorithm to play in”

Marcos Novak, architect



IPCity



Immersion room



Concurrent ingeniering

## 2.

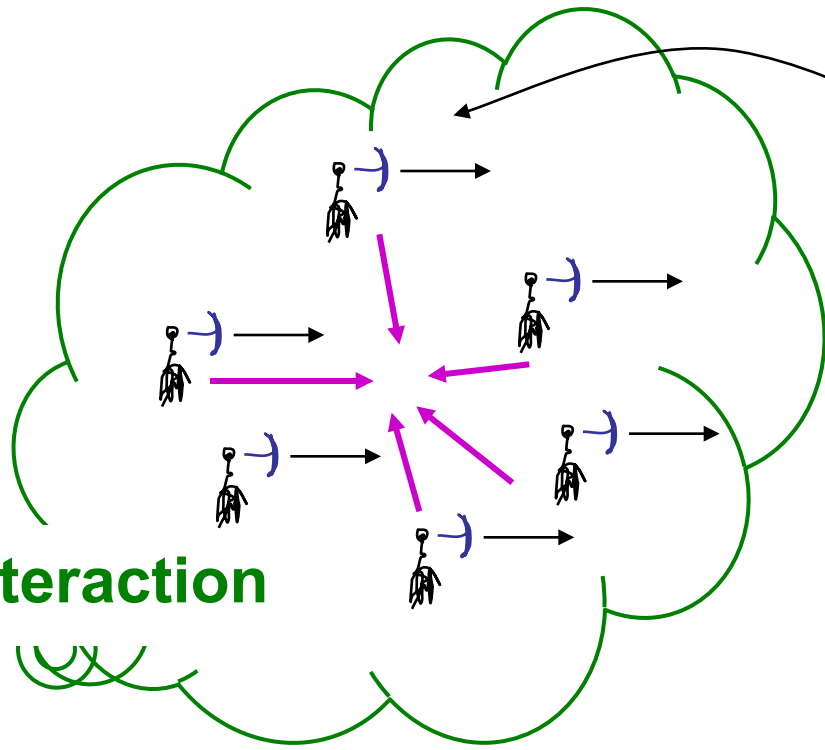
# The scene of controversy

interaction, stakeholders, controversy, negotiation, mediation

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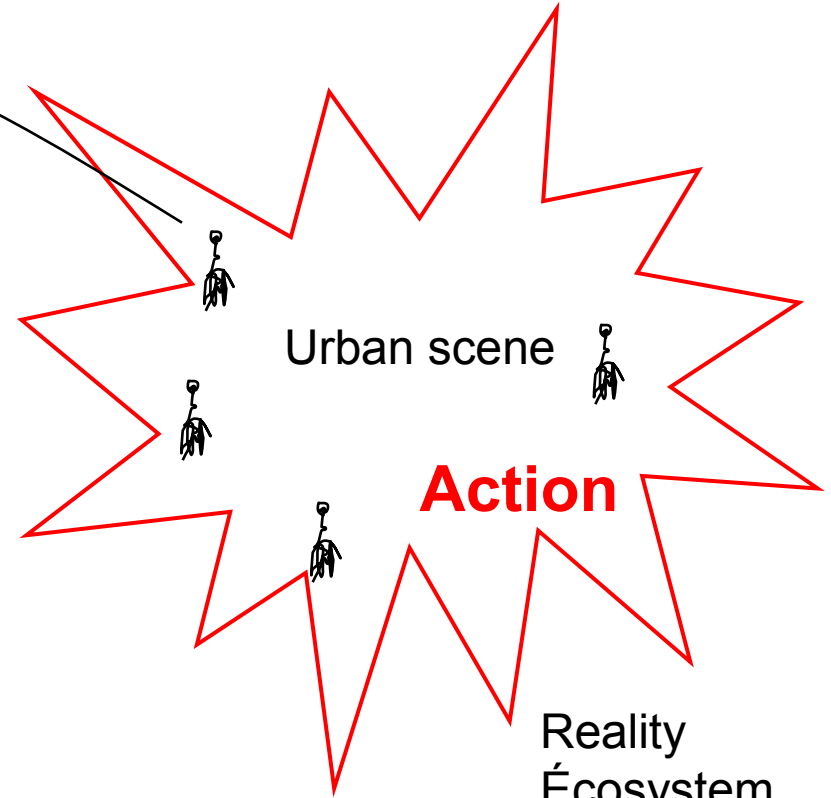


# The scene of controversy



## Interaction

Stakeholders  
Point of view  
Public Debate  
Negotiation  
Participation  
Expertise



## Representation

Common language  
Codes, abstraction  
Communication  
Traditionnals tools  
New medias

Urban scene

**Action**

Reality  
Écosystem  
History  
Evolution  
Complexity  
Transformation  
Continuity

## Stakeholders

The know-how on **long-term issues**

(politics, sustainable development...)

The know-how on **short-term issues**

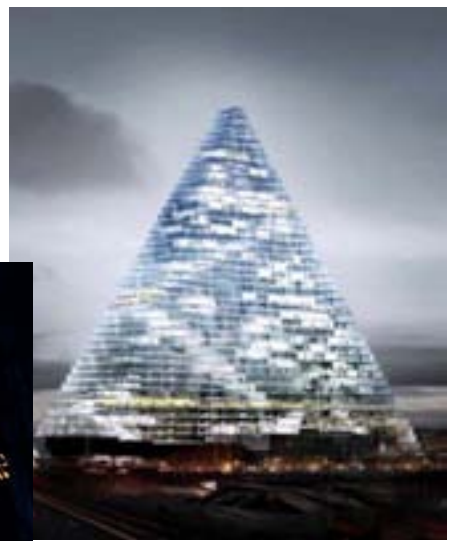
(urban planning, production, economics...)

The know-how on **everyday urban life issues**

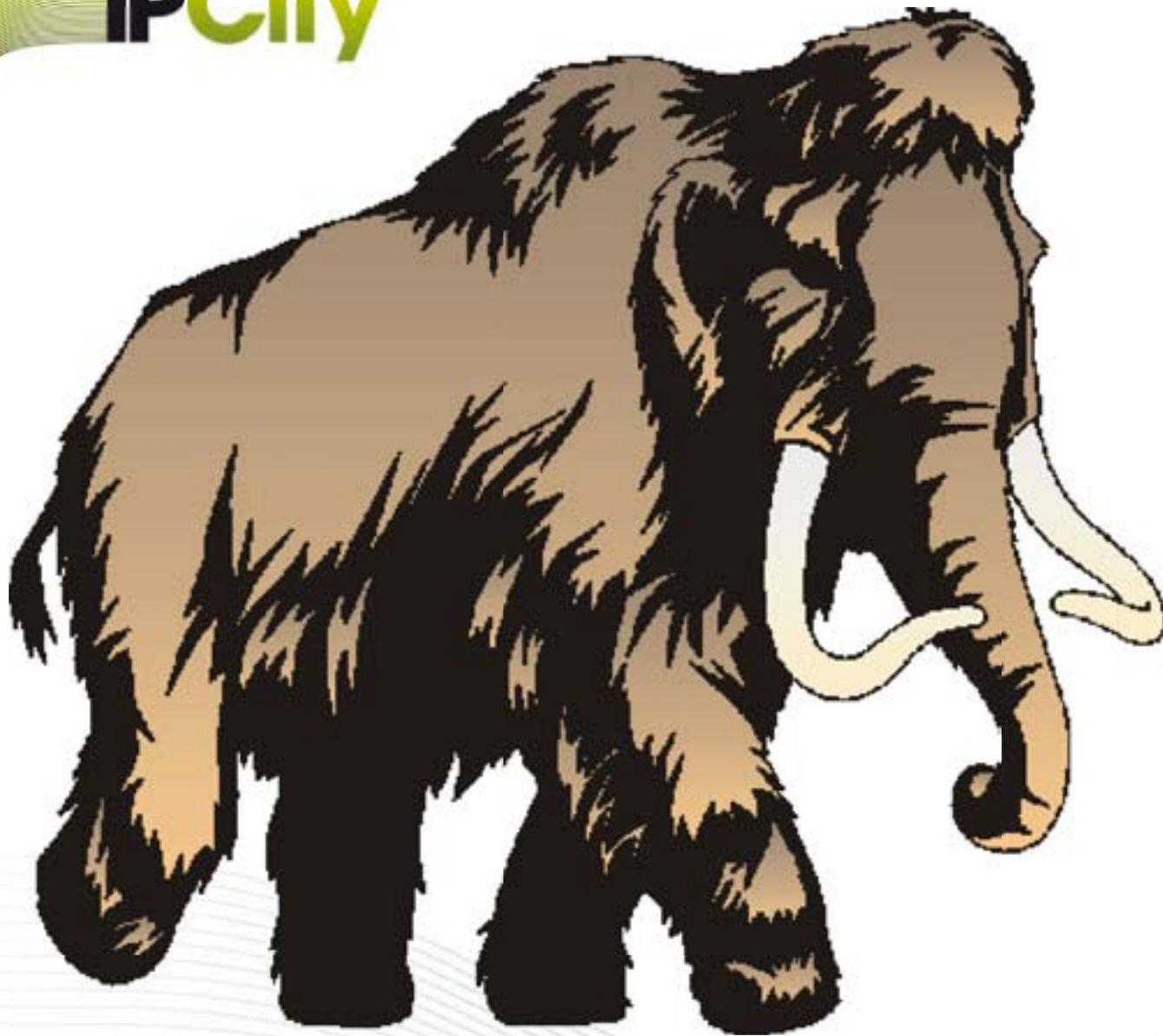
(uses, citizenship, habitat, culture, Events, life quality...)



## Controversy







A subject of controversy : What killed the Mammouth? Bruno Latour

## Negotiation

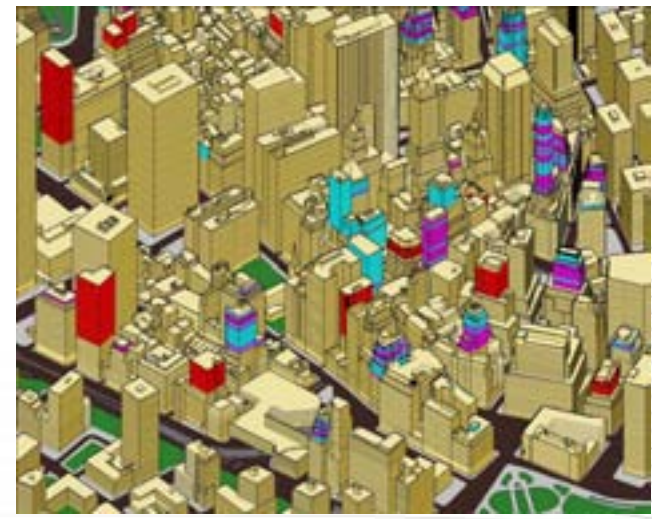


## Mediation






## Mediation



## 3.

# A New perception of space

Physical spaces and virtual environments,  
scales, temporalities, mobility, accessibility,  
multisensorial apprehension of space

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## Physical spaces and virtual environments

the site,

material and physical elements,

*genius loci*,

social imaginary,

memory, ...





## Temporal dimensions

traces,  
archeology,  
parcours,  
uses,  
memory, ...



Day and night



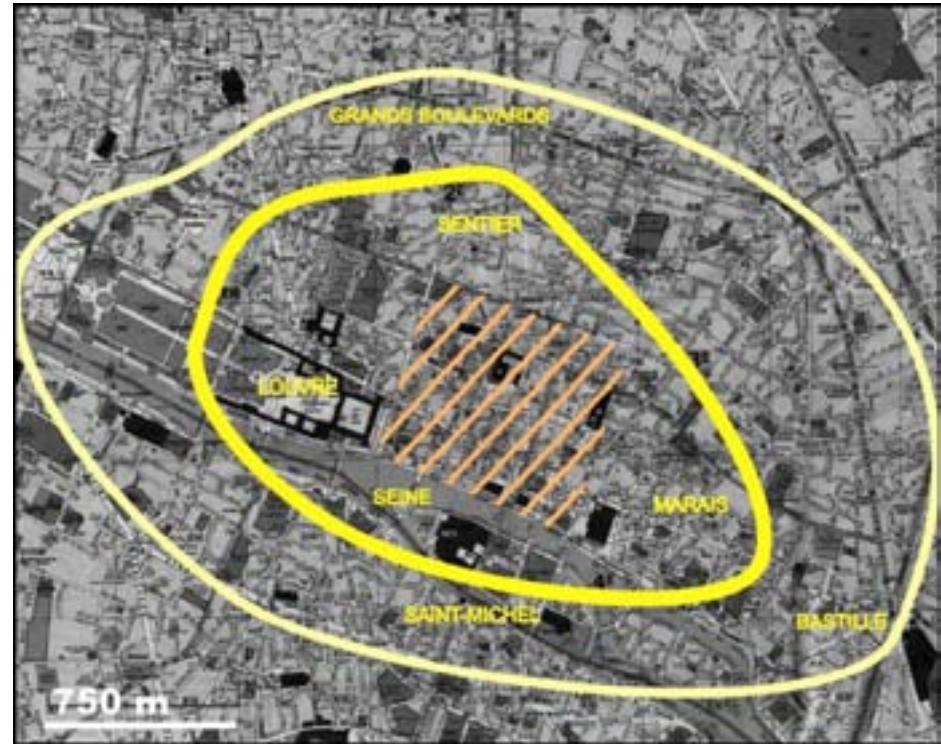
Seasons

## Scales

The same site calls out different scales of a territory.

Permanent relationship between territories of different scales, issues, organisations, between:

- **Local**
- City and its suburbs
- Metropolitan areas
- Large territories
- **Global**





## Mobility

### A right to mobility

A number of networks  
Multimodal structures

### A need to reduce mobility

Urban sprawl  
pollution  
energy  
green house gases





## Mobility

### Urban networks

A balance between cars and other transportation modes

Mixt displacement modes

Develop the duo pedestrian / Internet

### New centralities

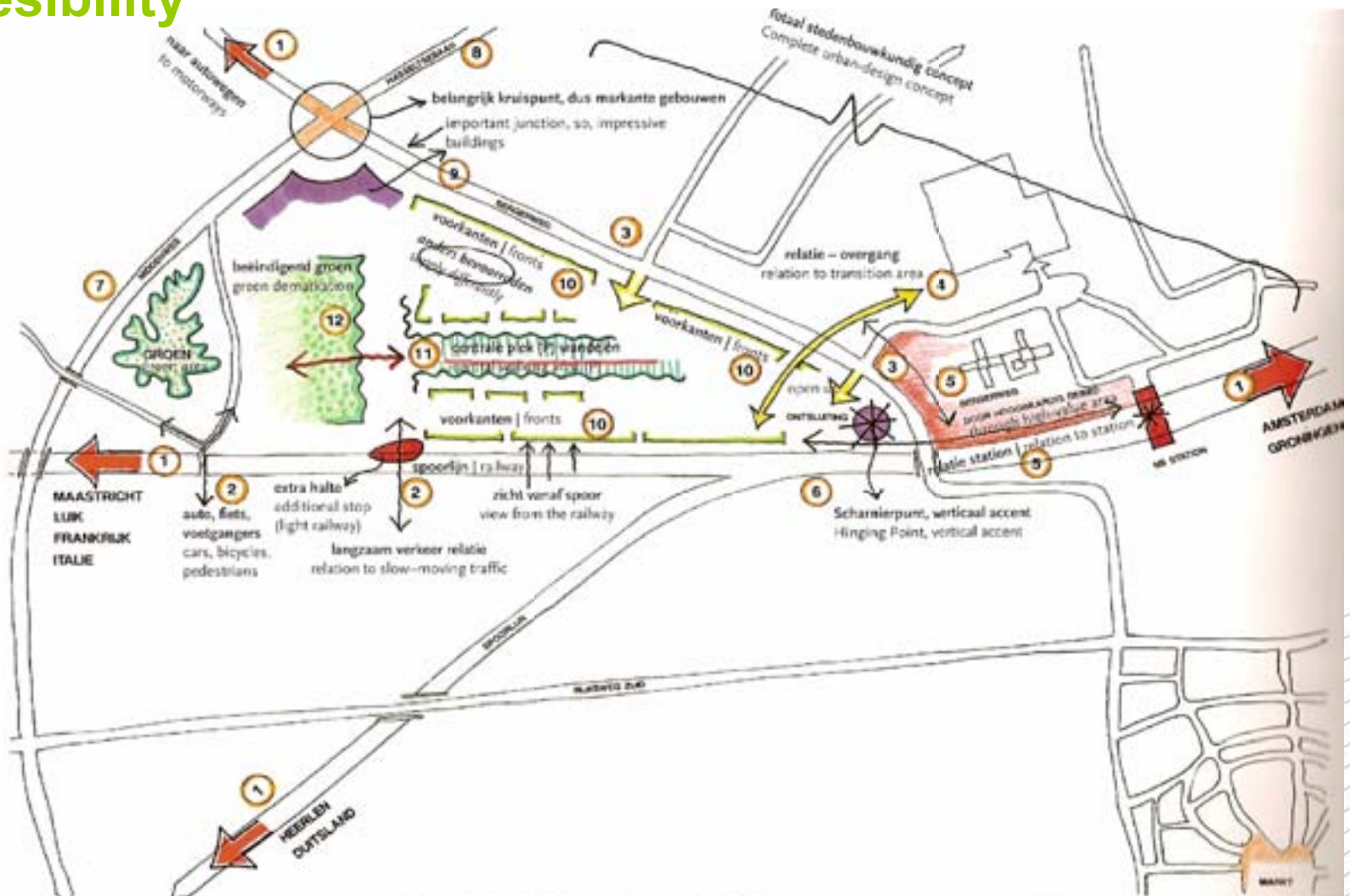
Rail stations

Commercial areas, leisure facilities



Kyoto Station

## Accessibility









## Multi-sensorial apprehension of space

### **Ambiances:**

A notion involving the immaterial and sensorial aspects of space:

- efforts to express the non measurable,
- the sensible, the experience of being there

A narrative power related that comes into the debate in order to stimulate the imaginary.

### **A sensible perception :**

- physiological : the 5 senses
- psychological : personal interpretation of sensations
- sociological et cultural : use, comportments, imaginary



## How can we communicate and represent:

- controveerse, experience, incertitude?
- the imaginary, urban sensations?
- values as equity, identity, security?
- images that illustrate the words so that words don't end up to an image's legend?

