

FUTURE-PROOFING CITIES: THE EUROPEAN EXPERIENCE

THE ACADEMY
OF **URBANISM**

SMART CITIES – FUTURE CITIES

- Climate change
- Population growth
- Globalisation of economy & associated dependencies
- Technological developments
- Geo-political changes
- Human mobility
- Structural demographic change eg. ageing populations
- Inequality and social tensions
- Insecurity (eg. energy, food, water)



Environmental

Social

Economic

Governance

Not just about technology – it means smart citizens, smart governance (not governments), etc, too!

EUROPEAN CITY OF THE YEAR AWARD

- to identify and recognise the best, most enduring or most improved city environments in Europe
- to understand better the processes by which they are nurtured, used and enjoyed



ASSESSMENT CRITERIA

1. **Leadership and Governance** - is it well-managed, inclusive, fair?
2. **Local Character** - does it have a distinctive sense of place, identity & cultural resonance?
3. **Amenity** - is it an attractive, safe & enticing place for people to live, work and play
4. **Commercial Success & Viability** - does it provide a conducive environment for wealth creation & distribution, and the maintenance & improvement of its urban environment?
5. **Environmental Sustainability** - does it show & promote environmental sustainability?
6. **Community, Health and Wellbeing** - does it show & promote civic behaviour, social cohesion, health & wellbeing?
7. **Connectivity** - does it provide physical and ICT-based access options to a range of urban services?

ie. which cities are dealing with 'smart city' challenges the best?

28 CITIES ASSESSED SINCE 2006

Aarhus (2015)	Copenhagen (2006)	Istanbul (2014)	Oslo (2012)
Amsterdam (2008)	Dublin (2007)	Lisbon (2012)	Rotterdam (2015)
Antwerp (2013)	Edinburgh (2007)	London (2007)	Turin (2015)
Barcelona (2008)	Freiberg (2010)	Lyon (2013)	Valencia (2010)
Berlin (2008)	Glasgow (2011)	Malmo (2014)	
Bordeaux (2010)	Göteborg (2012)	Manchester (2009)	
Bristol (2009)	Hamburg (2013)	Marseille (2014)	
Budapest (2011)	Helsinki (2011)	Newcastle/Gateshead (2009)	

'ECO-ECO' RESILIENCE

Lyon: Les Berges du Rhône





Les Berges du Rhône – climate resilience + reclaiming citizen realm



Les Berges du Rhône – permanent + ‘meanwhile’ uses



Les Berges du Rhône - climatic + ecological intervention

INTA Congress 38
Tallinn, January 2015

Kerri Farnsworth, Academy of Urbanism

‘ECO-ECO’ RESILIENCE #2

Freiburg, Germany: Vauban sustainable brownfield urban extension



NEW WAYS AND TOOLS

Lisbon: new Development Permit system

- 2012 Masterplan identified 11 priority investment areas
- credits can be transferred from original location to 1 of priority areas
- credit value can be increased by 20% for consistent good performance
- credits can now be traded → new commodity market



NEW WAYS AND TOOLS #2

Malmö: value-based planning



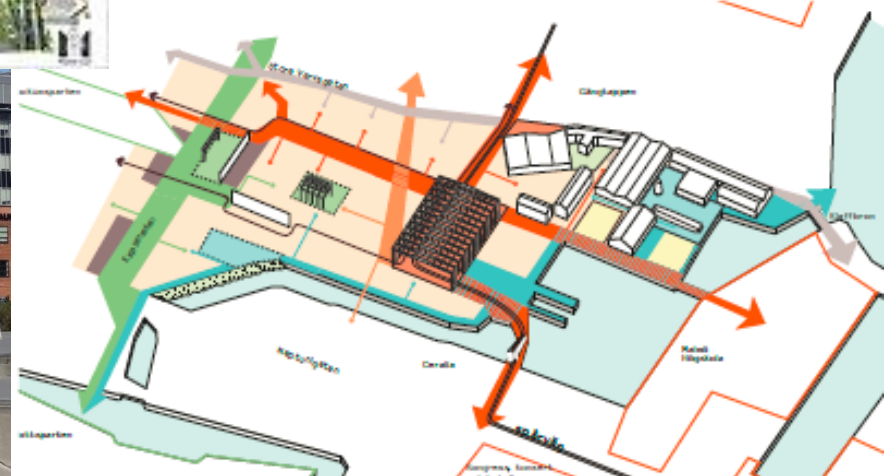
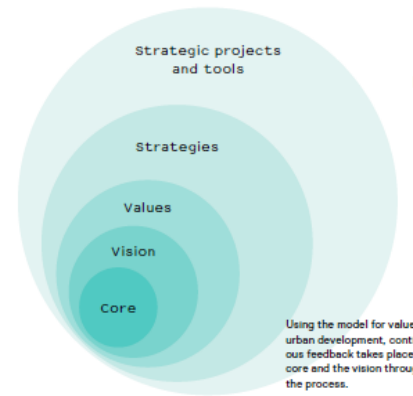
Value plan Varvsstaden

The value plan provides the basis of Varvstaden's structure. Main routes and places form the framework for the development, which fills the district with a robust and mixed content. The overall structure is laid down in the value plan, while the city blocks between the routes and places can be flexible over time.

Varvstaden's three building blocks – the routes, the places and the development – interact and create a unique, characterful and contrast-rich structure. The building blocks obtain their character from their context. They form a web of different functions and characters and together create a unique whole with an exciting content. It has been established that the routes, places and functions stated in the value plan are to be located in Varvstaden, but the exact location of the majority of the building blocks is flexible.

DEVELOPMENT FACTS

- development ratio minimum 1.5
- Mixed urban housing, businesses, service, retail, multi-story car park, public attraction
- At least 50% housing
- Around 1,500 homes
- Around 5,000 workplaces
- A school (pre-school-year 9)
- Two preschools
- Occupation 2014



NEW WAYS AND TOOLS #3

Antwerp: Urban Acupuncture



Antwerp - small-scale interventions in priority neighbourhoods



Antwerp - capacity-building education & local economy



Antwerp – quality spaces for maximised economic return

GOVERNANCE & STRATEGIC LEADERSHIP

Marseille – strategic clarity

- multi-level 10-year Plan + funding agreed by law
- limited strategic priorities eg. Euromediterranéé, Capital of Culture 2013
- early community engagement - “ma ville...”



GOVERNANCE & STRATEGIC LEADERSHIP

Marseille - partnership and priority clarity



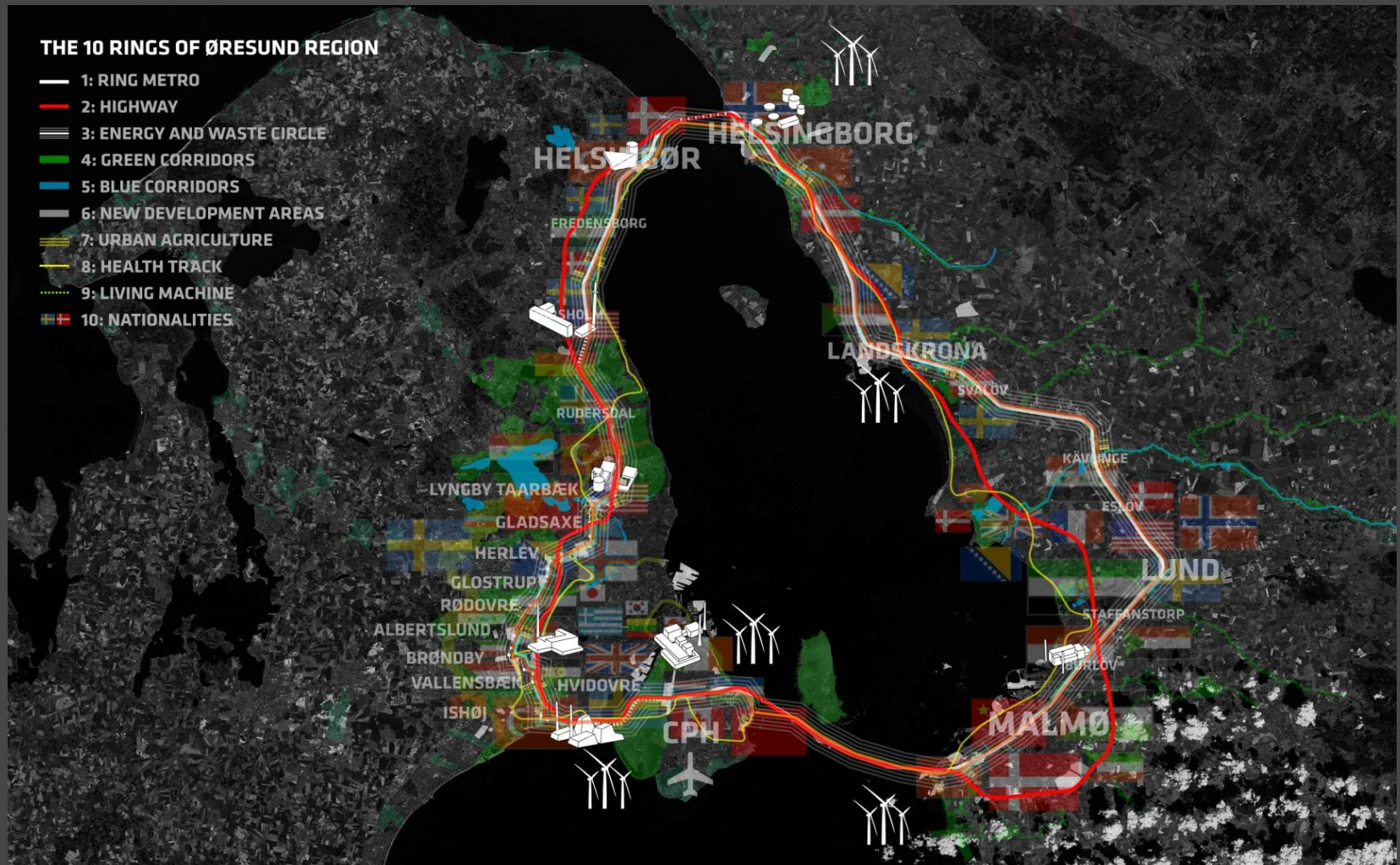
GOVERNANCE & STRATEGIC LEADERSHIP #2

Bordeaux-Euratlatique: public transport/ space-led structure for investment



GOVERNANCE & STRATEGIC LEADERSHIP #2

the Oresund Region: from solitary city to collaborative conurbation



SOCIAL EMPOWERMENT

Lisbon: Participatory Budgeting



since 2008 has committed 5.4% of investment budget (approx. 5m Euros)

Spring: citizen proposals put forward

Spring/summer: technical assessment of proposals, then provisional list published

Summer: public clarification/ challenge period

Autumn: public vote on confirmed shortlist

Winter: decision & public presentations of winning projects

SOCIAL EMPOWERMENT #2

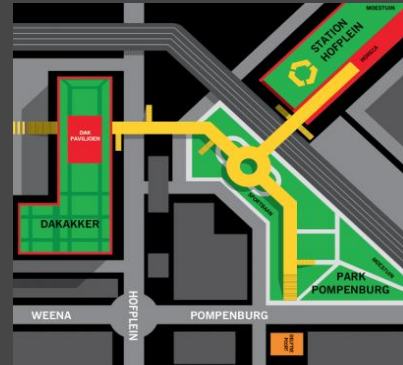
Rotterdam: the Living Laboratory

current AoU European City of the Year



SOCIAL EMPOWERMENT #2

Rotterdam: 'I Make Rotterdam' Luchtsingel pedestrian bridge



I MAKE ROTTERDAM

HOME WAAROM? WAT? HOE? CONTACT english

5th IABR 2012

IMAKE ROTTERDAM

I Make Rotterdam is een project van de 5e Internationale Architectuur Biënnale Rotterdam (IABR) en ZUS. De 5e IABR Making City is een oproep en argument om de architectuur en stedenbouw een meer centrale plaats te geven in het (steden) maken van stad en maatschappij. De 5e IABR Making City opent op 20 april 2012. I Make Rotterdam! loopt t/m 2014. www.labr.nl

240.000€ 160.000€ 80.000€

BOUW DE LUCHTSINGEL

KLIK HIER EN DOE MEE!

LUCHTSINGEL IN 2013

RECENT POSTS

Luchtsingel in 2013

FEESTJE - Best of Test Site

performances

BUY A PLANK
BUILD ALONG!

BUY AN ELEMENT
BUILD ALONG!

BUY A PART
BUILD ALONG!

OVERVIEW
BUILD ALONG!

440.000€ 360.000€ 240.000€ 160.000€ 80.000€

PLANK DEFENSE
€25,-
Plank met uw naam

ELEMENT
€125,-
Element met uw naam

BRIDGE PART
€1250,-
Brugdeel met uw naam

SOCIAL EMPOWERMENT #2

Rotterdam: 'I Make Rotterdam' Luchtsingel





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