

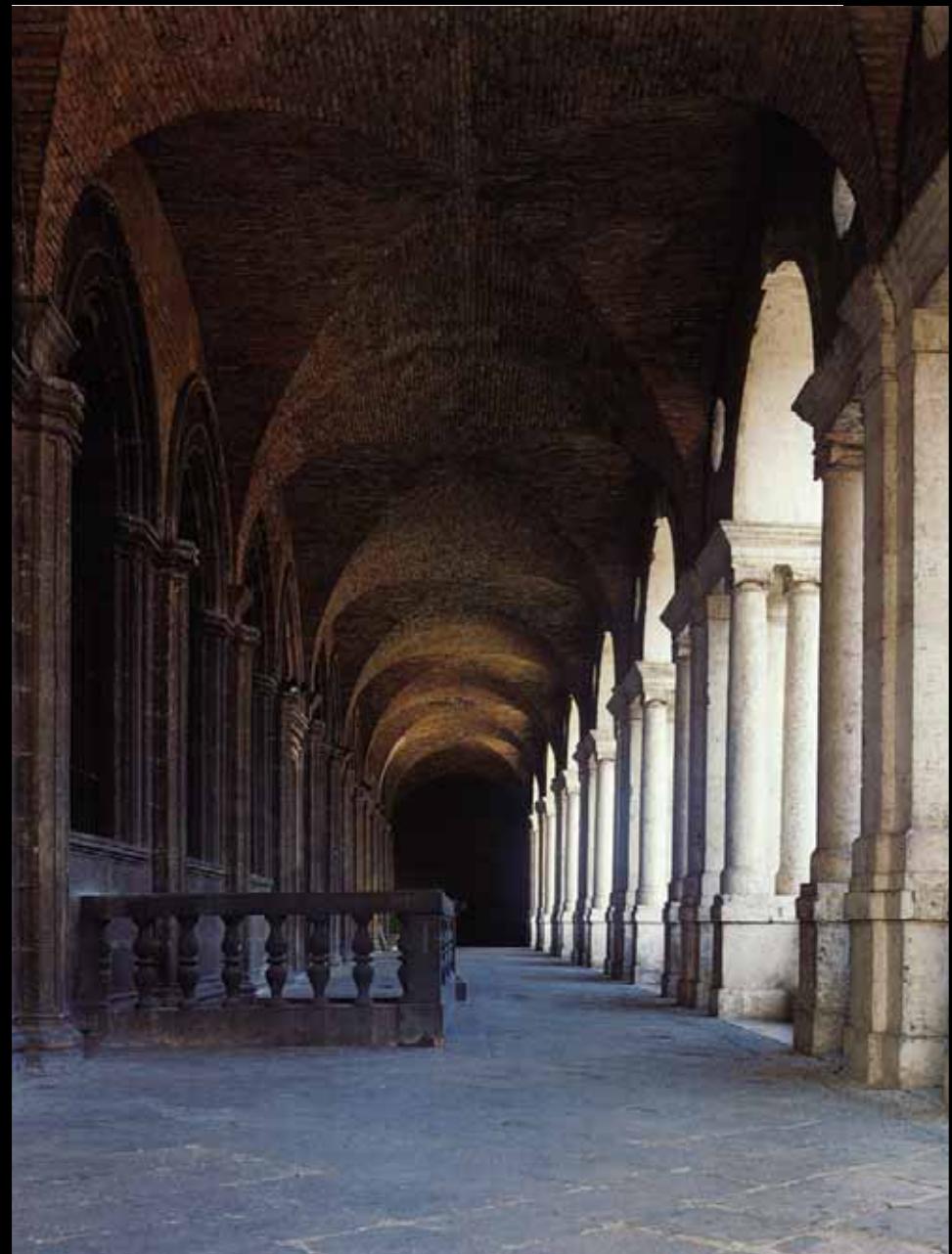
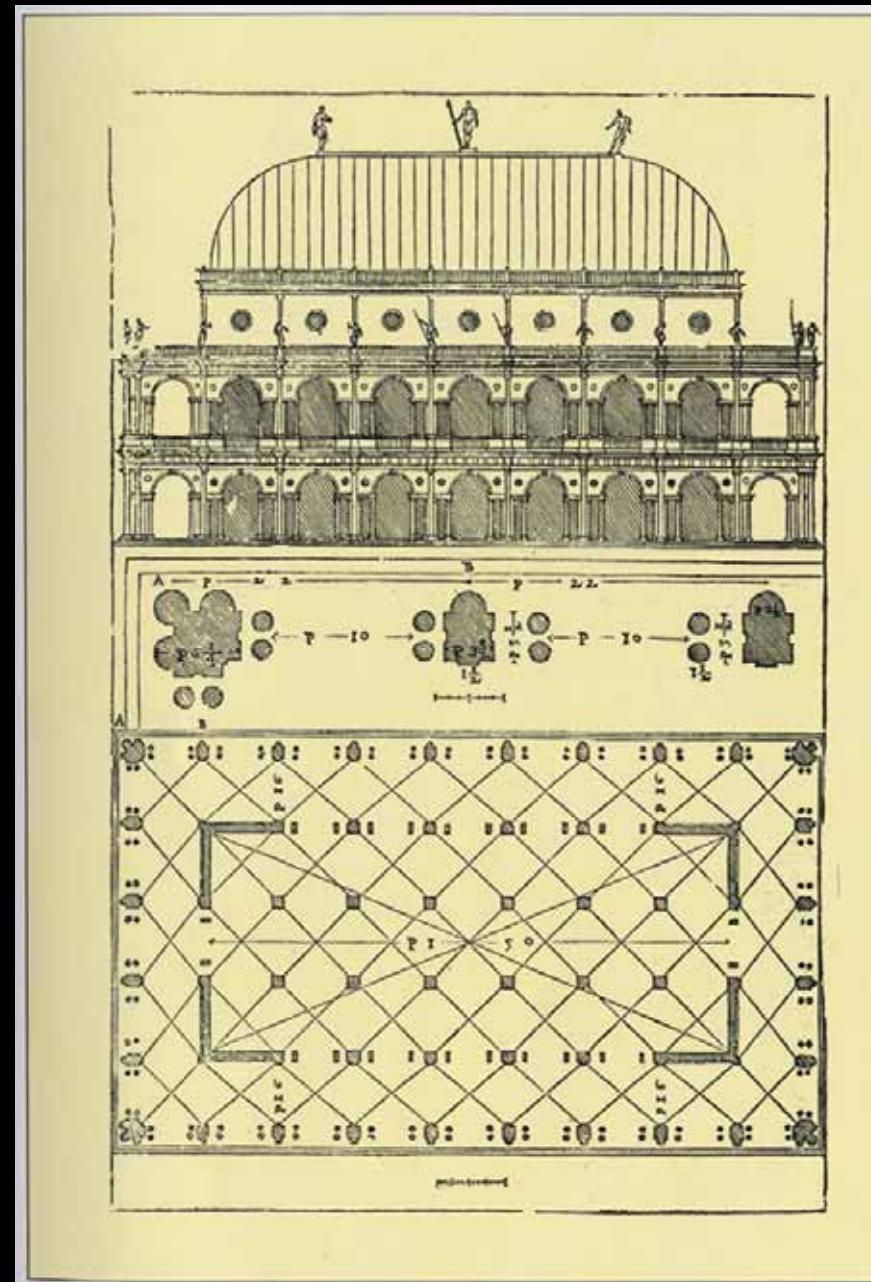
NEW TERTIARY CITY

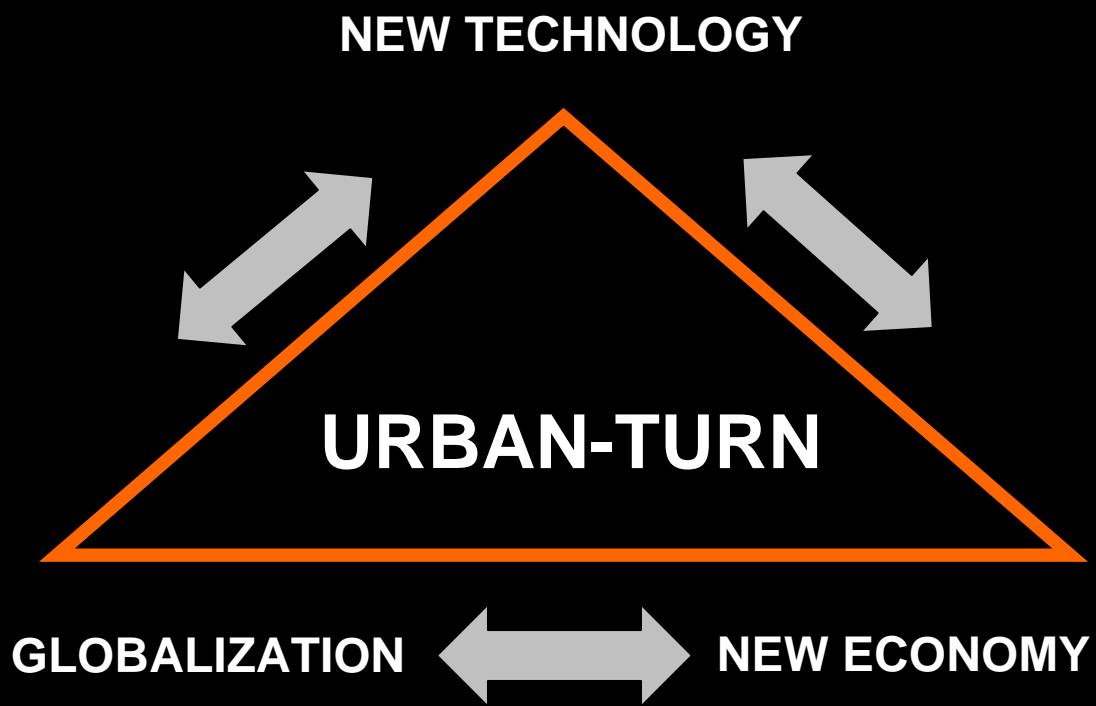
BARCELONA CASE STUDY

Genève 26 may 2005

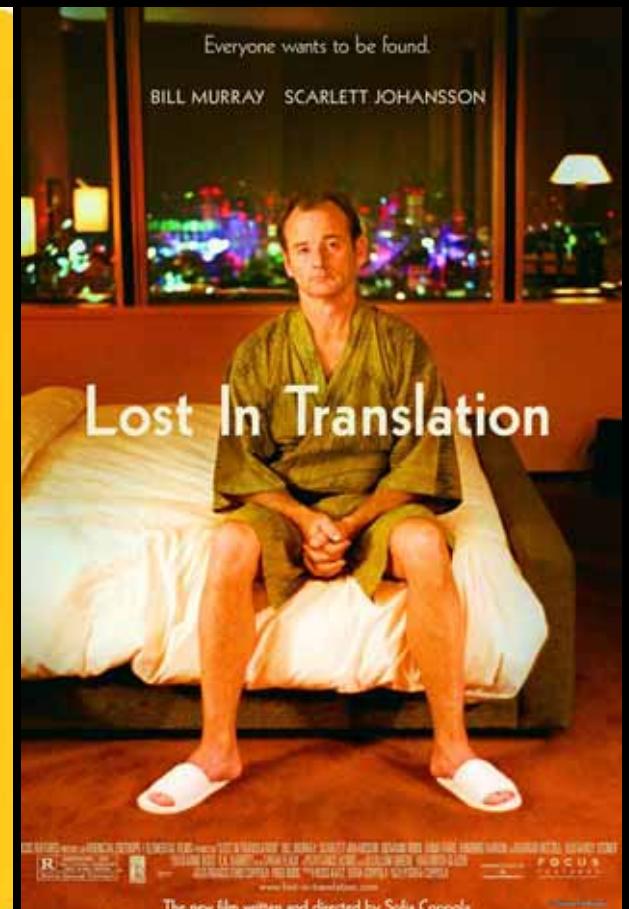
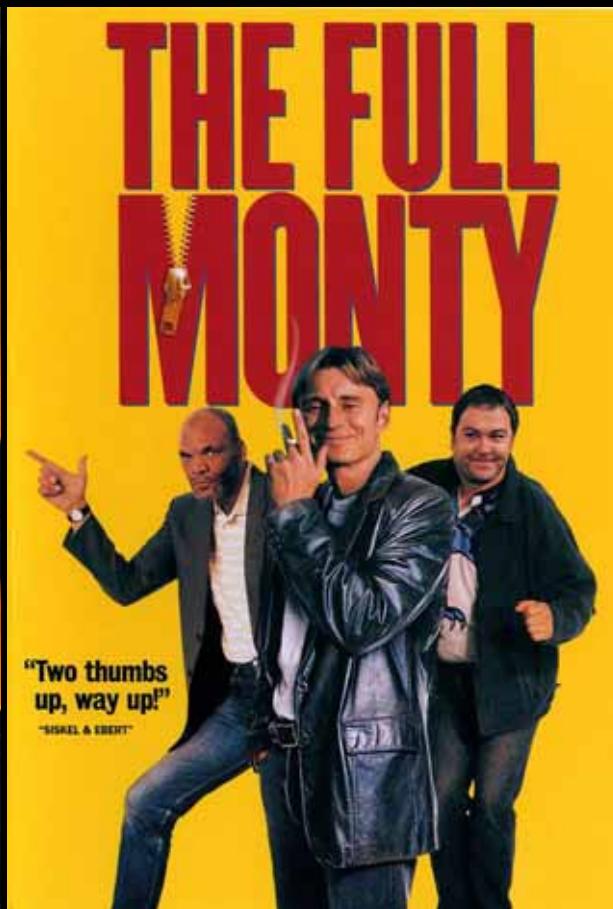


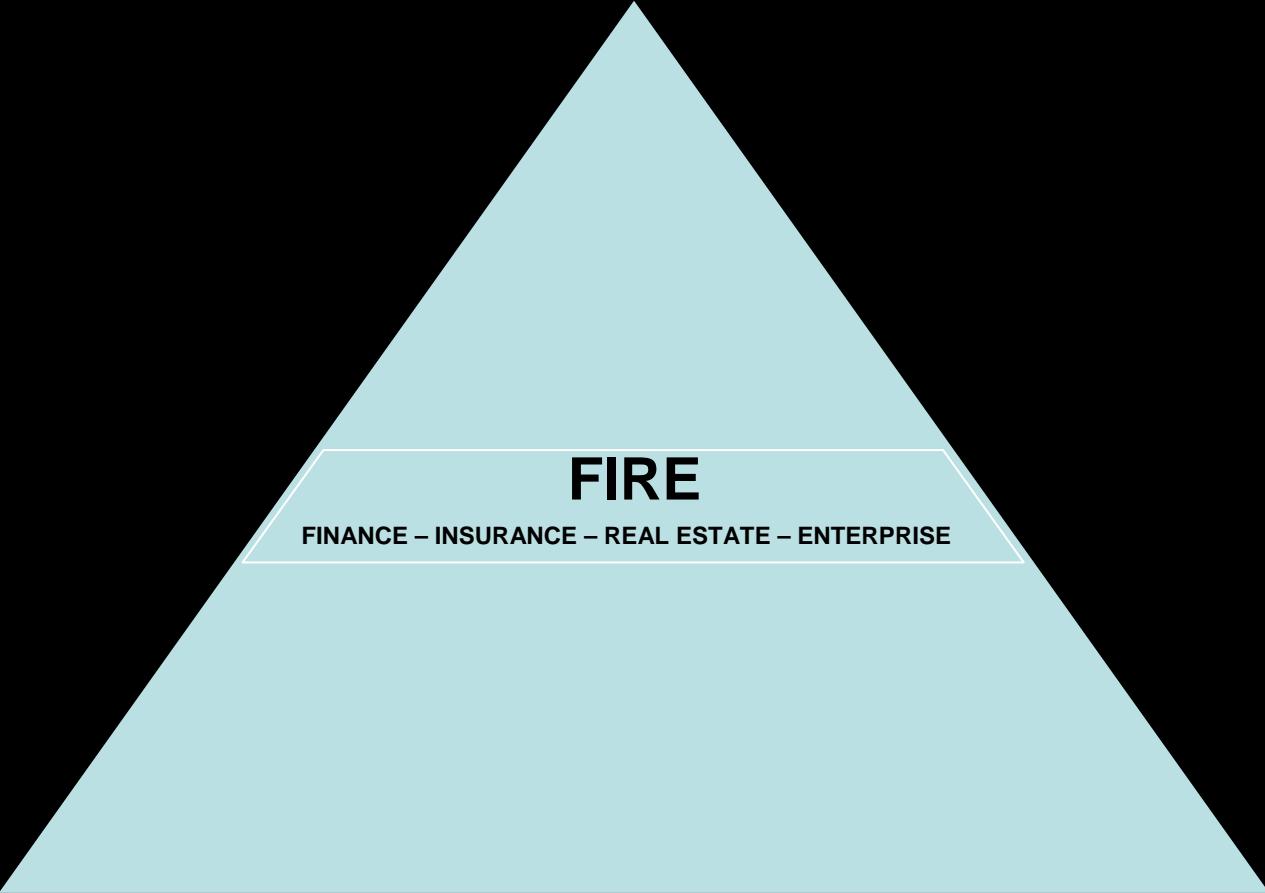
Josep A. Acebillo





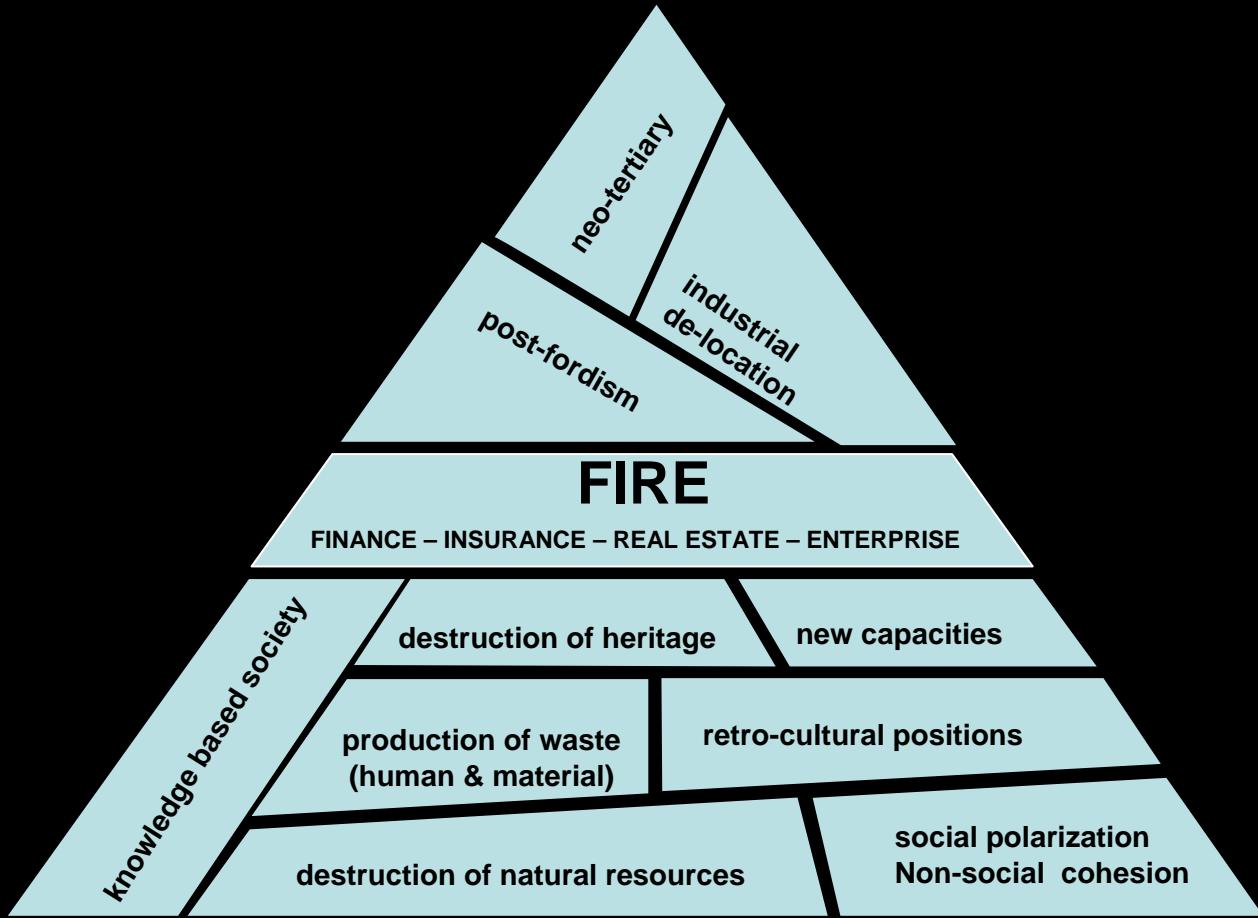


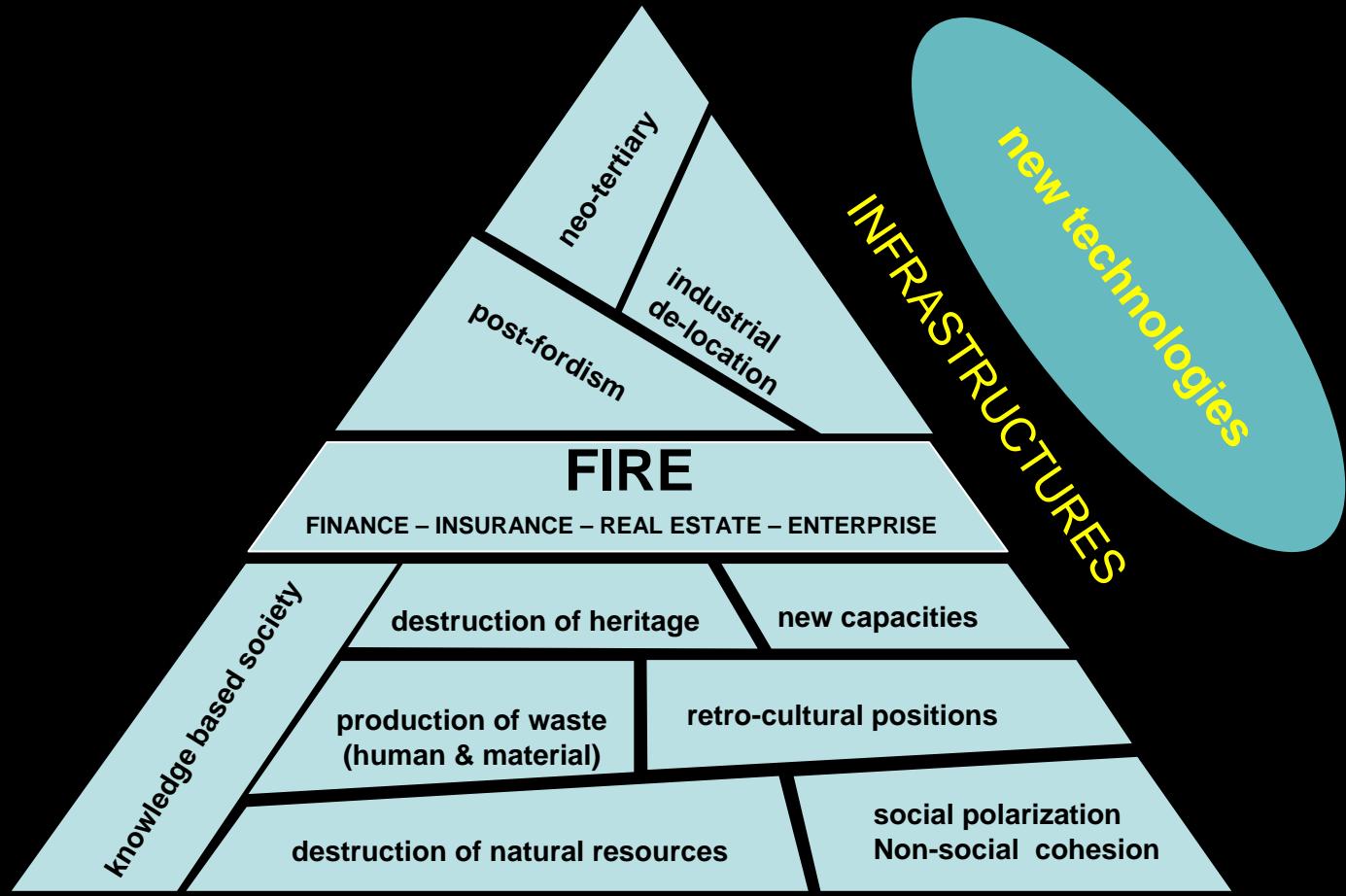




FIRE

FINANCE – INSURANCE – REAL ESTATE – ENTERPRISE

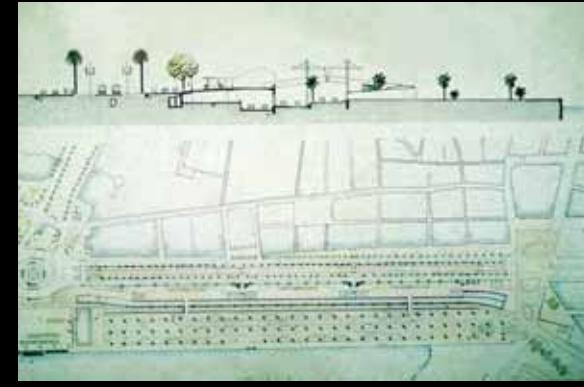


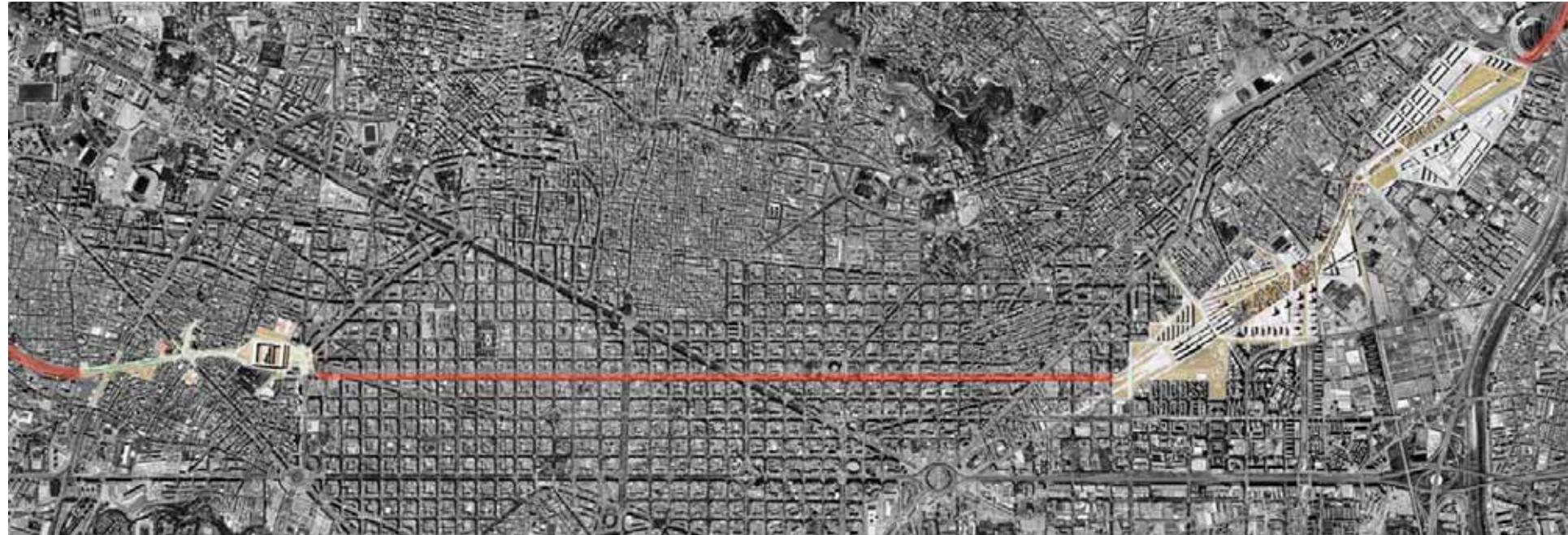






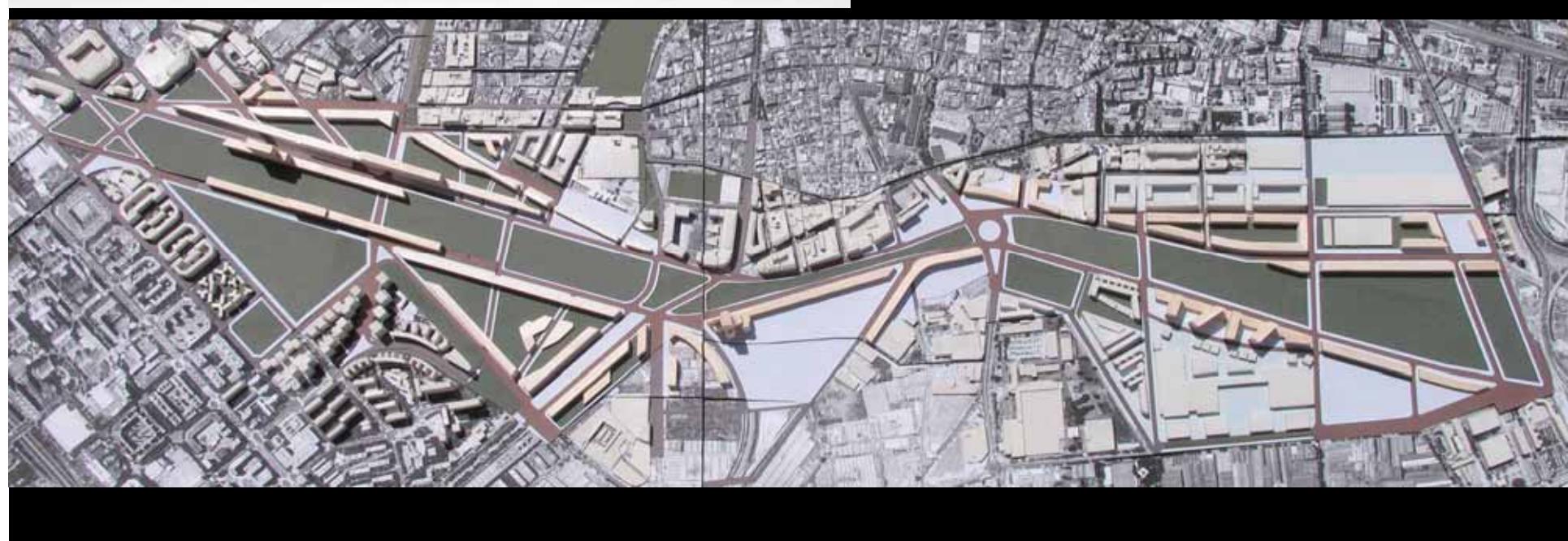
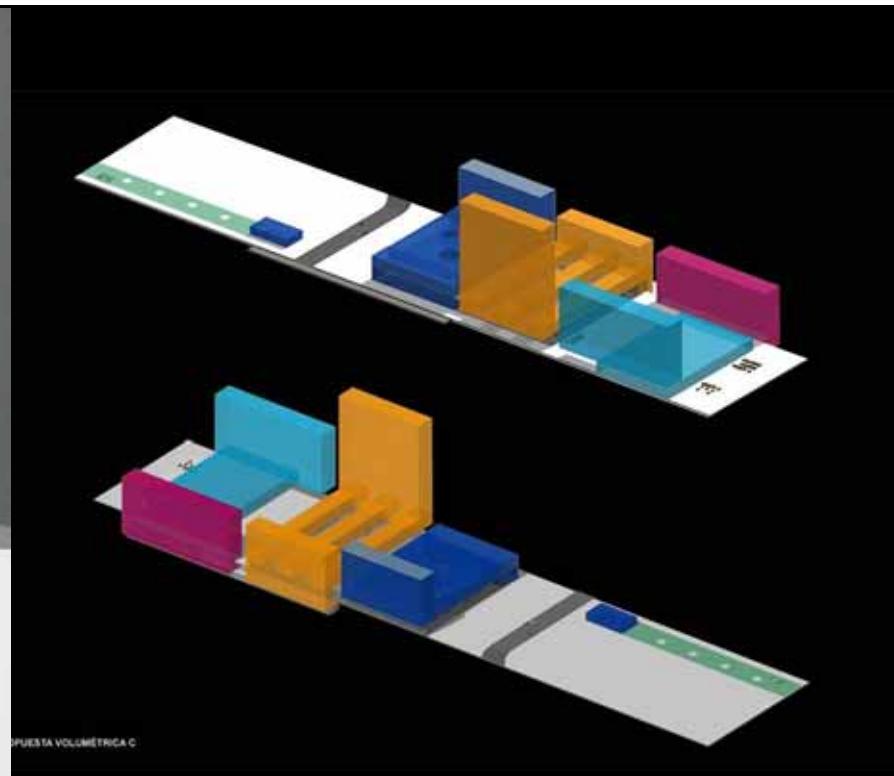
Infrastructure. Filling the gaps between the system and architecture



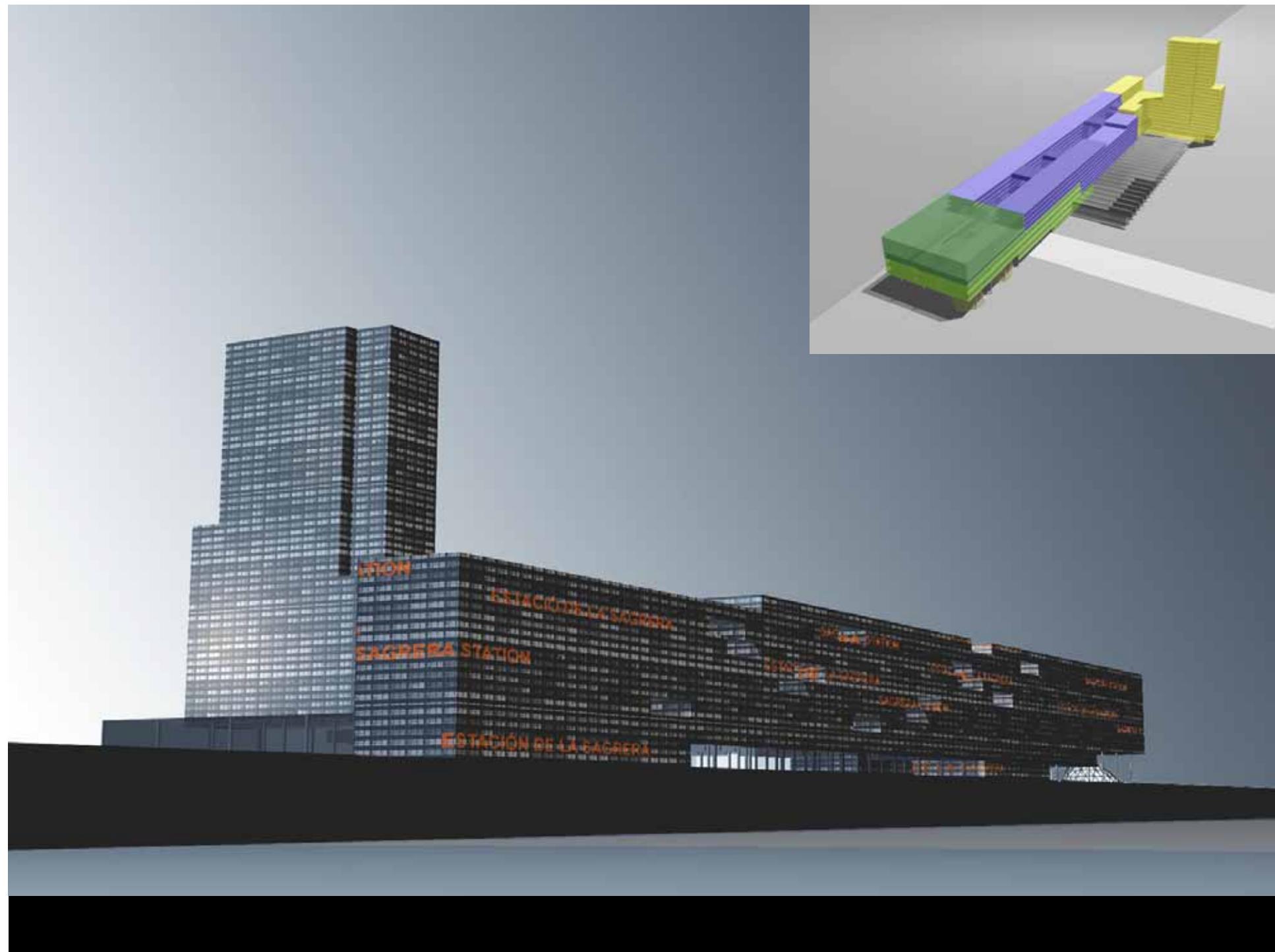


Intermodality: facilitating transfers, sustainable mobility, advanced logistics.

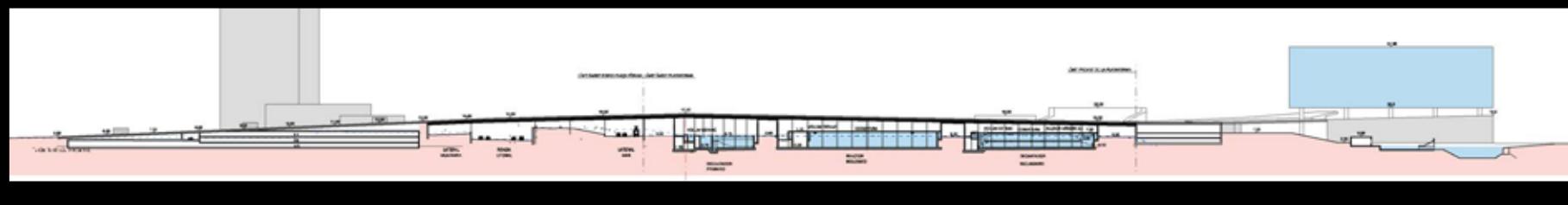
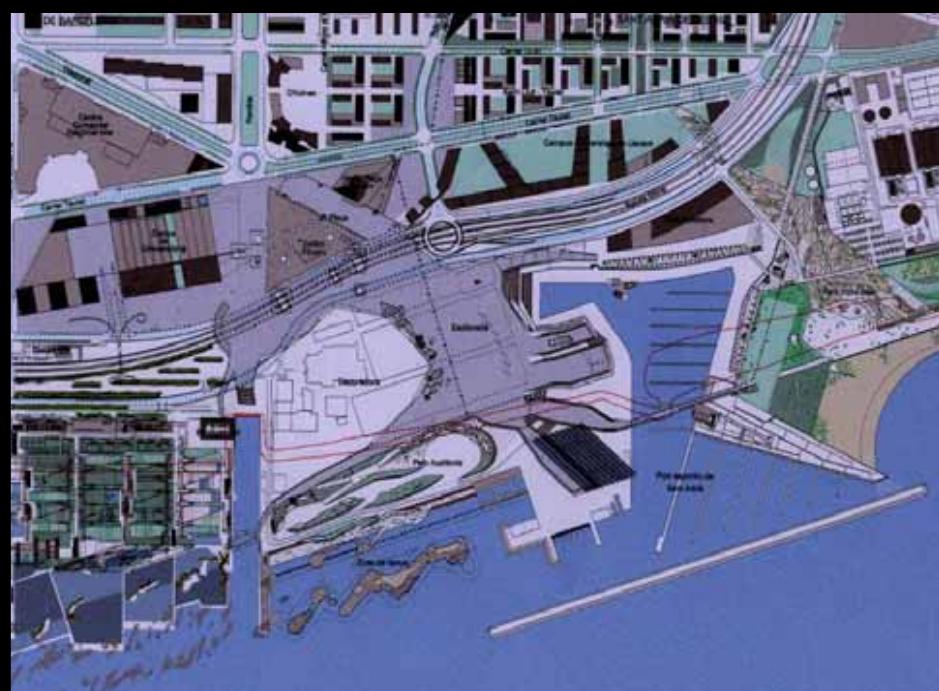
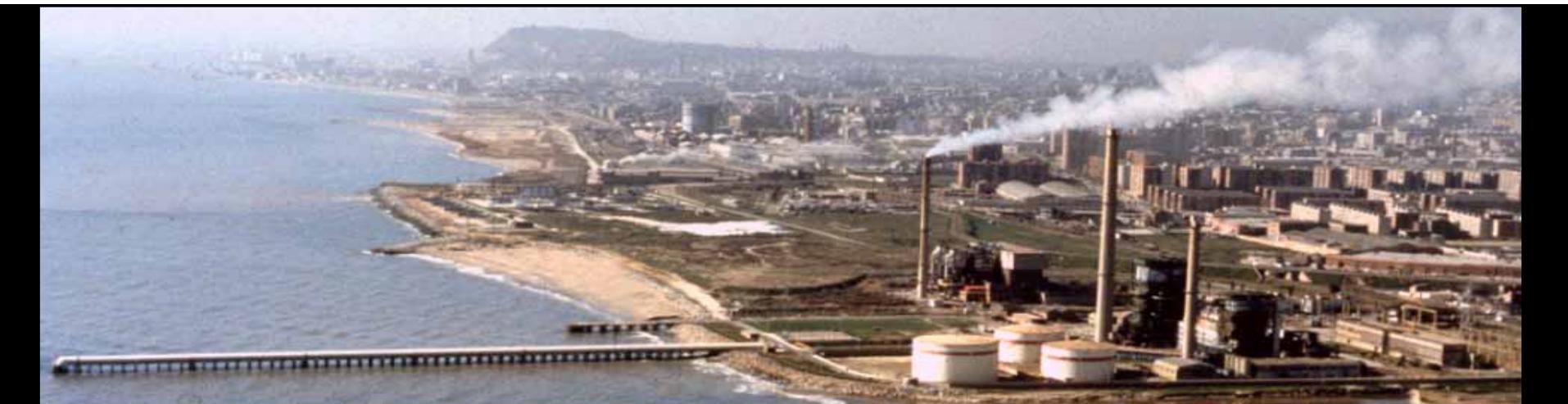


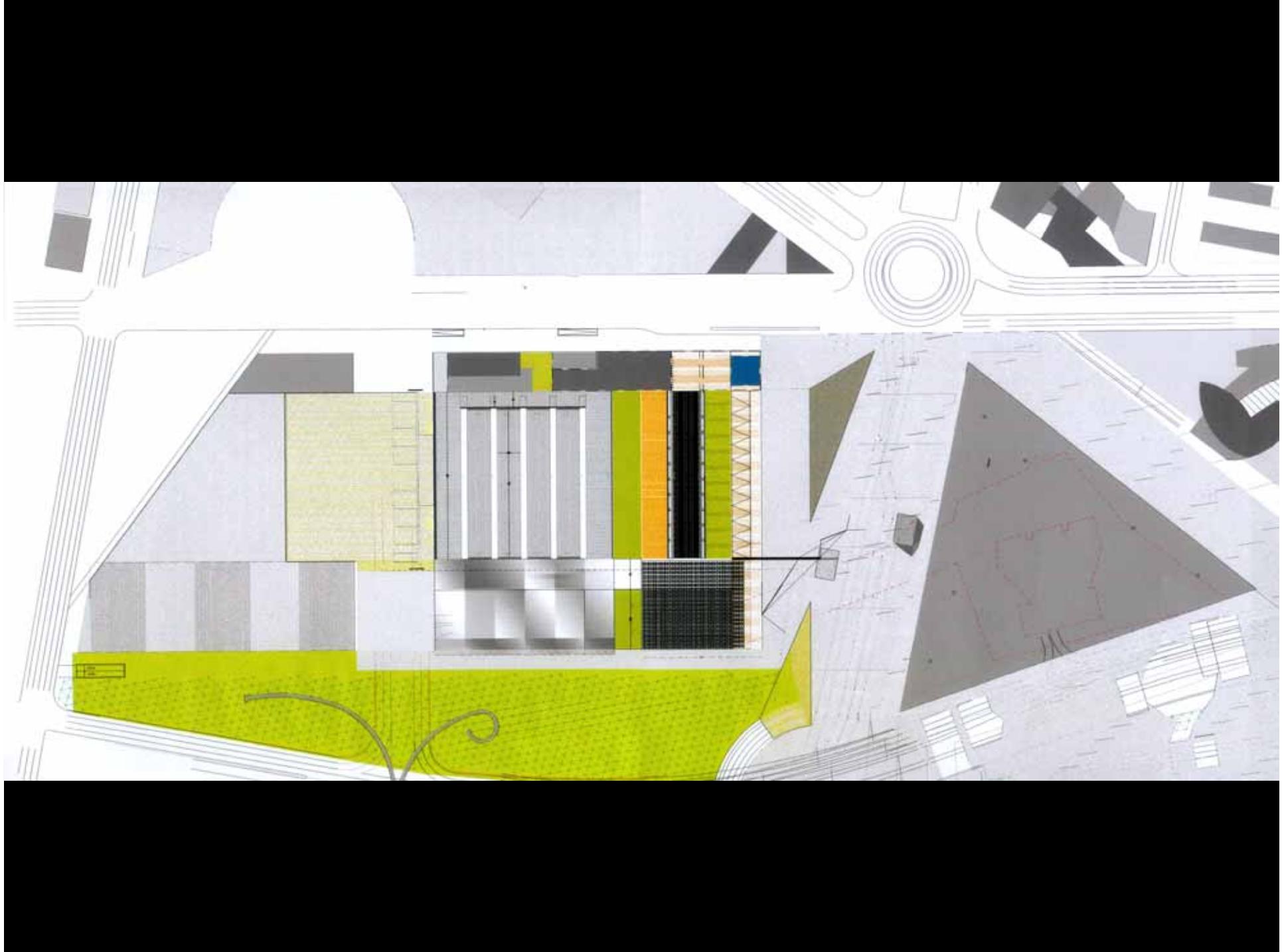


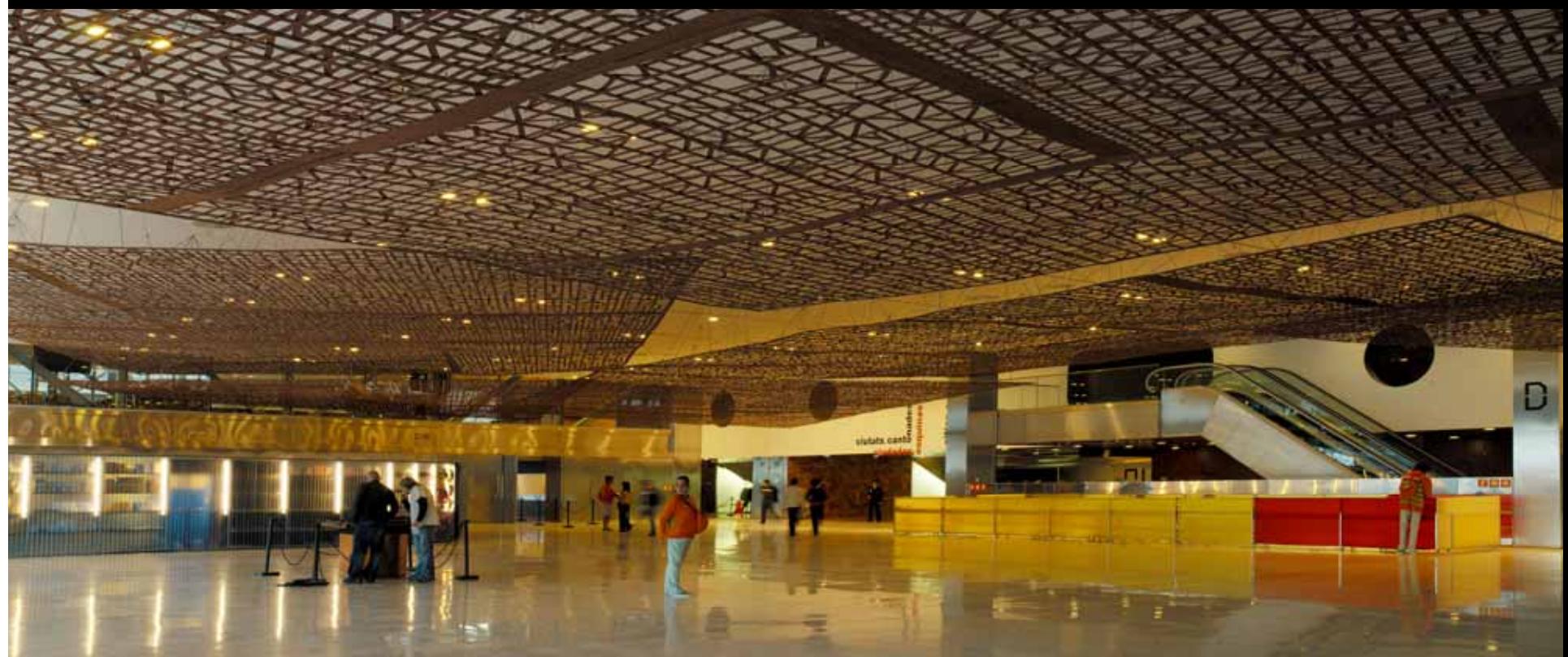




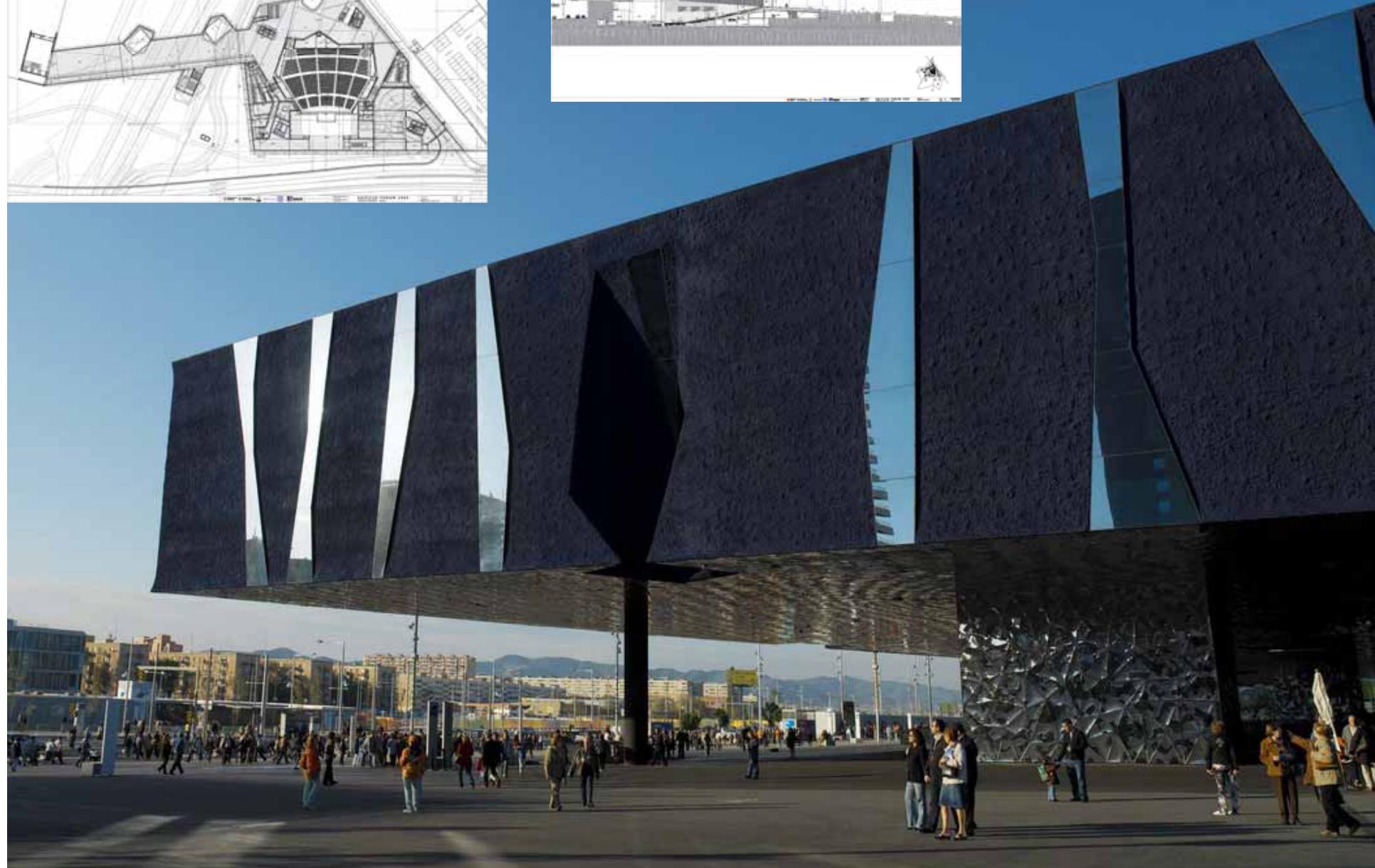
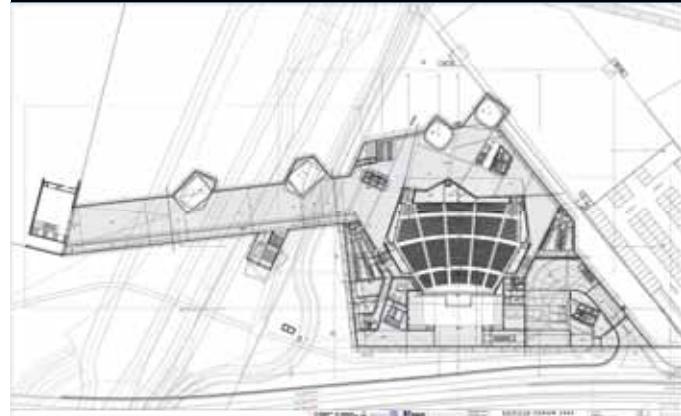








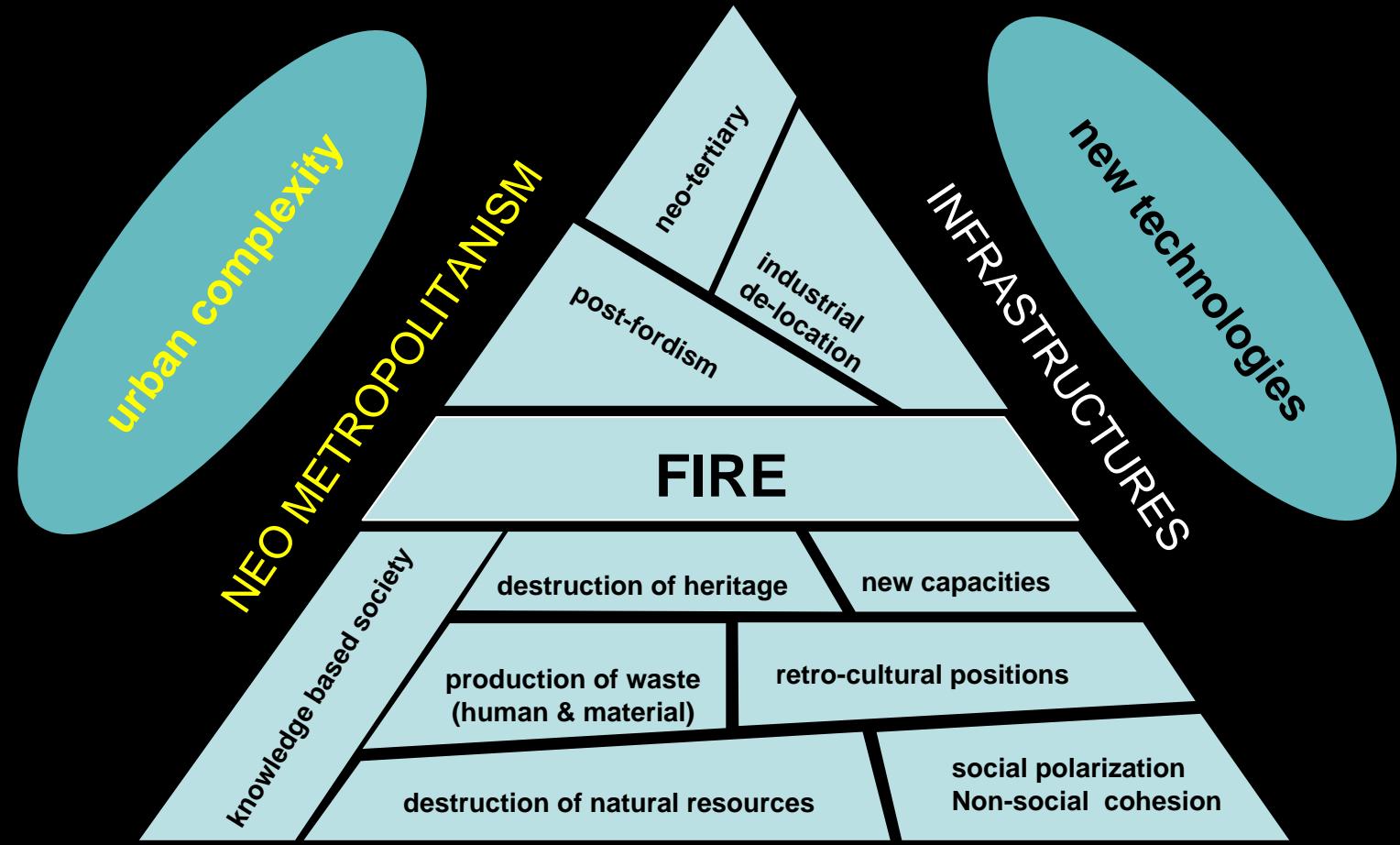
Buildings become icebergs.





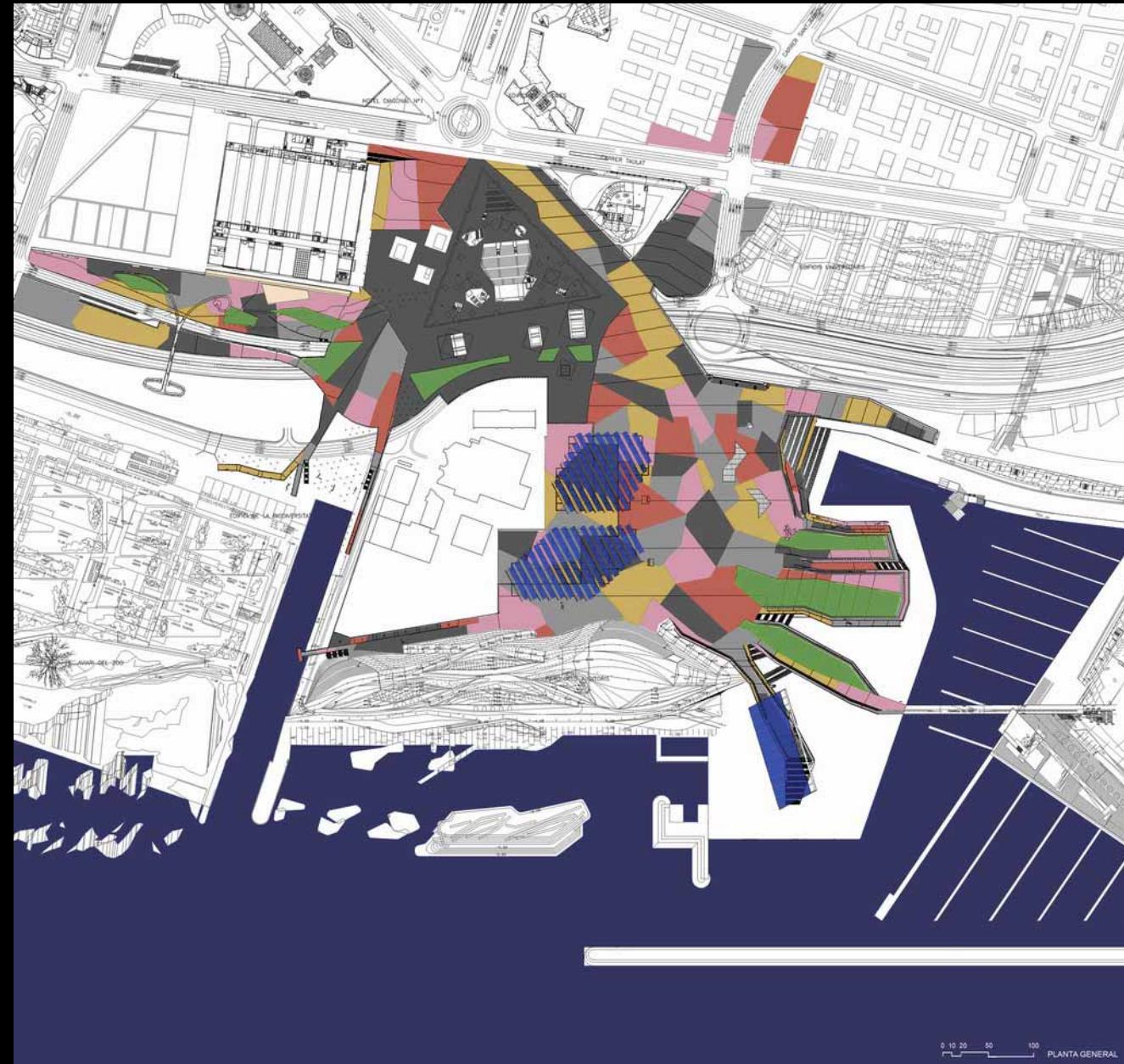
Photovoltaic screen



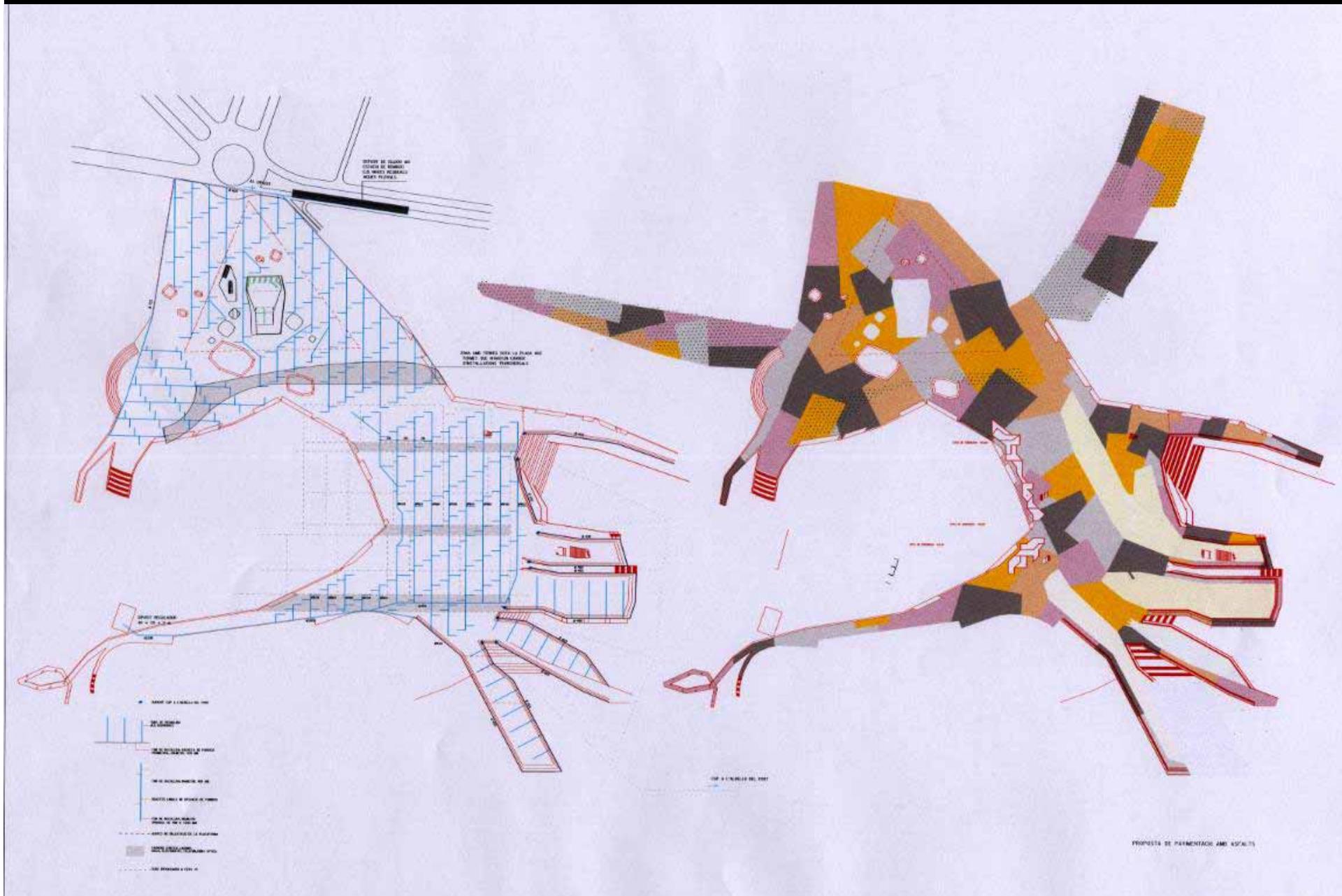


URBAN COMPLEXITY

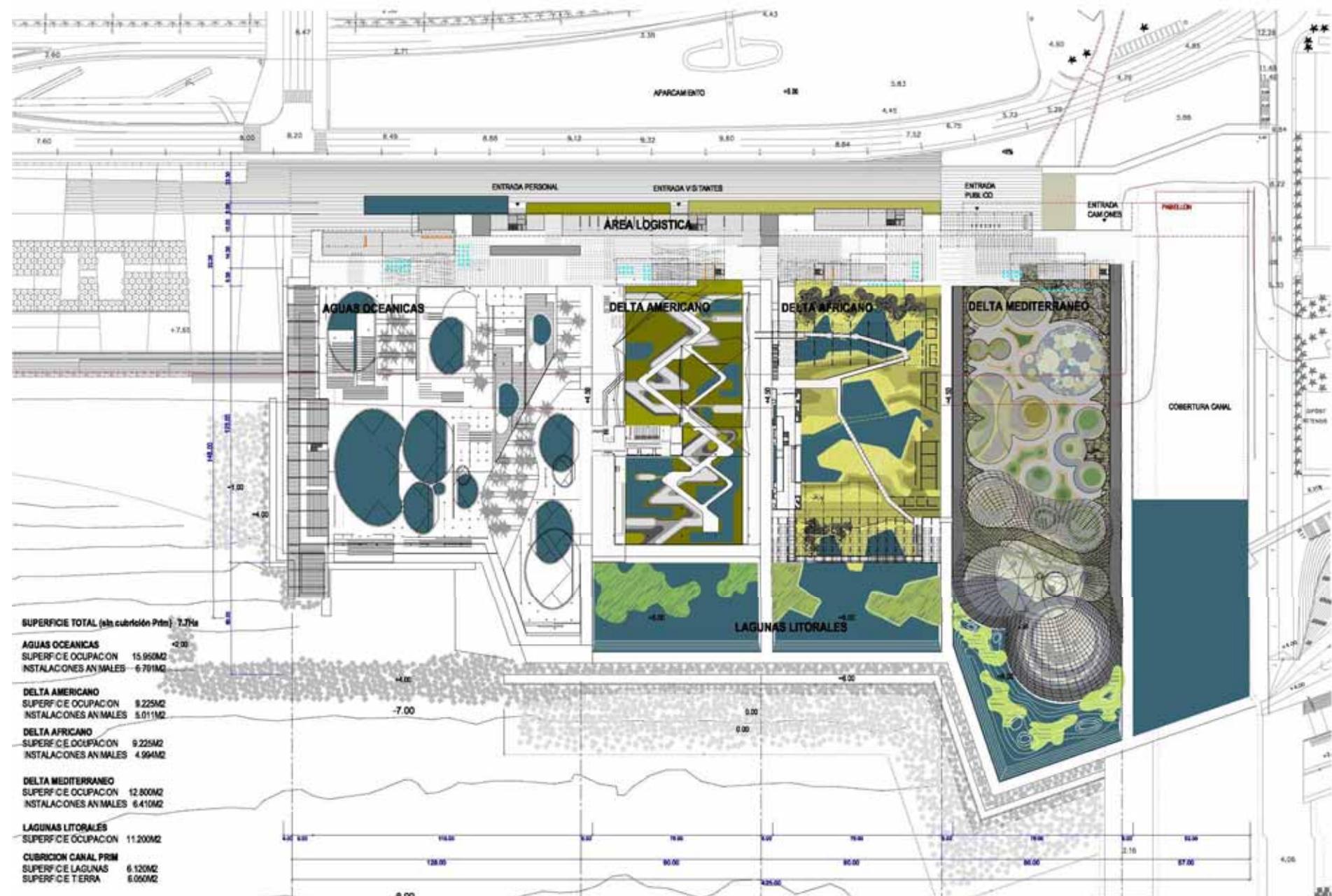
- ISOTROPISM
- INTERSTITIALITY
 - ICEBERGS
- FRAGMENTATION
- RECYCLING
- INTERMODALITY
- INTERACTIVITY



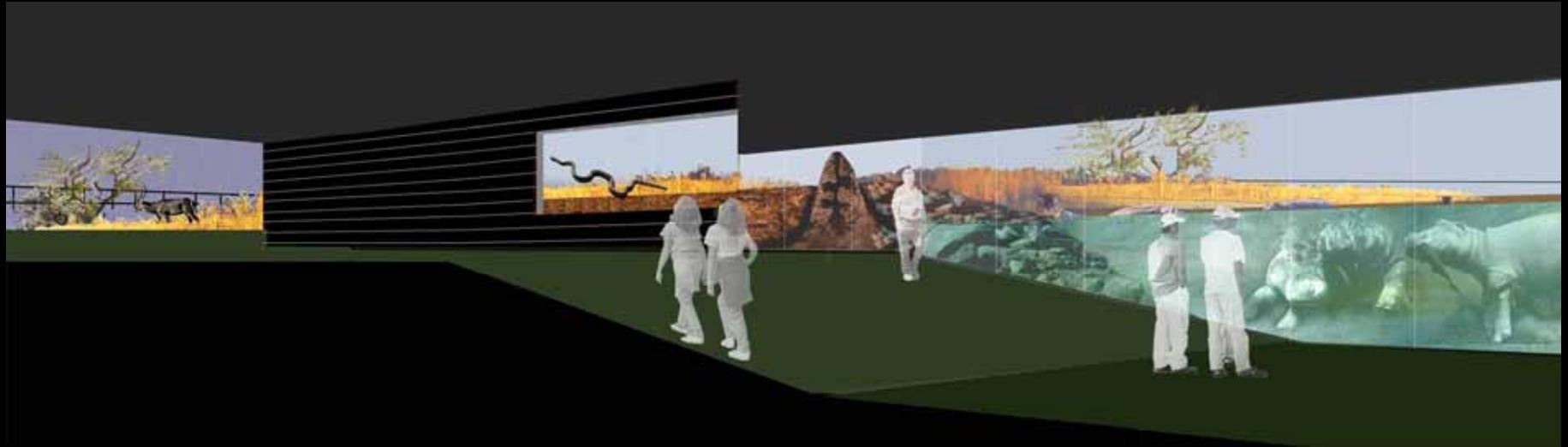
Interstitiality. Itineraries. Softening rigid grids. Introducing random elements

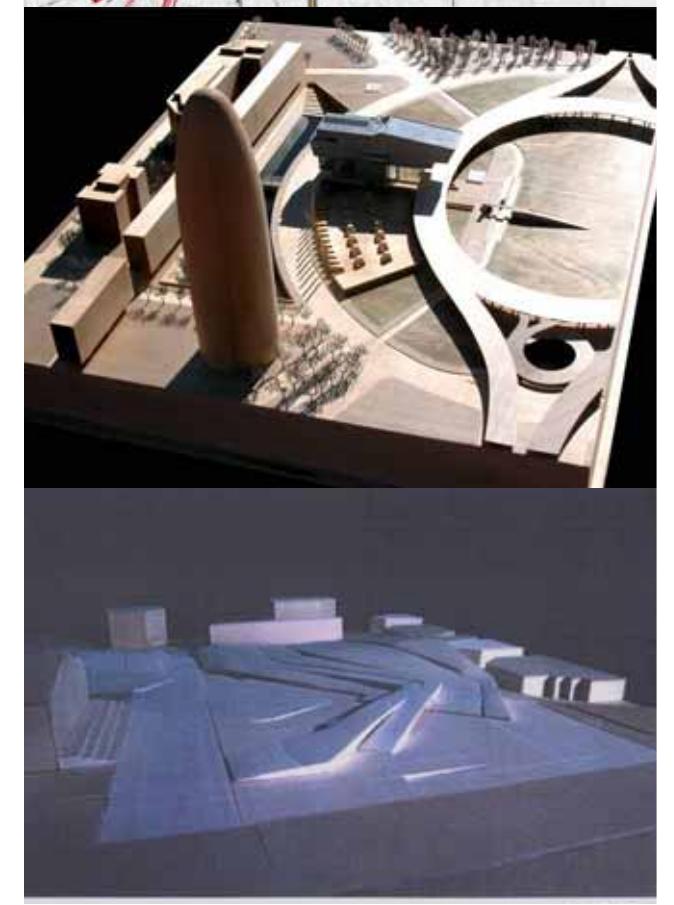


Fragementation

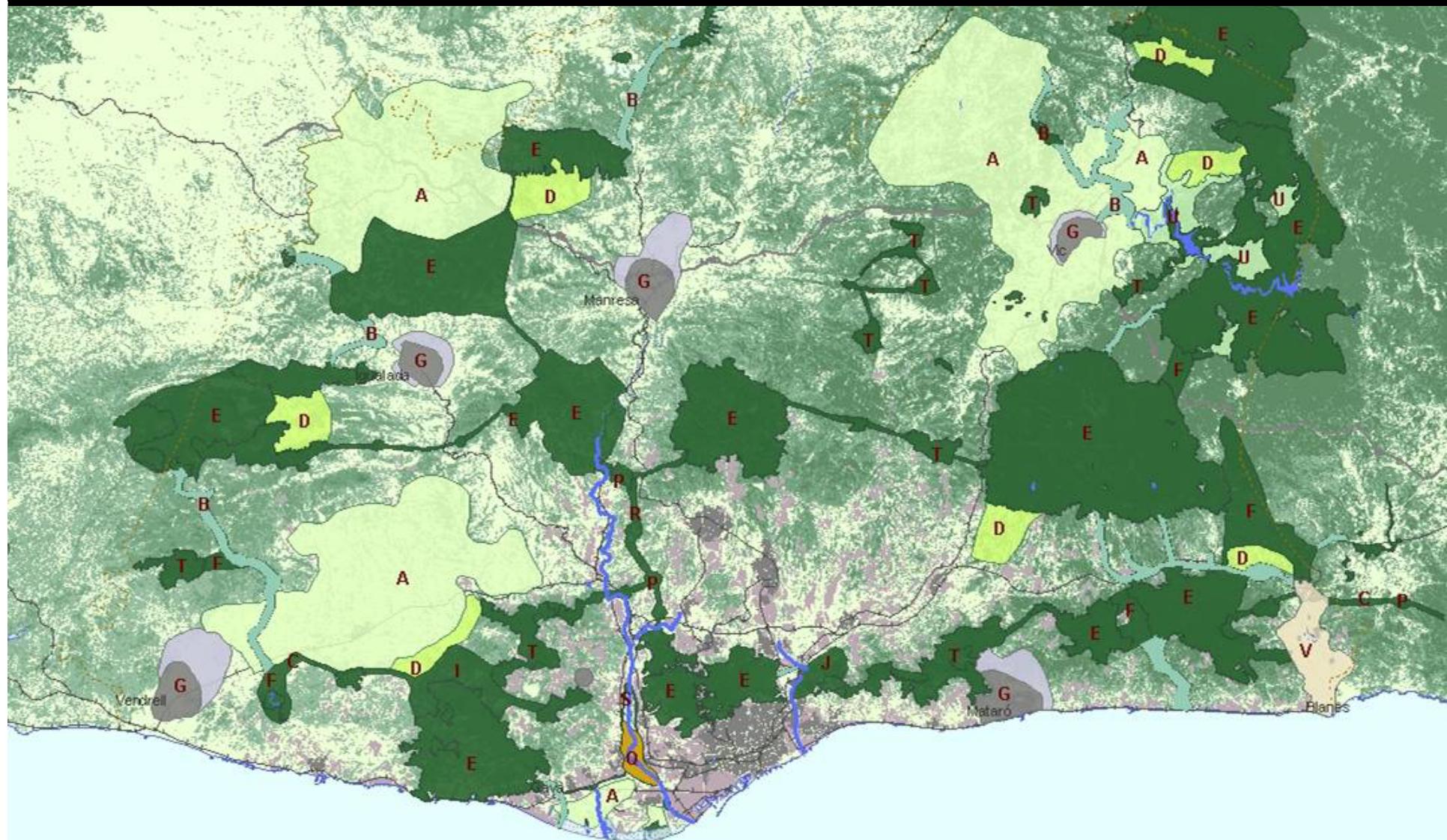


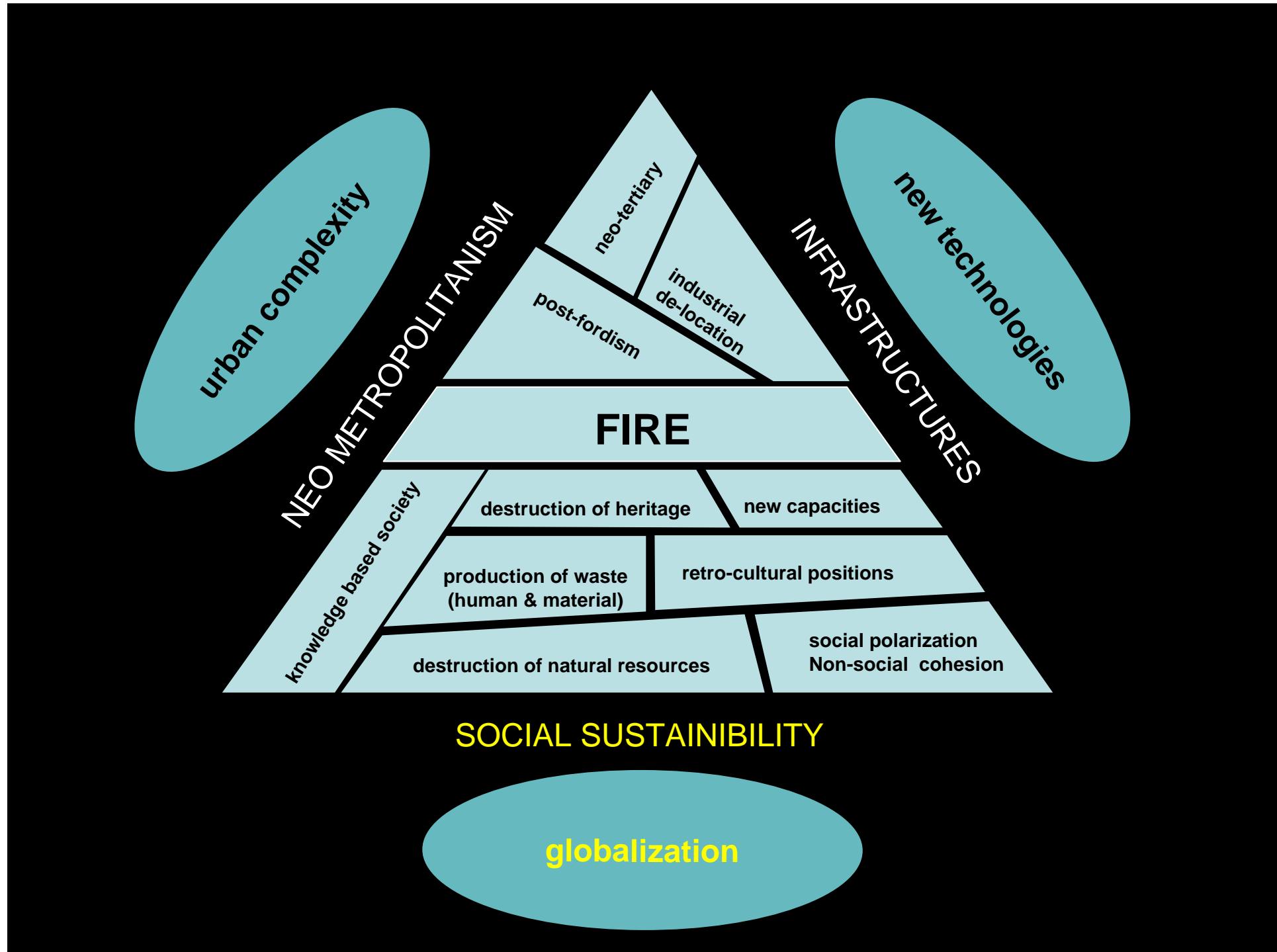
Interactivity.





Land mosaic. Patch – Corridor – Matrix. (Richard Forman)









**Recycling and re-use.
Innovative capacity, not just a defensive project.**

22@. THE NEW TECHNOLOGICAL DISTRICT

AREA: 200 He. 115 Blocks. 1.160.000 m² surface 22@

POTENTIAL TOTAL BUILT-SPACE: 4.000.000 m² (APROX.)

economic activity: 3.200.000 m² (aprox.)

other uses (facilities, housing...) 800.000 m² (aprox.)

HOUSING: 4.614 existing units

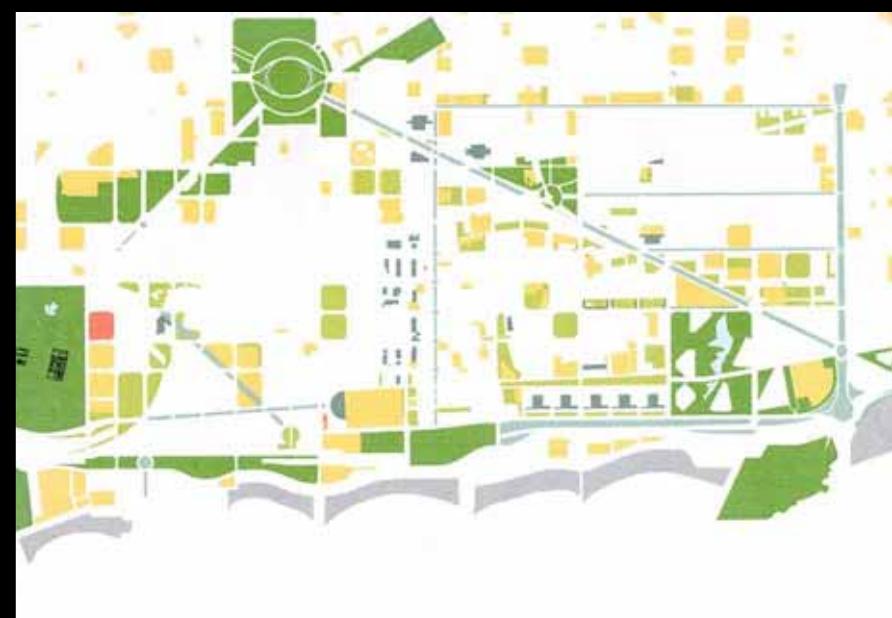
3.500 / 4.000 new units

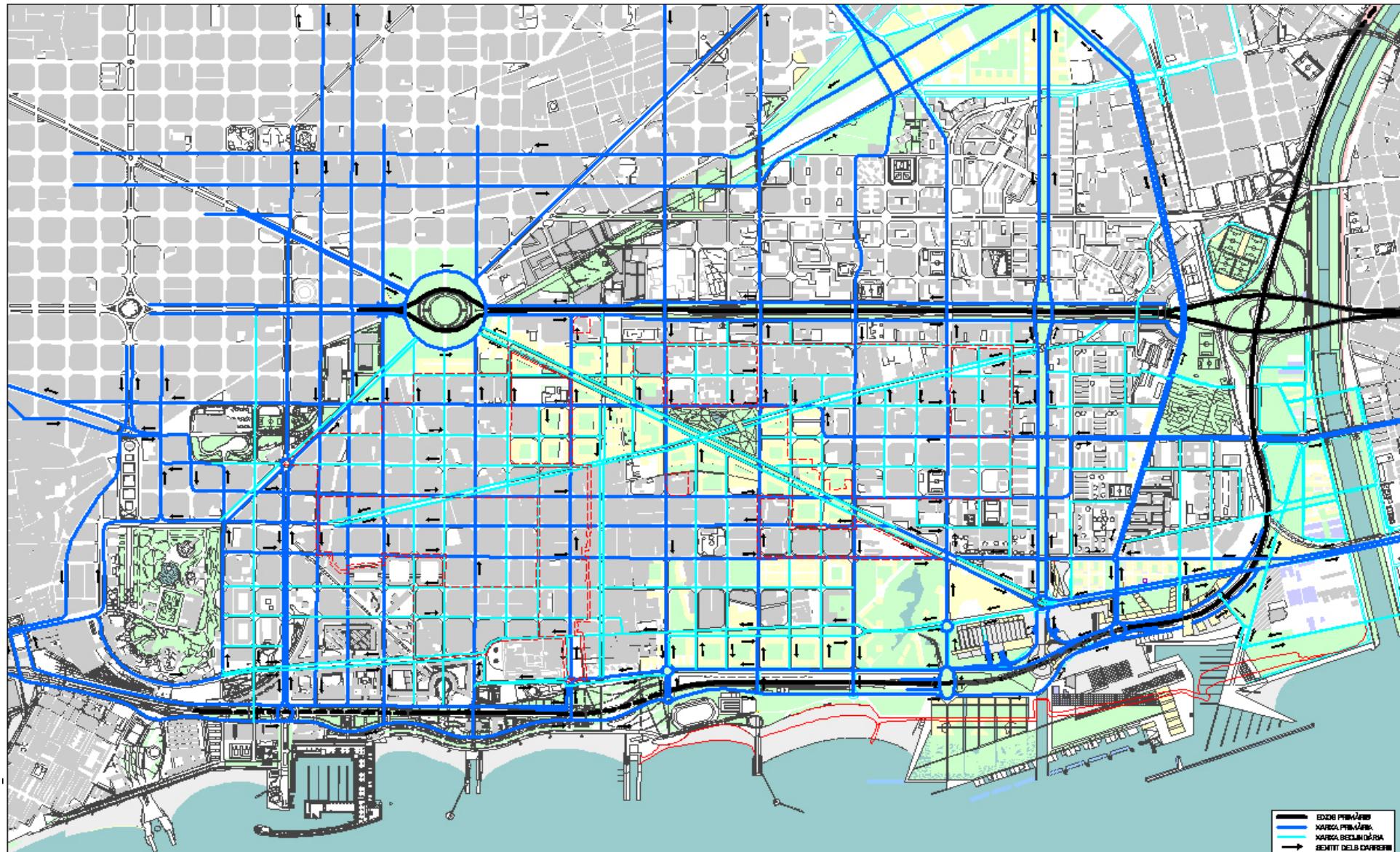
FORECAST NEW EMPLOYMENTS: 100.000 – 130.000 (aprox.)

INVESTMENT IN INFRASTRUCTURES PLAN: 162 Millions €

POTENTIAL REAL ESTATE: 12.020 Millions €

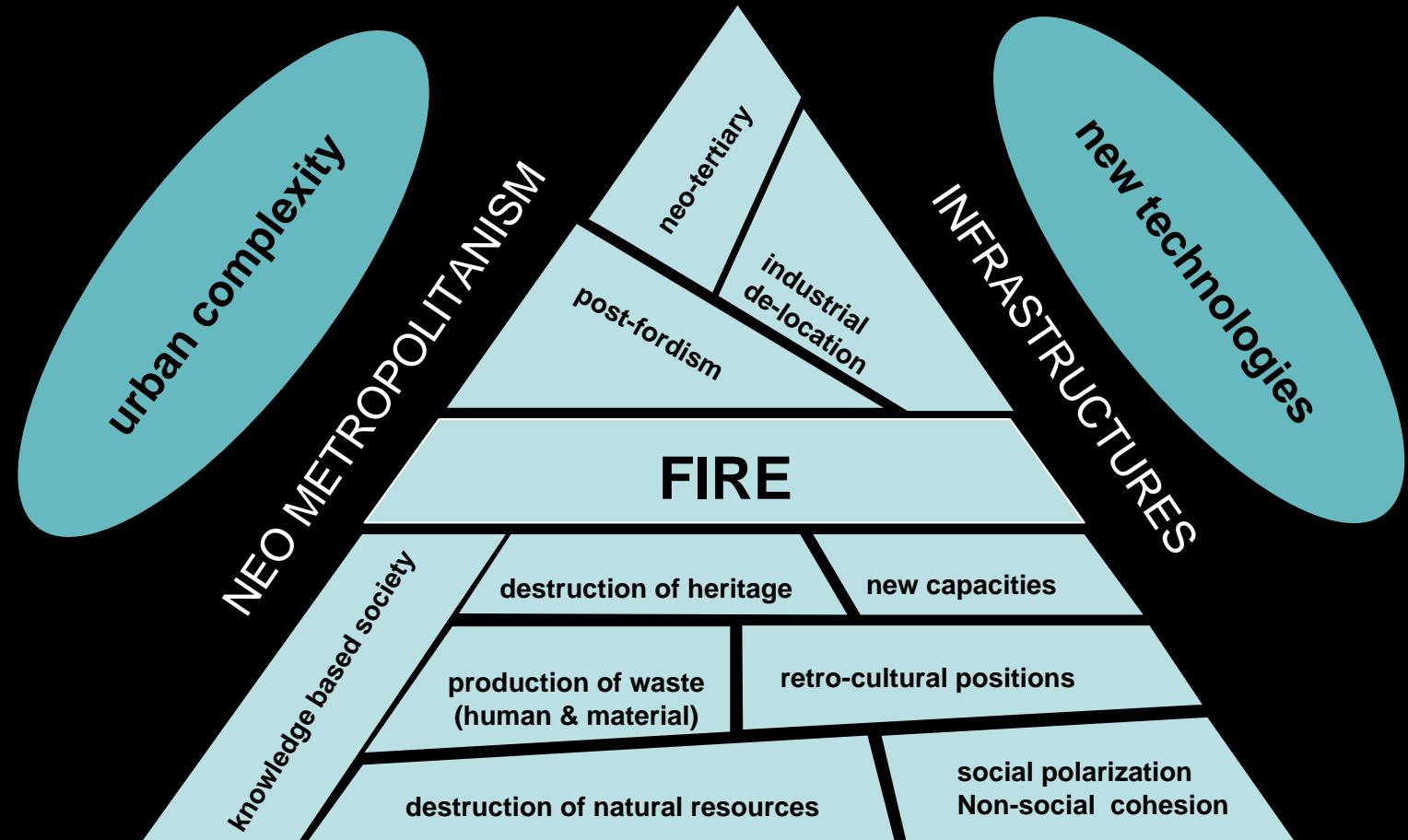
Built-space for economic activities occupied: 235.234 m². (2004)





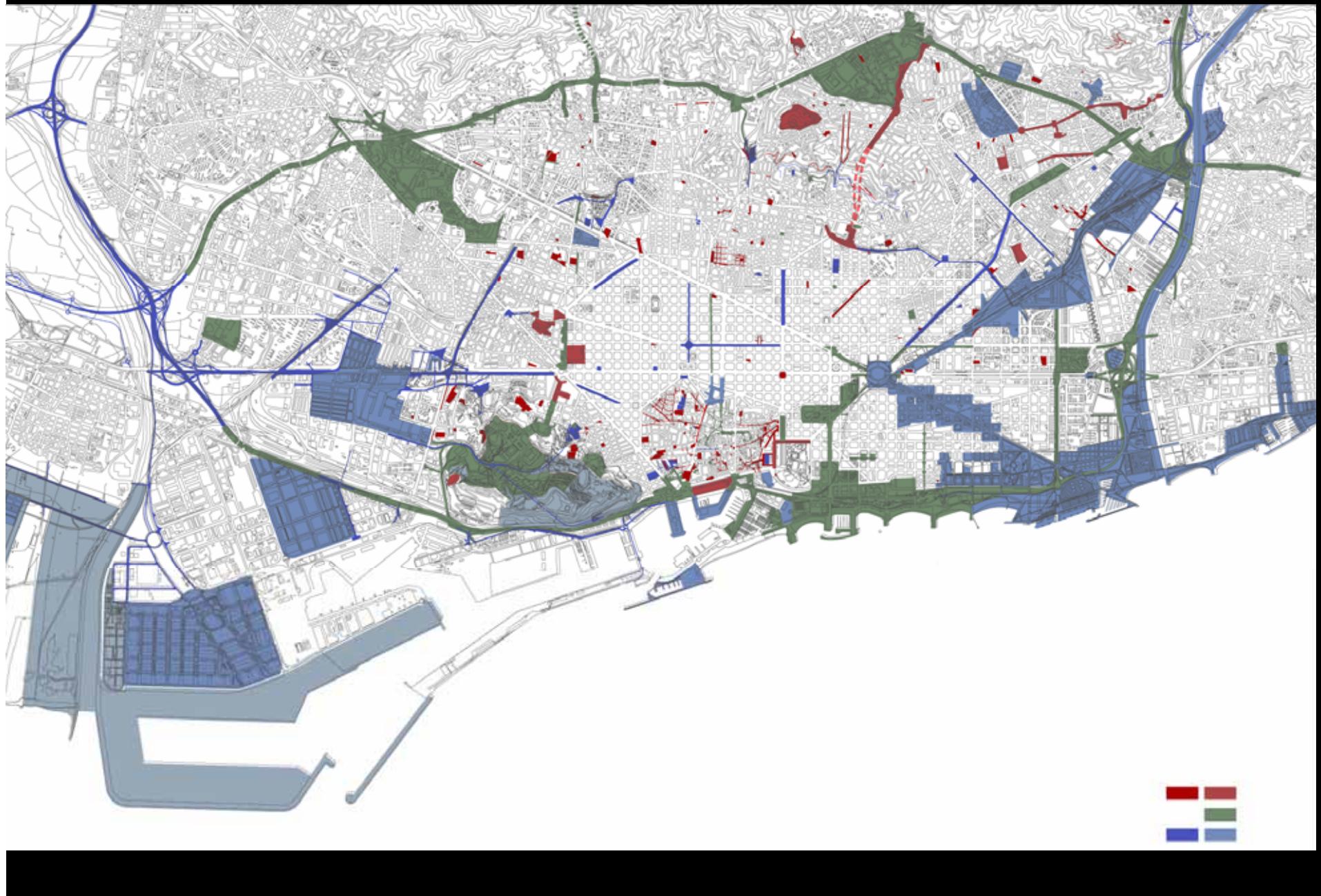
EXITS PRINCIPALS
ENTRYS PRINCIPALS
ENTRYS SECUNDARIES
SENIT DELS CARRERS

NEW QUALIFIED URBAN SPACES

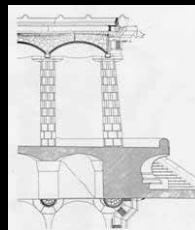


IDENTITY
NEW CITIZENSHIP

NEW QUALIFIED URBAN SPACES – different scales of intervention



IDENTITY AND NEW SOCIAL SPACE



Urban acupuncture. Great changes in the general urban system can also be carried out through small scale changes.



BARCELONA

EVOLUTION OF THE CITY 1992-2004

(*) PERCENTAGE POINTS	°			
	1992	2004	2004/1992	Notes
Foreign populations (% about total population)	1.8	12.8	11*	1996-2004
GDP growth (constant prices)			38%	
Total of workers (registered in the SS)	835'056	986'575	18.1%	
Unemployment rate (% about active population)	9.6	6.2	-3,4*	
Port:				
- Goods (Thousand tons)	18'337.9	36'396.0	98.5%	Fins novembre 2004
- Passengers in cruises	132'807	994'395	648.8%	"
Airport				
- Goods (Thousand tons)	72.4	82.1	13.4%	
- Passengers	10'320.0	24'557.6	138.0%	
domestic	6'123.0	11'853.5	93.6%	
international	3'913.0	11'469.2	193.1%	

BARCELONA

EVOLUTION OF THE CITY 1992-2004

(*) PERCENTAGE POINTS	°			
	1992	2004	2004/1992	Notes
Hotel overnights stays	4'333.4	10'148.2	134.2%	
Congresses and conventions	310	1'380	345.2%	
FAIR: exhibitions	31	52	67.7%	Fins 2003
Visitors Museums	3'126	8'055	157.7%	Fins 2003
Scenic arts (spectators)	1'102	1'718	55.9%	
Libraries (readers)	6'937	12'968	86.9%	1996-2003
CO₂ level (mg/m³)	1.4	0.6	-57.1%	1994-2004
Urban Parks (ha)	504.3	550.8	9.2%	
Entry in the city (vehicles-working day)	1'025'450	1'130'507	10.2%	
Public transport (thousand of passengers)	603.8	865.8	43.4%	1994-2004

John Ruskin (1818-1900). *The seven Lamps of Architecture*. London, 1849.



Architecture should also grow an occasional hump.... for
UTILITAS, FIRMITAS, VENUSTAS