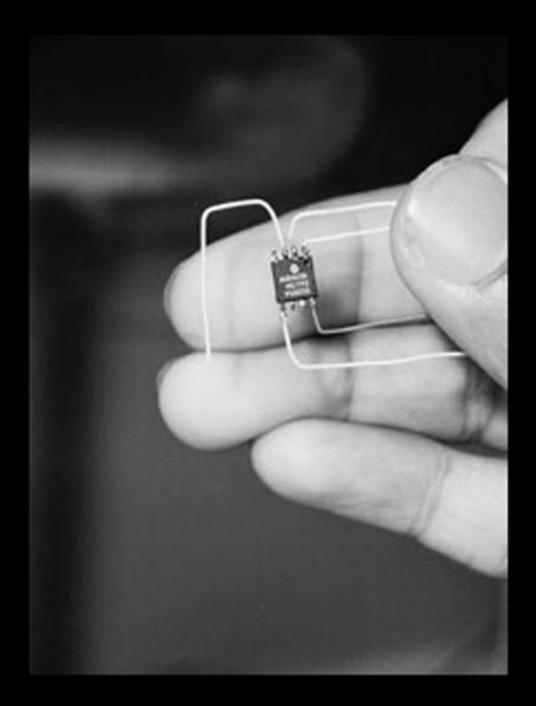




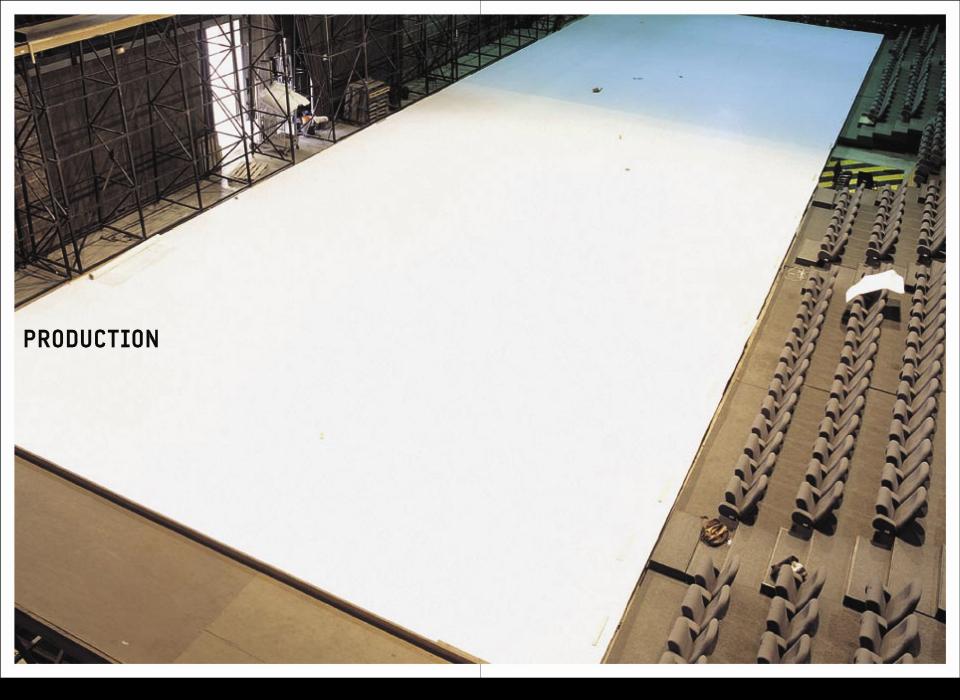


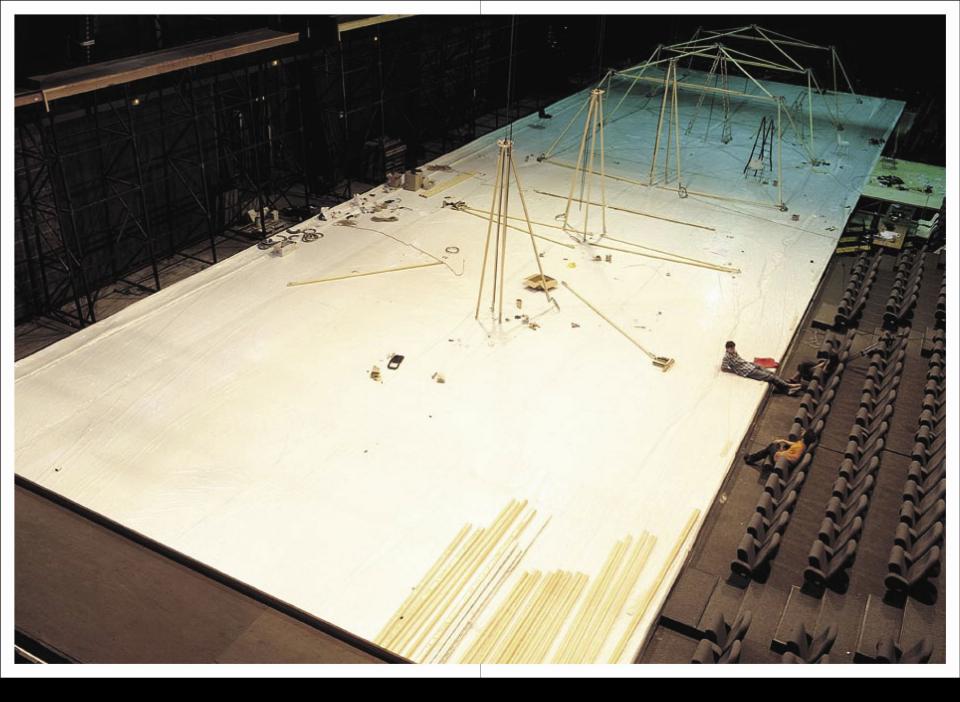
MEDIA HOUSE PROJECT BCN 26.09-06.10

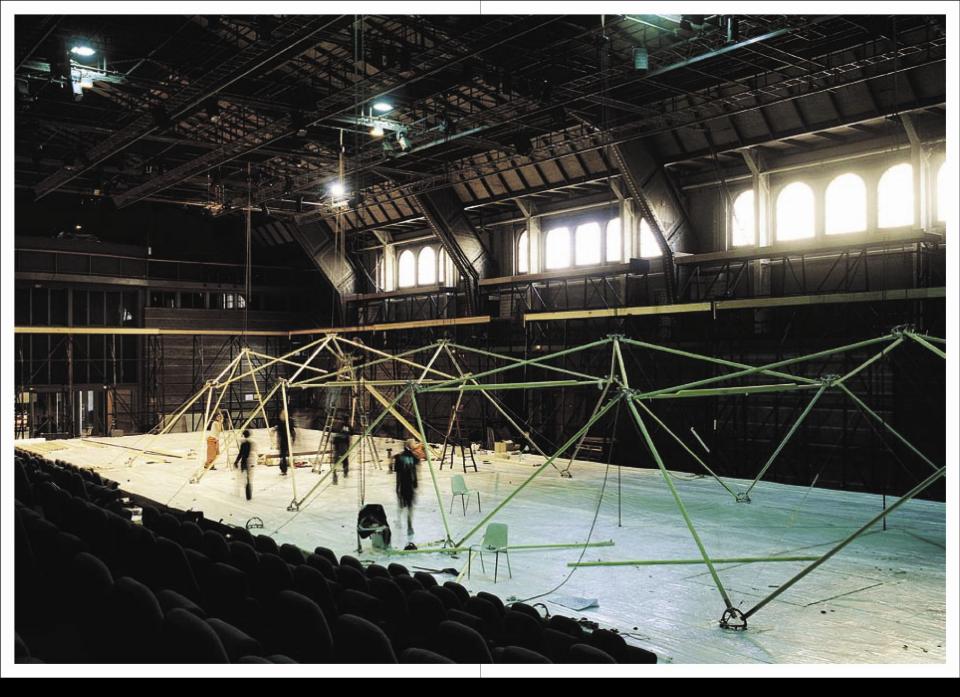
MERCAT DE LES FLORS 11.00 - 19.00 h.











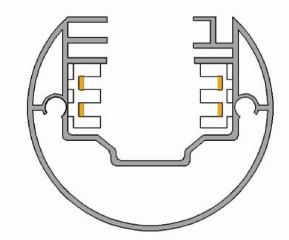
SECTION

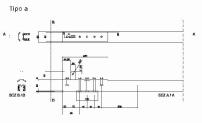
We found the answer when we came across a profile produced by a small firm in Germany, called EUTRAC. Unlike standard lighting profiles, such as ERCO, in addition to the electrical cables this track incorporates two lines for the lowspeed transmission of information.

The standard wall lights allow any element that can be connected to an EUTRAC element (such as a lamp or a switch) to be connected to, disconnected from and moved at will on this profile.

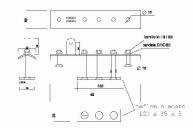
The result is a doubly hybrid profile – structural (wood) and informational (aluminium) – which also incorporates data and electrical networks.

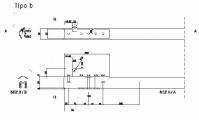
Special parts were manufactured incorporating a EUTRAC connector and a board with a microserver produced by the Media Lab.



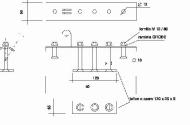


25 70 40 40 40 35









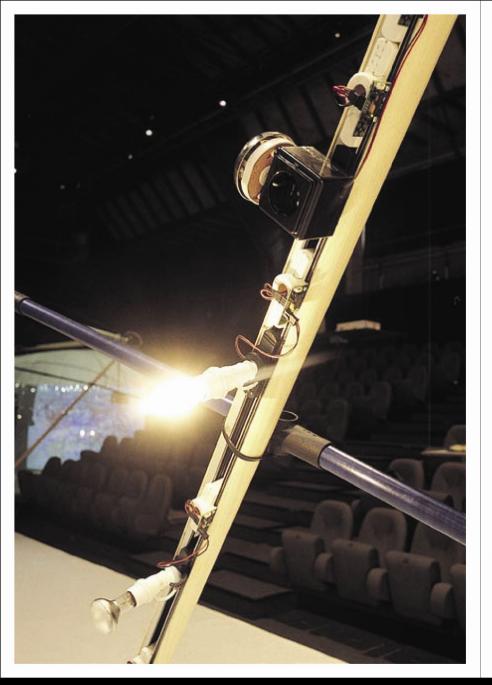












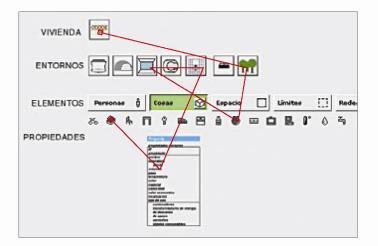


HOME WEB

Each element of a home potentially has their equivalent in the digital world, which can be shown with data or as a virtual representation of physical space. In the case that all of the elements have the appropriate interface, the home web would provide their status and be able to link them using logical phrases.

The computing facilities distributed need, on the one hand, to have micro servers installed in the elements that compute the information provided by the interfaces (sensors and others) and on the other hand a network to transmit the information which links them. From an information perspective, hierarchies do not exist in physical space in order to link data. If someone wants to flick a switch in a bathroom of a home, they have to enter the building, climb the stairs, enter the home, walk along the corridor, open a door and flick the switch. The possible links which exist in a person's and a home's world have an arborescence structure. In order to access one level, another superior level always has to be passed through first. In the case of the digital world, the structure is flattened out. The sequential hierarchies of the physical world do not exist. The property of an object can be linked, which then directly affects the property of the whole home or city.

In the future we should be able to qualify the relations that we create between things.



madia house project	DIMENTARID	DETTOR LOCKO	LADORATORDO	
Enternos: Personas § tesse 🚱 Especies 🔲	Uniter []]	tadas 💠	Conterádor 💿	
[6] 192 198 5 199 Kunner Casto 1			10+01	
(2) 192.168.0.108 Sensor 1				
[C] 432-188 5.137 Senser 1				
[C] 102.108.2.108 Senser 1				
(C) 182.100.0.105 Denses 1				
192.181.6.104 Tap Readerstf1				
Q 192, 101 5, 103 Tag Peaks _stl_1				
@ 192.101.039 Lot come_14_1				
Q 192.1011.122 Tag ReadeM_1				
@ 102.188.2.00 Lipit_rm_1				







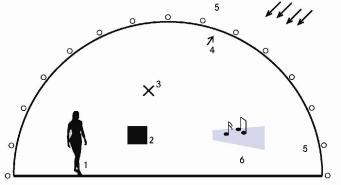




ENVIRONMENT

If we produce micro servers which can be installed into everything that exists in a home, the first step is to think what is 'everything' in a home. What kind of completely different elements are there in the home which contains different parameters, and therefore the way in which they measure inputs and outputs are different.

Following a reality study, we would propose the deconstruction of habitable environments into six layers:







1_People

People and by extension living beings. Animals and plants. Those entities that in their most developed state have intelligence. They have a metabolism. They have an internal flow of biological material which allows them to function. In the case of people they have a body temperature which reflects their physical state. People are the reason for the home's existence.

2_Space

Free space allows us to live in a home. It is measured in metres qubic. It has a chemical composition (oxygen) which allows us to breathe. If this factor collapses (a gas leak etc) human life is not possible. We can measure the space's temperature, humidity, and the intensity of sound contained in each section via the interfaces which are mainly installed in its limits. Air conditioning, based on being able to measure and manipulate some of the characteristics of the space, has been provided by the industrial age which changed the operation of inhabited spaces.

3_Objects

They are elements which occupy a volume in the space, and which in many cases exist in order to enable the development of specific functions in the home. Electrical appliances exist, which in their initial conception already incorporated electricity and an interface which allows people to relate to them. There are more and more objects which have historically existed in a home which incorporate new functions, adding electrical and information providing systems to the home. Each object (a table, a chair, a container, a picture etc) can potentially carry an interface.

4_Networks

The networks allow information to be structured and distributed in the space. They are defined by means of section and a path. Energy, water, gas, and data networks, and in the case of structures with porticos, hardware networks exist in the home. The networks can be constructed with different paths, integrating themselves in more complex sections where there are various networks.

5_Limits

The limits are constructed in order to create certain living conditions different from those of the natural environment. The limits are measured in metres squared and are generally continuous surfaces made up of layers of different material (bricks, insulation, paint etc) in sections. The limits of a home or a space have traditionally been static, but the search for more and more flexible functionality has led to the development of flexible or dynamic limits.

6_Contents

The contents are the subjective information which become apparent via various formats in a home. A radio emits a sound with an intensity and a tone which can be physically measured. The subjective value of this information, which depending on the cultural value of each individual, is the content. A light, a sound, a video, or a painting provides a subjective content to the space. Today, computers easily recognise physical fact and are starting to recognise subjective values.

ERITES OF ENVIRONMENTAL LATERS

OGUERO + SOPHIE CORNANGUER

		-		-	Autors	1							
		-		-	algitus	-	_				-		
	1				Same a								
	. 6	;,	at yt at	whether	-		_	-				-	
hit									mage mage				
	-	-		-	1	2	- 14C	1	-				-
• 344						111	-						
				1		É.	1.012.0	-				1	
	T					100000	1004.3	-				-	
	+					S	-					-	
						(encreal)	77.9.014						
						(march) (march)	30-6-3618 #0000 #00000						
						1	10.4000	-				-	
						h	100 million (
						\$	(Teres) (Lineserve)						
	-	-		-	-	ð	a familie	-	-			-	
	1							-				1	
					_	_	-						
Max, gran il pre petteronei "	1					-	-	dette				-	
	1	• •	1 1/ 27	Cente	-					Louisman	Logine	3.Indets	
								wr					
								-				-	
e de Balhaji				-		-		-	-		-		

	-	_		_	-	_		1		and the second		1	
	+	-		-	-	-		444		OEJ persena			
-								1		1.indegice .	2 alestrose 1/8	material .	netes
	1				1.						1	1.00	10.000
								-		06/ material			
						-		1				-	
	×	y 4						1		Cont and			
canitan adartes	÷	11		-		-	_	-		OS/ #H		-	na factoria in ana t
transformadores de energie de descanaci	1	11			-						And property of	manage candi	an officials other and acceleration post
de apriça utenulitar		1 4				-						Spectrum.	
objetes consumilies	8	÷ 7		-	-		_	1			-	read deliver rise	
	110					_		-					
durial	T									FLC1./F2.0	421/P3/C3/UP	N. ALL	
on me livite	-				-			90					
sillioncia, termina Faccient laminus					and the second			1					
Pacitizet monthly													
P	-	-		-	-	-			-	-	_		
	+	-		-		-	_						
					100			F		tabled det at	· josenski v	ider an Indian	(pro de genera, S. 10vec)
					Lowest			-					
eters satist								-		OBJ wants OBJ wasate			
	1.000		11 11 21										
		S	which me						_				

Barwet (alochicky & data)		mb/A	ant-states	1.00
"topologia, section, trajecturite			active literative	Die .
internel 2 Infrance		100.00	active describes	20
suite filmer		main	anth-of-Meanth-S	11111
water		area a	anti-ordenantive	No
seard		with mights	advollevador.	Per l
VGA anthene, radio, to: Earlefity		1000	active desattive active desattive	20
ipan		noise nait nait	active deserved	- 25
gan at som Hanned		ad .	paties/beacher	2222
Bagarite Brigra		perch.	actual desactive	- Not
bajarite mole recycladers		prind want	activitiesactive activitiesactive	- 24
Coldman.	-	and .	and the second second	- 24
the we listighting both				
Abdiat - ending rapped				_
Descender	111		have approx	
privised woman	0.00		Fugs Salara come	
and a set a contract				
All in the local data				_
in a dia Mat	123	in the second se		
and the second s	111	inerga .		
obvictive man	153	-mega		
a dimogramment	P P P			
and information wall 1		ineget.		_
	100.00000000			
"Banded Controlers (obtenas con sensores aux de remote controls (h. 164, ar conditioning)	Collar ordered & stret sport			
Indephones partero automatico				
partero automatice Graphical interfaceaticimputers				
interfaces de electrologies (suaders/offices.)				
Stating.	2.1			
sector Inconstatory	2.2	e-		
inger				
Temperature Teph street		1211		
handly .		94400		
inagration sinctro magnetian (radio varies)				
Long Parties Lange and Annual		*		
presence	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	
(mayvest and	:::::::::		1.524	
profiles - solution Sand	AAA MAM		and .	
provindy.	1 2 4			
aroundy Narza		Priting		
weight Profession	A Y Z 4	16		
todular.	and the second s			
-Gration		14		
	and a market of the	19		
"actuations (0/79/7) corresponden a los eliptos iro Jujós	e danadore de energe			_
Apresident		well .		
aurauns		wat		
viente-domesticos		100		
of supdiming				
angiffers frome applantes it generali				
and the second second second				
		with		-
Res		unite .		
instruction data & values		and the second s		
programmental datis 3 valuent programmen de antierna		mbrk		
purvertial data 3 values programme de anterna base de datos directostan		100		
humentari data E valuen programan de solarna basa de datos directatas partarial debaten solatos		mbrk		
hormettal della E valena programat de solarna Dana de datos disectores personal Astectores solation mejores chettidades		mbrk		
humentari data E valuen programan de solarna basa de datos directatas partarial debaten solatos		mbrk		
Internetial data E-values programma de anterna Saus de datare discontante personal debatera solutionidas des colonidas proposi-		mbrk		
Securital data E values programas de alterna Esta de datos directores personal Adactores sociales contentios propos physical physical physical		mbrk	Jung, spillar	
Increased data & values programma de astroma Bank de datos directores directores anterestos propos proposadimitánias programposadimi	111	mbrk	Jacob .	
Second data E values programma de alterna Esta de datos directores personal Antonenes sociales personal Antonenes sociales personalmitidades physical fiscan is unaligo segunt	H	mbrk	dagi, spilial min ming, Males, nates,	
Surveital data E values programas de altorna Esas de dates directores personal Antonenes sociales personal Antonenes sociales personalitadas	311		Jacob .	
Increased data 5 values programma de astroma Bana de datos directame directame antenentes proposa proposa de la constante astroma proposa de la constante astroma proposa de la constante astroma provente a constante astroma porte el mater Balton tenda fera	311		Jacob .	
Increased data & values Increased data & values Bask de date: difections difections services data de la constante socialités services data de la constante de la services data de la constante augusta feccale la conting support particul et constante augusta particul et constante datas teories teor	311		Jacob .	
Increased data & values Increased data & values Data de datas difectadas personal de adores acontellos sontenidos proposo sontenidos proposo portes de acting support portes de acting portes de acting portes de acting datas datas datas datas	311		Jacob .	
Increased data & values Increased data & values Data de datas difectadas personal de adores acontellos sontenidos proposo sontenidos proposo portes de acting support portes de acting portes de acting portes de acting datas datas datas datas	311		Jacob .	
Increased data & values programmer de astroma Bank de dates directante directante provinsi directante scottine provinsi directante provinsi directante participa participa participa datas gates gates participa partici	311		Jacob .	
Increased data & values Increased data & values Data de datas difectadas personal de adores acontellos sontenidos proposo sontenidos proposo portes de acting support portes de acting portes de acting portes de acting datas datas datas datas			Jacob .	
Increased data & values Increased data & values Data de datas difectadas personal de adores acontellos sontenidos proposo sontenidos proposo portes de acting support portes de acting portes de acting portes de acting datas datas datas datas	311		Jacob .	
Increased data & values Increased data & values Bank de datas difectadat difectadat sententidas propos sententidas propos ported e stars datas d	311		Jacob .	
Increased data & values Increased data & values Bank de datas difectadat difectadat sententidas propos sententidas propos ported e stars datas d	311		Jacob .	

SUFFICIENT HOUSING

Taac 1st Advanced Architecture Contest

1st Prize Single Housing

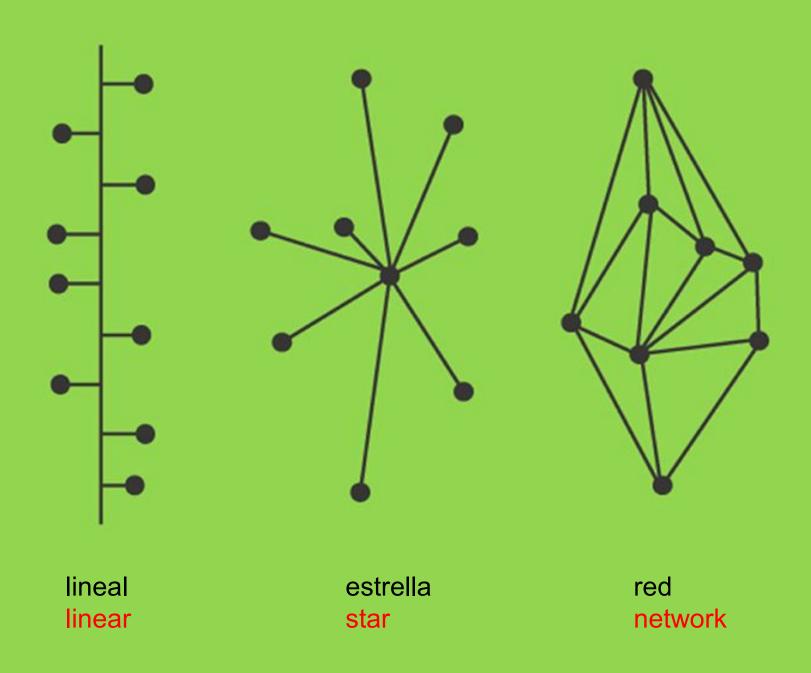


MicroCosm-House | France | Gaetan Kohler

1st Prize Collective Housing

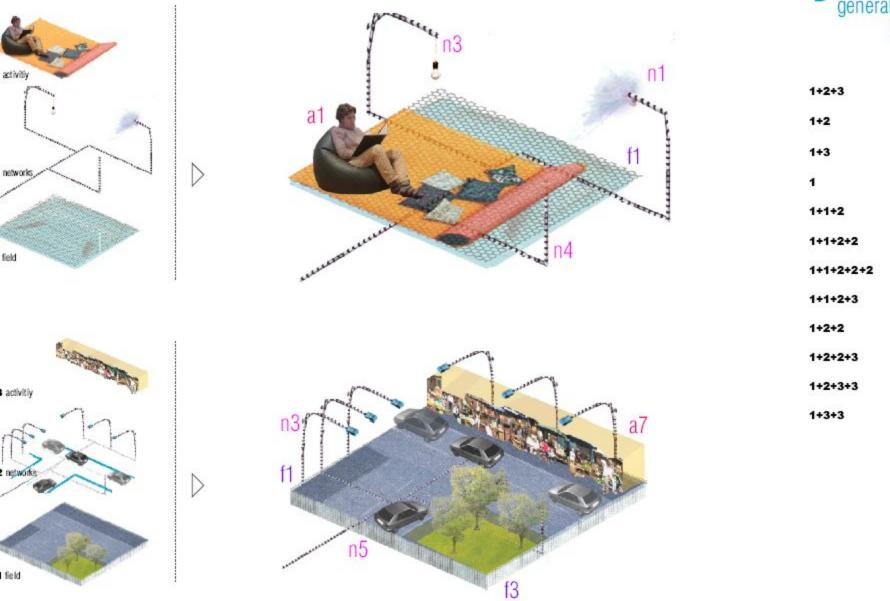


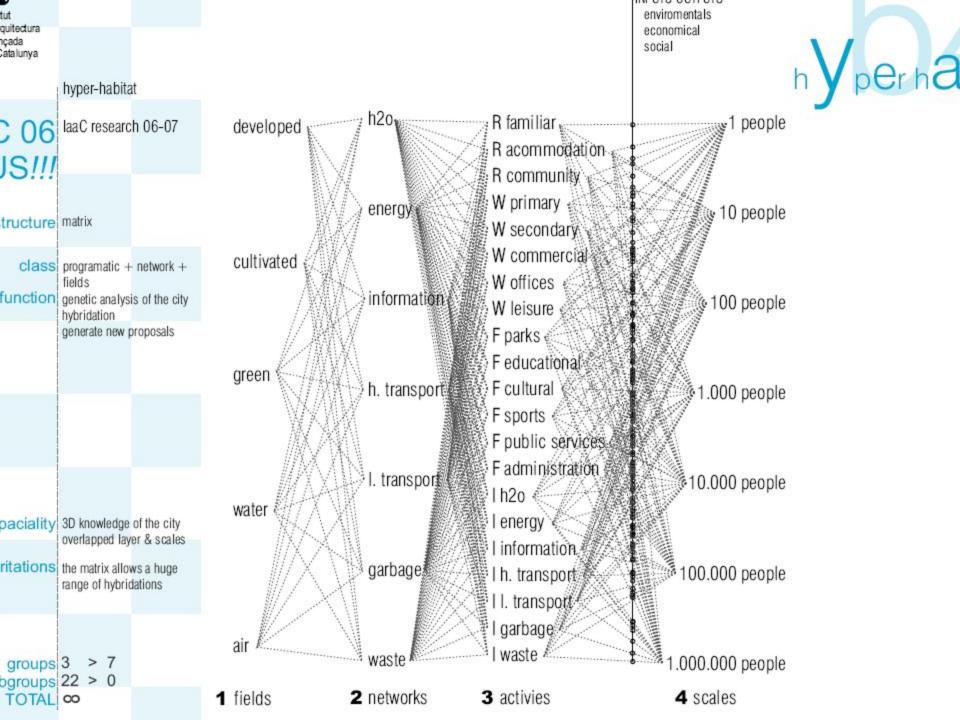
Ecosystem Injections | Spain | Daniel Ibañez Moreno, Rodrigo Rubio Cuadrado, Alberto Alvarez Agea



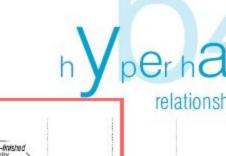
tut quitectura nçada Catalunya

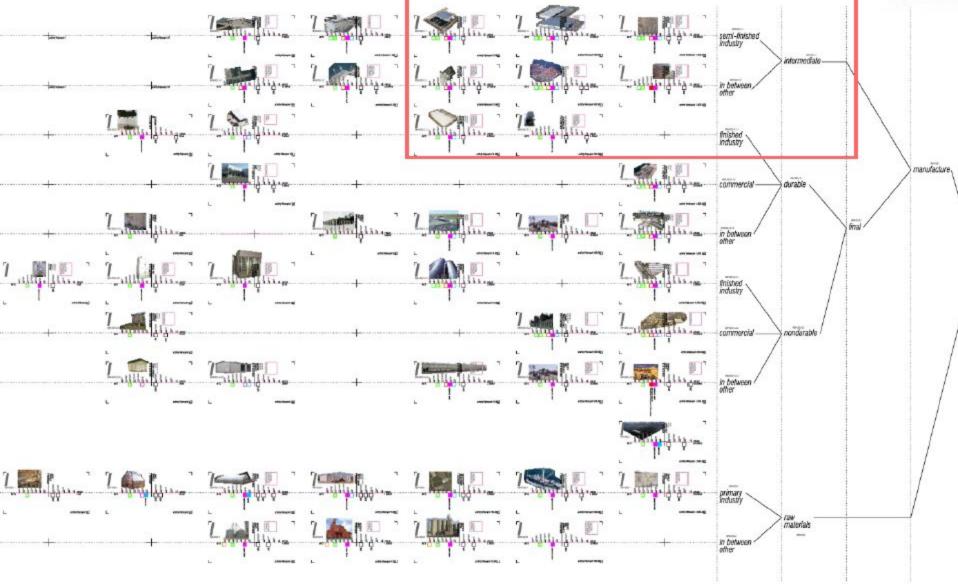


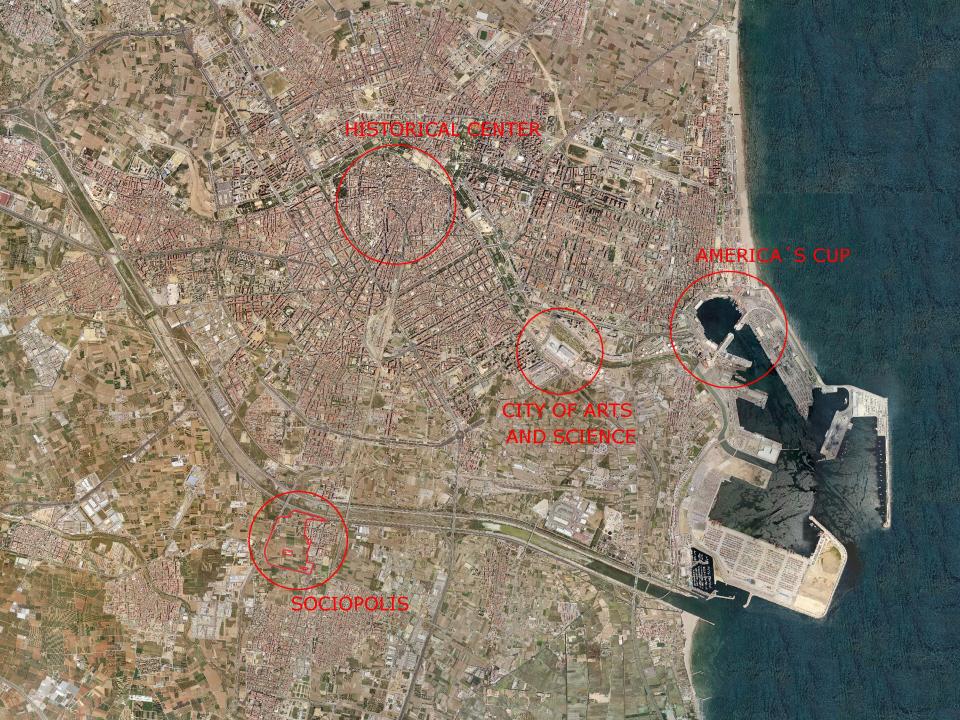




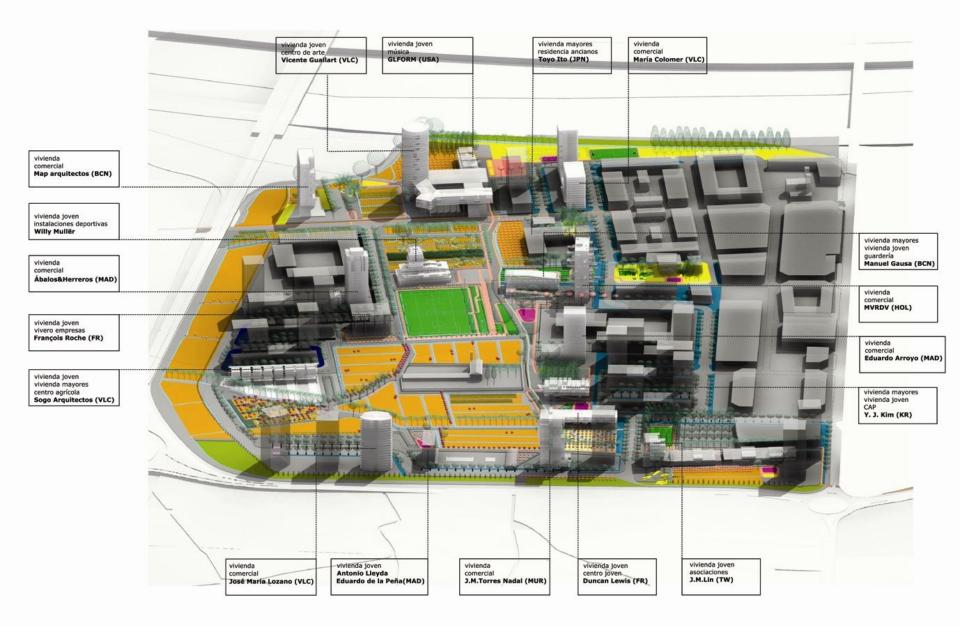
tut quitectura hçada Catalunya









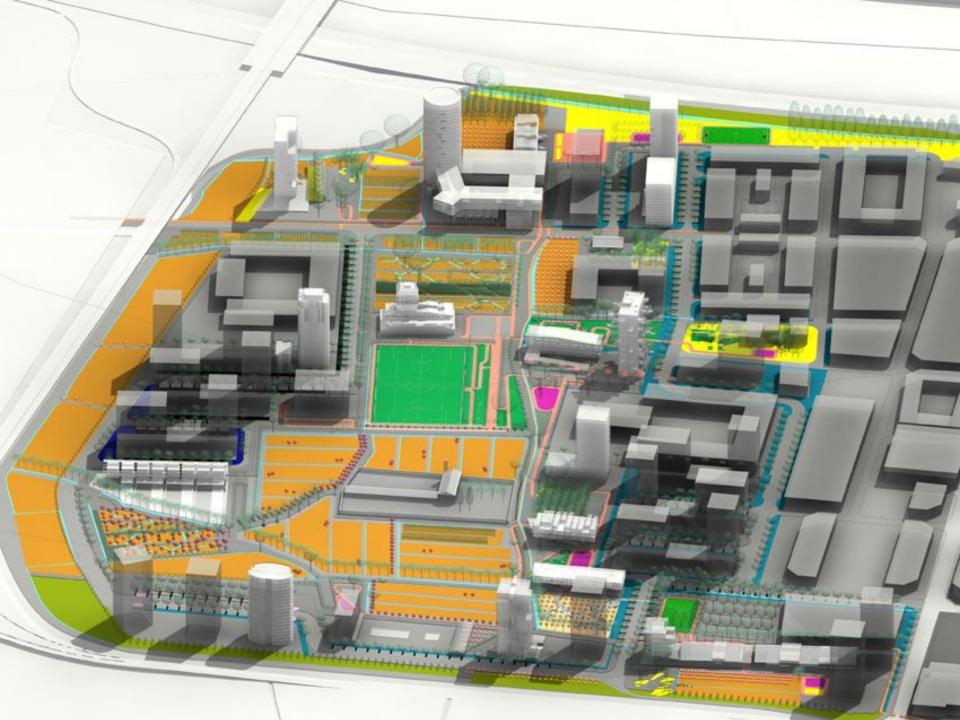












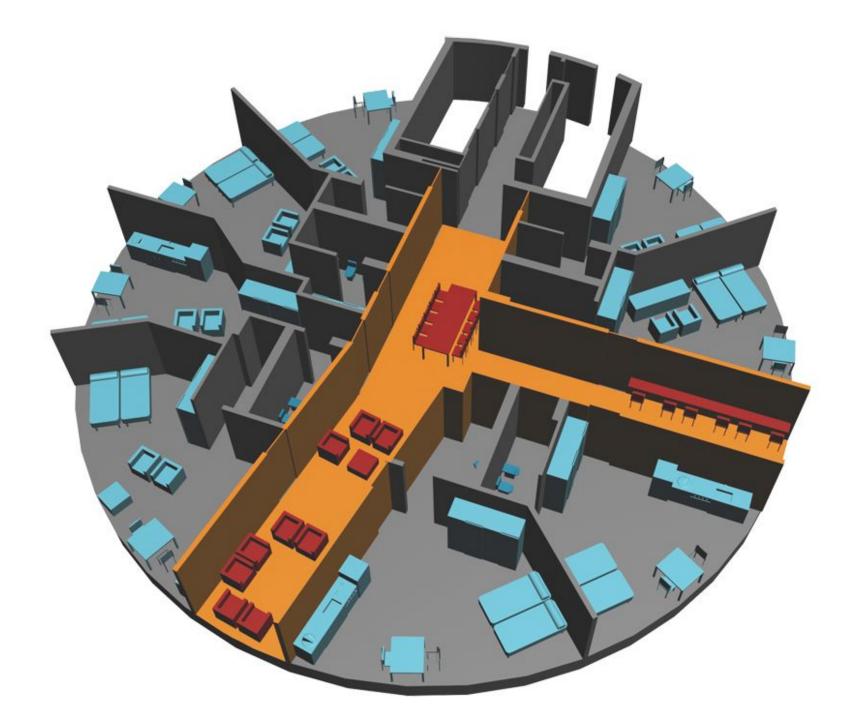




Sharing tower

14 B







Aldeas Bioclimáticas de Chinchilla

