

LETTER OF INTEREST

ACTIVATION OF THE CHARLESTOWN NAVY YARD WATERFRONT



ECOSISTEMA URBANO

EXHIBIT B

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ORGANIZATION STRUCTURE



Ecosistema Urbano Arquitectos, s.l.p.
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WHO WE ARE

ecosistema urbano is a Madrid based group of architects, urban designers and professionals specialized in urban innovation projects, operating within the principles of design thinking at the intersection between different disciplines: architecture, urban design, engineering, sociology... Their approach can be defined as urban social design by which they understand the design of environments, spaces, dynamics and tools in order to improve the self-organization of citizens, social interaction within communities and their relationship with the environment. Ecosistema Urbano has used this philosophy to design and implement projects in urban contexts from different countries: USA, Norway, Denmark, Spain, Italy, France, China, Russia, Paraguay, Bahamas, Ecuador, Bahrein, Honduras, etc...

Founding partners, Belinda Tato and Jose Luis Vallejo have led workshops, lectured and taught at the most prestigious institutions worldwide. Since 2010 they have been faculty at the Architecture and Urban Design Department at Harvard University's Graduate School of Design.

Since 2000, ecosistema urbano has received prizes and awards in more than 45 occasions by numerous international organizations (awarded by UN-Habitat in 3 occasions) and their work has been covered by media from more than 30 countries (specialized publications, tv programs, international press...). Their projects have been exhibited in many galleries, museums and international institutions.



WHAT WE DO

ecosistema urbano is specialized in **urban consultancy** projects (architecture and urban design), **public space** quality assessment and leads urban **transformation processes** (from initial conceptualization to final implementation) working for local, national governments and multilateral agencies. In recent years, their research has focused on the design of public spaces and its **climatic conditioning**, for contexts and climates as diverse as Bahrain or Norway. They have also designed and developed methodologies that incorporate **participatory mechanisms** with digital tools to allow collaborative network design.

Recently Ecosistema Urbano has won the international competition “Shore to Core” promoted by West Palm Beach Community Redevelopment Agency and organized by the Van Alen Institute to rethink the future of the **waterfront of West Palm Beach, Florida**.

Ecosistema Urbano's latest projects include the environmental and socio-economic regeneration of the **Voronezh Sea** (Russia), the Master Plan for the historical centre of **Asuncion** (Paraguay), a strategy for public spaces in the historical centre of **Cuenca** (Ecuador), the Sustainable Development Plan of **Encarnación** (Paraguay), an experimental urban playground in **Dordrecht** (Netherland), the “Ecopolis Plaza” a waste to resources building in the outskirts of **Madrid** (Spain).

In parallel, Ecosistema Urbano has played a pioneering role in the design of **digital networks**, creating different communication platforms around the subject of creative urban sustainability; developing social software that explores the possibilities of new technologies to improve social interaction and create urban environments redefining the concept of citizenship.

WE IMAGINE...



... A CLOSER CONNECTION WITH NATURE

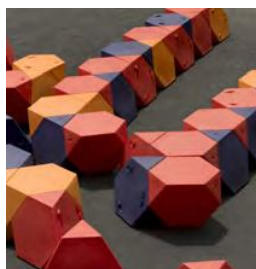
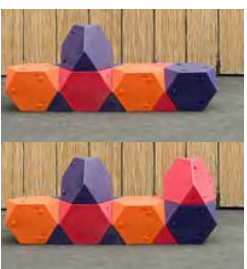
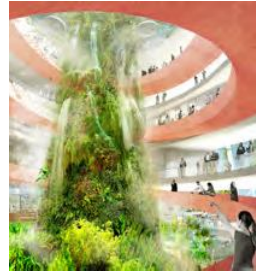
... NEW FLEXIBLE CULTURAL SPACES EMBEDDED IN THE LANDSCAPE



... AN INCLUSIVE CITY WITH A MYRIAD OF URBAN ATMOSPHERES

... A SMART, OPEN, AND INNOVATIVE CITY





OUR EXPERTISE IN URBAN PRACTICE



ARCHITECTURE:

Our approach to architectural projects is very much linked to the concept of sustainability from the very beginning, combining design decisions, engineering solutions and management processes in one holistic concept. Passive design and active

systems and the possibilities for social interactions are integrated tightly on each projects' DNA. We understand architecture as the stage for life and happiness, so considering people's needs and expectations is key to success



URBAN + LANDSCAPE:

A central part in our practice is focused on urban issues and multi-scale approaches to the street, the city and the territory. We combine urban design and planning with development strategies articu-

lating social, technical, policy and management issues. Again, sustainability is essential, understood as the efficient management of resources: land, water, energy, wastes, etc.



INTERNET + DIGITAL TOOLS:

We believe that the new ways of interaction which technology enables can be applied to improving communication within our network, as well as participation and user involvement on specific

projects. We develop web and mobile applications, sites and services that help adding a digital layer of participation, visualization and content management to different initiatives.



CONSULTANCY + RESEARCH:

We usually collaborate with other offices and institutions providing consultancy services on sustainable development, strategy, communication and digital tools. In parallel ecosistema urbano is en-

gaged in different research initiatives, that explore the potential of hybrid spaces which combine physical and digital tools with the aim of creating a sustainable and lively urban environment.



PLACEMAKING:

Since the very beginning of our practice, we have committed ourselves to take action in public space, involving the people that use it and care for it. Lightweight, low-cost, yet powerful events, workshops and collective performances that help creating a local sense of community and rising awareness among decision makers and the media.

Ecosistema urbano is in constant search of new tools and ways to incorporate citizens in city related issues. As an example of this, our **participatory digital tool, LOCAL IN** tool aims to provide effective communication channels for citizens to express their ideas.

OUR APPROACH LEADS TOWARDS SOCIAL INNOVATION, CITIZEN EMPOWERMENT AND ENVIRONMENTAL AWARENESS

Urban. Social. Design. Three words that describe our dedication: the urban context, the social approach, and the design understood as an action, an interaction, and a tool for transformation. Understanding types of behaviour and processes at different levels is crucial.

Creativity is a network. In a globalized world, creativity is the capacity to connect things innovatively and thus we understand that the protagonist of the creative process is not just a team but an open and multi-layered design network.

Community first. Cities are created and maintained by people for people, and urban development only makes sense when the community cares about it. We work to empower the communities to drive the projects that affect them, so social relevance is guaranteed.

Going glocal. Just as cities have residents and visitors, and planning is made at different scales, every urban project is born in a constant movement between the direct experience and specificity of the local context, and the global, shared flow of information and knowledge.

Accepting –and managing– conflict. Participation, like conversation, means letting all the points of view be raised and listened to. Public debate only makes sense if all the stakeholders are involved. Every project affecting the city has to deal with both opposition and support, consensus and contradiction.

Assuming complexity. Encompassing the complexity of the urban environment requires simplifying it. Instead, we prefer to admit its vast charac-

ter and understand our work as a thin layer –with limited and, at times, unpredictable effects– carefully inserted into that complexity.

Learning by doing. Our experience grows through practice. We know what we can do, and we challenge ourselves to do what we think we should be doing. We solve the unexpected issues as we move, and then we take our lesson from the process and the results.

Planning... and being flexible. Urban development is what happens in the city while others try to plan it. We think ahead, make our dispositions, but we are always ready for reality to change our plans... mostly for the better. Rigidity kills opportunity, participation and urban life.

Embracing transdisciplinarity. We assume that our role as professionals is evolving, disciplinary bonds are loosening, urban projects are complex, and circumstances are continuously changing. This requires open-minded professionals, flexible enough to adapt their roles and skills and to use unusual tools.

Technology as a social tool. Today's technology enables us to better relate and interact with each other and with the surrounding environment. As the digital-physical divide narrows and the possibilities multiply, it becomes an increasingly significant element in urban social life.

Keeping it open. Open means transparent, accessible, inclusive, collaborative, modifiable, reproducible. Open means more people can be part of it and benefit from it. These are the attributes that define a project made for the common good.

RECENT PROJECTS

2017: Design for the waterfront redevelopment of West Palm Beach, Florida.

2017: Landscape design of the Fadura Park, Getxo, Basque Country, Spain.

2015/16: Strategic Plan for the revitalization of Public Spaces in Cuenca, Ecuador. ICES Program, Inter American Development Bank, USA

2015: Public Participative Process for Tegucigalpa, Honduras. ICES Program, Inter American Development Bank, USA

2015/16: Territorial and Sustainability Plan for the city of Encarnación, Paraguay.

2014: Environmental, ecological and socioeconomic restoration of the Voronezh Sea, Voronezh, Russia.

2014/15: Master Plan for the Historic Centre of Asuncion, Paraguay

2012/13: Experimental educational building for Reggio Children Foundation in Reggio Emilia, Italy (in progress)

2011/13: Concept design, participatory process, construction document for the transformation of the main public space of Hamar, Norway.

2010/13: Concept, Implementation of Unconventional Project Playground in Dordrecht, Netherlands.

2010/12: Design, construction document and construction supervision- Kindergarten and public space. 7.000 sqm Rivas-Vaciamadrid.

2009/10: Design, construction document and construction supervision- Madrid pavilion public space. Shanghai Expo 2010.

2009/--: Design for a Water Park, a system designed for the recovery of rain waters from the Industrial of Meco, Madrid.

2009/--: Economic, social and urban design diagnosis and proposals for the Fuencarral axis, Madrid.

2009/ : Master Plan environmental improvement ARCELOR steel factories & concept design new Technology Center. Asturias.

2008/--: Concept Design for a Master Plan for 450 Ha of residential, leisure, etc...in Marrakech, Morocco

2008/--: Urban revitalization proposal for the city of Elda, Alicante.



2008/--: Urban revitalization proposal for San Diego neighbourhood, Madrid.

2007/--: Bioclimatic improvement strategy for the public spaces of Madrid. City of Madrid.

2007/--: Concept design for the urban renewal plan for a 12,000 people residential area in Fuenlabrada.

2007/--: Concept Design for innovative playground areas downtown Bilbao.

2007/--: Concept design for a 120 acres Master Plan for Sofia, Bulgaria

2007/--: Construction project of a prefab home in Tapia de Casariego. Asturias.

2006/--: Construction document for the refurbishment of the main building of School of Architecture in Madrid

2006/--: Construction document for the refurbishment of building. ETSAM, Madrid,

2006/--: Concept Design and construction document. Renovation and new building. Meteorological Center in Tenerife, Spain

2006/--: Concept design 60.000 sqm of Public space. Marina of Valencia for the America's Cup 2007.

2006/--: Selected for 2nd Phase International Competition Urban Voids in Philadelphia (USA).

2006/--: Construction project for the new commercial area at Fuerteventura Airport

2006/--: Construction project for the new commercial Area at Menorca Airport

2005/--: Construction project for the refurbishment of Igueldo Meteorological Observatory (San Sebastian)

2005/--: Construction project for the refurbishment of Meteorological Observatory of Catalonia / Barcelona

2003/06: Concept Design and construction document. Meteorology Museum. Retiro Park , Madrid

2004/06: Bioclimatic Boulevard in the urban development of Vallecas.

2002/04: Concept Design for the Archaeological Site Museum Monteverde (Chile).

2004/07: Concept Design, construction project and construction management of 8 banking offices in different locations in Spain

2003: Concept Design for the children Hostel in Lahuen Nadi forest (Chile).



PARTICIPATORY PROCESSES

2017: Participatory process for the reactivation of Fadura Park, Getxo, Basque Country, Spain

2016-: Participatory process for the urban activation of Flaubert neighborhood -Grenoble, France. (in progress)

2015-2016: Participatory process for Encarnacion Sustainable Development Master Plan, Paraguay.

2015-2016: Participatory process for the Strategic Plan for the revitalization of Public Spaces in Cuenca, Ecuador.

2015: Public Participatory Process for Tegucigalpa, Honduras.

2015: Collaborative installation at Design Institute of Hong Kong.

2014/2015: Participatory process for the Master Plan for the Historic Centre of Asuncion, Paraguay

2014: Collaborative Installation "Garden of Dreams", for Harvard University (GSD) at Great Exuma, Bahamas.

2011/14: Participatory process DREAMHAMAR. Construction project for main public space in Hamar, Norway.

2010-: Online platform "Local IN" development.

2010: Participatory activity of toys exchange "La noche de los niños" for the "Noche Blanca", Madrid, Spain.

2009: Participation for the art collective Alterpolis, "City as a Playground" en Madrid, Matadero.

2008: Exhibition "Zaragoza Kyoto: architectures for a more sustainable planet", for the International Expo of Zaragoza, Sociedad Estatal para Exposiciones Internacionales (SEEI), Zaragoza, Spain.

2006: Urban action "Temporary Beach" to improve public space at Plaza de la Luna, Madrid, España.

2004. Urban Action "Parkeing", at Alcalá de Henares School of Architecture, Madrid, España.



PUBLIC PARTICIPATORY PROCESS FOR TEGUCIGALPA, HONDURAS.

Public Installation with post-it for Public Participatory Process "Centro Histórico Abierto".



HAMAR (NORWAY)
Participatory process for the main public space in Hamar, Norway.



EXUMA (BAHAMAS)
Sustainable Exuma. Government of the Bahamas, BNT & Harvard GSD.



ASUNCIÓN (PARAGUAY)
Master Plan for the Historic Centre of Asuncion, Paraguay



CUENCA (ECUADOR)
Strategic Plan for the revitalization of Public Spaces in Cuenca, Ecuador.



ENCARNACIÓN (PARAGUAY)
Territorial and Sustainability Plan for the city of Encarnación, Paraguay.



TEGUCIGALPA (HONDURAS)
Public Participatory Process for Tegucigalpa, Honduras.



HONG KONG
Networked Urbanism. Hong Kong Design Institute. Hong Kong, CN.



MADRID (SPAIN)
Urban action "La noche de los niños", Matadero, Madrid.



PRIZES

- 2017:** First Prize Shore to Core. Urban Regeneration competition. West Palm Beach, Florida, USA
- 2016:** Finalist Guangzhou Award for urban Innovation. Master Plan for Asuncion, Paraguay. China
- 2016:** CUENCA RED: Mention RI.U.SO. 05 Award – Rigenrazione Urbana Sostenibile, CNAPPC, Italy
- 2016:** CUENCA RED: Finalist 2016 Taipei International Design Award Public Space Design Category
- 2014:** First Prize. Strategy for the future of the Voronezh Reservoir, Russia.
- 2014:** First Prize. Master Plan for the rehabilitation of the Historical Centre of Asunción, Paraguay.
- 2014:** Shortlisted for the competition: Strategy for the future of the Voronezh Reservoir, Russia.
- 2014:** Commendation. Ibero-American Biennial of Architecture and Urbanism. Book: Dreamhamar
- 2014:** 4th Prize. Réaménagement du bord de mer - Libreville, République Gabonaise.
- 2013:** Commendation at the International Competition Get a bike Oslo!
- 2013:** Finalist Bienal Española de Arquitectura y Urbanismo. Dreamhamar, Hamar Norway.
- 2012:** Finalist BSI Swiss International Architectural Award
- 2012:** Finalist Curry Stone International Design Prize
- 2011:** Sustainable building challenge 2011 Helsinki, Finland
- 2012:** First Prize. 9th Europ. Urban and Regional Planning Awards. Proy. Madrid Centro. In collaboration with Jose M. Ezquiaga.
- 2012:** First Prize. Competition for the Reggio Children School, Reggio Emilia, Italy.
- 2012:** First Prize. Competition Albertslund Syd housing renovation, Copenhagen area, Denmark (in collaboration with Vandkunsten).
- 2012:** Shortlisted for the International Competition for the transformation of the historic centre of Kiruna, Sweden.
- 2011:** First Prize for the International Competition for Hamar Square, Hamar, Norway
- 2011:** First prize Competition “The city of the new technologies’ with the Smart Street Commons project, city of Madrid.
- 2011:** SEMIFINALIST at the Buckminster Fuller Challenge, the socially-responsible design’s highest award, USA
- 2010:** Shortlisted for the International Competition for Hamar Square, Hamar, Norway
- 2010:** Commendation for International Competition Otopark, Berlin
- 2010:** Prize winning for the construction of an Unconventional Playground in Dordrecht, Netherlands.
- 2010:** Finalist Iakov Chernikhov International Prize “Challenge of the Time”
- 2009:** Third Prize for Madrid German College working with Sauerbruch&Hutton
- 2009:** Silver Award EUROPE from the Holcim Foundation for Sustainable Construction
- 2008:** First Prize Arquia/Proxima 2008. Ecobulevar de Vallecas. Fund. Caja de Arquitectos. Spain
- 2008:** 2nd Prize ARI Pez-Luna urban design. Madrid.
- 2008:** 2nd Prize MATADERO Plaza in Madrid.
- 2008:** 2nd Prize European competition for young architects. EUROPAN 9. Linz, Austria.
- 2007:** 1st Prize Competition for the Regional Pavilion (Galicia) in EXPO2008 ZGZ.
- 2007:** 2nd phase “Rimesse in gioco/Depositi di idee” in Roma.
- 2007:** Honourable Mention. Competition for an experimental art center Intermediae in Madrid.
- 2006:** 1st Prize European competition for young architects. EUROPAN 8. Maribor, Slovenia.
- 2006:** 2nd Prize International Competition for the urban regeneration of downtown Philadelphia. URBAN VOIDS.
- 2006:** Honourable mention. Ideas competition-Qué- for Exhibition Space at the Architects Association Headquarters in Madrid.
- 2006:** Selected as one of the “Top ten spanish architects under 40” by the Antonio Camuñas Foundation.
- 2005:** European Acknowledgement Award from the Holcim Foundation for Sustainable Construction
- 2005:** Third Prize Ideas competition for High School IES SON FANGOS in Manacor, Mallorca.
- 2004:** 1st Prize competition Ecoboulevard of Vallecas. Pilot project European Union for bioclimatic conditioning of a public space.
- 2004:** Honourable Mention European competition for young architects. Prague, Czech Republic. EUROPAN 7.
- 2001:** Honourable Mention European competition for young architects. Bilbao, Spain. EUROPAN 6.

AWARDS FOR BUILT WORK:

2014: DREAMHAMAR awarded as BEST PRACTICE by the United Nations-HABITAT program 2014

2013: Silver award Public Space. Taipei International Design Award. Dordrecht energy carousel

2013: Second Prize. Mediterranean Sustainable Architecture 2013. Plaza Ecopolis.

2013: Sustainable construction Prize Castilla y León for the project Plaza ecopólis

2013: Plaza ecopólis awarded as BEST PRACTICE by the United Nations-HABITAT program

2008: Ecobulevar awarded as a GOOD PRACTICE by the United Nations-HABITAT program

2008: Honourable Mention. Ecobulevar urban project. ASPRIMA (Real Estate Association of Madrid)

2007: AR AWARD as Emerging architects in London. Ecobulevar project.

2007: Shortlisted for the European Mies Van der Rohe Award as 'Emergent Architect'.

2007: Shortlisted for Zumtobel award 2007 for Humanity and Sustainability in Arch. and Built Environm.

2006: First Prize. Madrid's Enor Architecture Prize 2005, EcoBulevar urban project. Spain.

2006: First prize FORESTALIA award for sustainable construction with wood materials in Galicia Region

2006: Honourable Mention. XX Premios de Urbanismo, Arquitectura y Obra Pública. Ecobulevar. City of Madrid.

2006: Mention by "Architectural Association & EES's ENvironmental Tectonics Competition" in London

2006: Honourable Mention for the Ecobulevar project at the ITC Tubular. Alava, Spain.

2006: Commendation. XVIII Premio Asturias de Arquitectura. COAA. Oviedo, Spain.



ACADEMIC EXPERIENCE

2017.- Spring Semester. Adjunct Professor in Urban Planning. Columbia University GSAPP. New York, Usa.

2017.- Spring Semester. Design Critic in Landscape Architecture. Harvard University's Graduate School of Design. Cambridge, Usa.

2016.- Spring Semester. Design Critic in Architecture. Harvard University's Graduate School of Design. Cambridge, Usa.

2015.- Fall Semester. Design and Sustainability. University of Alghero, Sardegna, Italy.

2015.- Fall Semester. MAE Master in Architecture and Energy. University Camilo José Cela, Madrid

2015.- Fall Semester. Master in Design for Work, Retail and Learning Environments, IE University.

2015.- Spring Semester. Master of Design and Innovation. Product Design Lab. IED, Madrid.

2014.- Fall Semester. Design Critic in Architecture. Harvard University's Graduate School of Design. Cambridge, Usa.

2014.- Fall Semester. Design and Technology Lab. Master in Work Space Design, IE University.

2014.- Spring Semester. Master of Design and Innovation. Product Design Lab. IED, Madrid.

2014.- Winter Term. Distinguished Visiting Pro-

fessor. School of Architecture, Portland State University. Usa

2013.- Fall Semester. Design Critic in Urban Planning and Design. Harvard University's Graduate School of Design.

2013.- Spring Semester. Design Studio. Master course Sustainable Arch.-U. Planning, DIA Dessau Urban Research Lab Sardegna

2012.- Fall Semester. Design Critic in Urban Planning and Design. Harvard University's Graduate School of Design.

2011/12 Associate professor at Alicante Architecture School. Alicante, Spain.

2011.- Fall Semester. Visiting Professor at Bergen Architecture School. Bergen, Norway.

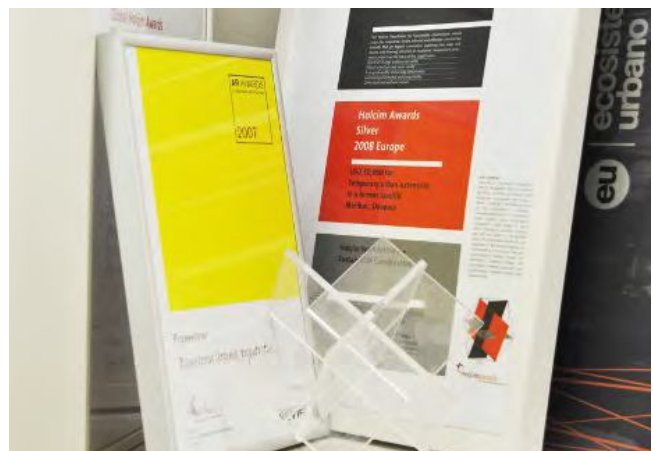
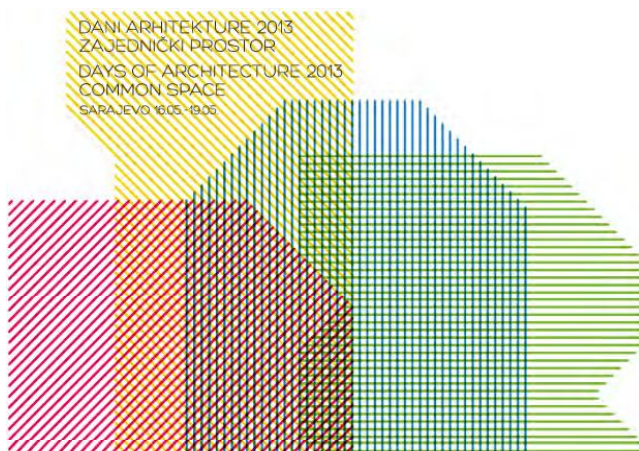
2010.- Fall Semester. Design Critic in Urban Planning and Design. Harvard University's Graduate School of Design.

2008.- Spring Semester. Visiting professor. IAAC Institute of Advanced Arch. in Catalonia, Bcn, Spain.

2007.- Fall Semester. Visiting professor. UIC-Universidad Internacional de Cataluña. Bcn, Spain.

2005/07 Associate Professor. Graphic Design Department. ETSA Madrid, Spain.

2001/13 Associate Professor. Design Studio. Arch. Department. ETSA Madrid, Spain.



EXHIBITIONS

Ecosistema urbano work has been exhibited in many public and private institutions. The project Ecoboulevard of Vallecas is present at “El Croquis” museum’s permanent exhibition and the Design Museum in London. They have participated in the exhibition of the Spanish Pavilion of Zaragoza EXPOZGZ2008 with Richard Rogers, Jaime Lerner, Glenn Murcutt and Lacaton&Vassal. Other exhibitions include “GREEN ARCHITECTURE” at the Louisiana Museum for Modern Art in Denmark, Looking through ecosistema urbano eyes at the Deutsches Architektur Zentrum - DAZ in Berlin. Other exhibitions include:

2015 Dec.- Biennale of Architecture. Shenzhen, China. Curators: Betsky, Brillembourg & Klumpner

2015 Apr.- Chatter: Architecture Talks Back. The Art Institute of Chicago, Usa. Curator: Karen Kice

2015 Feb.- EXPORT. Fundación ICO. Curator: Edgar González. Madrid, Spain.

2014 May.- Lo que ha de venir ha llegado. Centro Andaluz de Arte Contemporáneo. Sevilla, Spain.

2013 Sep.- Participation at the Oslo Triennale 2013. Oslo, Norway.

2013 Sep.- Exhibition Planning for protest at Lisbon Triennale. Curators: R. Gomes, B. Allen and J. Bae

2012 Nov.- Importing Architecture. NasjonalMuseum of Art, Architecture and Design. Oslo, Norway.

2012 Aug.- Dream your city. XIII Venice Biennale. SpainLab. Curator: Antón G^a. Abril. Venice, Italy.

2012 Abr.- Participation: Empowerment in Practice. Harvard Gsd. Curator: Andres Lepik. Cambridge, Usa.

2011 Oct.- 5th International Architecture Biennale ‘Barbara Capochin’. Rigenerazione Urbana Sostenibile. Padua, Italy.

2012 Apr.- Re-Architecture exhibition. Pavillon de l’Arsenal, Paris, France.

2011 May.- Nouveaux équipements à Paris. Pavillon de l’Arsenal, Paris, France.

2010 Nov.- Looking through ecosistema urbano eyes. Formel X. Deutsche Architektur Zentrum. Berlin. Curator: K. Ring.

2009 May.- Green Architecture for the future. What If...? Cities. Louisiana Museum of Modern Art Copenhagen, Denmark.

2009 Feb.- Solo Exhibition. Le Sommer Environment Gallery. Paris, France.

2008 Dec.- II Bienal de Arquitectura, Arte y Paisaje de Canarias. Santa Cruz de Tenerife, Spain.

2008 Aug.- Out There: Architecture Beyond Building. XI Venice Biennale. International Pavilion. Curator: Aaron Betsky

2008 Jun.- Zaragoza Kioto. Spanish Pavilion. Zaragoza Expo. Curator: Luis Fdez. Galiano

2008 May.- New urban ecologies. Galería Spazio FMG. Milano, Italy. Curator: Luca Molinari.



LECTURES

2017

2017 Oct.- Keynote Speaker. 2017 World Design Summit. Montreal, Canada.
 2017 Jun.- Making the Collective City: Reflections on participatory processes. Univ. de Lisboa, Portugal
 2017 Apr.- Taubman College Winter 2017 Lecture series. University of Michigan. USA
 2017 Apr.- Grandes proyectos Arquitectura. Grupo Via. Madrid, Spain.
 2017 Mar.- After Dark, Designing for Darkness. Aga Khan Program & Harvard GSD, Cambridge, MA.
 2017 Mar.- Design Anthropology: Landscapes and Cities. Radcliffe Institute. Cambridge, MA. USA
 2017 Mar.- Bottom up Initiatives. Studio X. Rio do Janeiro, Brasil.
 2017 Feb.- Manos a la obra: de la crítica a la práctica. AVNAU-COAVN. Bilbao, Spain
 2017 Jan.- Recuperación Áreas Urbanas Centrales. InterAmerican Dev. Bank. Buenos Aires, Argentina
 2017 Jan.- Ciudad Fallera. Universidad Politécnica de Valencia. Valencia, Spain.

2016

2016 Dec.- Universität der Künste Berlin. Berlin, Germany.
 2016 Dec.- Ciudad Educadora - Educating City. Alcudia, Spain
 2016 Nov.- City Management. X International Conference. European Parliament. Katowice, Poland.
 2016 Nov.- Beijing Forum 2016. Peking University and Harvard Ecological Urbanism. China, 2016
 2016 Oct.- La ciudad Participada. Alicante, Spain
 2016 Oct.- Urban Commerce Seminar. Municipality of Vitoria, Spain.
 2016 Oct.- Nuevas arquitecturas para nuevos horizontes. Moderator: Ll. Moix, C. C. Blanquerna. Madrid
 2016 Oct.- Sustainability Series. IE School of Architecture and Design. Segovia, Spain.
 2016 Sep.- Primer Encuentro Nacional de Intendentes. Ciudades del Siglo XXI. Buenos Aires, Argentina
 2016 Sep.- New Participatory tools. InterAmerican Development Bank. Montevideo, Uruguay.
 2016 Aug.- Univ. Técnica Federico Sta. Mª. Dpto. Arquitectura. Valparaíso, Chile.
 2016 Aug.- Facultad de Arquitectura y Urbanismo Universidad de Chile. Santiago de Chile
 2016 Jun.- Revitalización de Barrios. InterAmerican Develop. Bank + Adolfo Ibáñez Univ. Santiago, Chile.
 2016 Jun.- International Conference on City Sciences (ICCS 2016). Santiago de

Chile

2016 May.- Foro de Densificación urbana. IE-ARUP. Madrid, Spain.
 2016 May.- Jornadas Conciencia Tierra. Madrid, Spain.
 2016 Mar.- Decoding practice. Harvard's Graduate School of Design. Cambridge, Ma. Usa.
 2016 Feb.- HorsPistes, Centre George Pompidou, Málaga, Spain.
 2016 Jun.- International Conference on City Sciences (ICCS 2016). Santiago de Chile

2015

2015 Dec.- Sostenibilidad Urbana y del Territorio. Cantón de Cuenca. Cuenca, Ecuador
 2015 Nov.- Networked Urbanism. School of Architecture of Alghero, Sardinia, Italy.
 2015 Nov.- Future of Villages + Small Towns in an Urbanizing World. TU Braunschweig, Germany
 2015 Nov.- Networked Urbanism. Fundación Luis Seoane. Coruña, Spain

gium

2015 Jul.- 'El Mundo Vegetal en Aranjuez: la Botánica del poder' UNED, Madrid, Spain.
 2015 May.- Colectivos-Para uma arqueologia do território. ISCTE-IUL, Lisboa, Portugal
 2015 May.- Seminario ESPACIOS EN ESPERA. Junta de Andalucía + Univ. Sevilla, Spain.
 2015 May.- Beyond Building Barcelona Construmat. Barcelona, Spain.
 2015 May.- Archiprix International Prize. Madrid, Spain
 2015 Apr.- Espacio para Arquitectas. Roca Gallery Madrid, Spain.
 2015 Mar.- Escuela Técnica Superior de Arquitectura. Universidad Politécnica de Valencia, Spain
 2015 Mar.- CONSTRUARQ. Escuela Técnica Superior de Arquitectura de Valladolid, Spain.
 2015 Feb.- Plan Maestro Asunción. Colegio Arquitectos Paraguay. Asunción, Paraguay
 2015 Feb.- Plan Maestro Asunción. Aso-



2015 Nov.- Conferencia Temática Ciudades Intermedias Hábitat III Naciones Unidas. Cuenca, Ecuador
 2015 Oct.- Universidad Nacional de Itapúa. Encarnación, Paraguay
 2015 Oct.- Lille School of Architecture. Lille, France.
 2015 Oct.- IV Encuentro de Paisaje. Alianzas que hacen paisajes. Valencia, Spain.
 2015 Sep.- El futuro de las ciudades. Open House Madrid. Universidad Camilo José Cela, Madrid, Spain
 2015 Sep.- Shaping European Cities, EU Creative Europe. BOZAR, Brussels, Bel-

ciación Ciudadela. Asunción, Paraguay
 2015 Jan.- Networked Urbanism. Hong Kong Design Institute. Hong Kong, CN
 2015 Jan.- MAD ASIA Conference. Make a Difference. Hong Kong, CN
 2015 Jan.- DIÁLOGOS. Escuela de Arte y Superior de Diseño de Valencia, Spain.

2014

2014 Nov.- ETH Zürich. Architecture Department Lecture Series. Zurich, Switzerland.
 2014 Nov.- MIT Media Lab. Changing Places. Cambridge, MA, Usa
 2014 Oct.- Escuela de Arquitectura de

Asunción. Asunción, Paraguay.
 2014 Oct.- Woodbury University, San Diego, Usa.
 2014 Sep.- Arkitekturdagen 2014. Bergen, Norway.
 2014 Sep.- INE Knowledge Week. Inter American Development Bank. Virginia, Usa

Spain.
 2013 Jun.- La ciudad amable. Málaga Architecture School, Spain.
 2013 Jun.- International expert in the Master Class within the 'Urban' publication, Brussels, Belgium.
 2013 Jun.- Participation at the Cagliari Literary Festival Leggendo Metropolitano

Spain.
 2012 Jun.- Lecture (IN) SOS at the School of Architecture of Granada, Spain.
 2012 Apr.- Lecture and workshop hosted by Stavanger Kommune, Norway.
 2012 Mar.- Lecture at the Norwegian Landscape Architects (NLA) Annual Meeting. Gjøvik, Norway.
 2012 Mar.- Copenhagen Sport vision 2012. Financing & Health Track. Copenhagen, Denmark.
 2012 Feb.- Lecture & Workshop. Competition Bab Al Bahrain. Ministry of Culture of the Kingdom of Bahrain. Manama, Bahrain
 2012 Feb.- MED_URBAN Mutación y Proyecto en el Espacio Ciudad Mediterráneo. Univ. Europea y Fnac. Madrid, Spain.
 2012 Feb.- Lecture at the Foro de Ideas Aleop, Murcia, Spain.
 2012 Feb.- Urban Social Design. School of Critical Engagement, Copenhagen, Denmark.
 2012 Feb.- DogA - Norwegian Centre for Design and Architecture, hosted by the Oslo Association of Architects, Norway.
 2012 Feb.- Lecture & Workshop. MA Design. ELISAVA School of Design and Engineering, Bcn, Spain.
 2012 Feb.- URBAN DESIGN CONF.: Conditions and Projections -Authorship and Collaboration. Harvard GSD. Cambridge, Usa.
 2012 Feb.- Lecture at the opening of 5th International Architecture Biennale 'Barbara Capocchin'. Padua, Italy.



2014 Jun.- World in Denmark 2014- Nordic Encounters. University of Copenhagen. CPH, Denmark.
 2014 Jun.- Foro Medioambiente EUROCLITIES. Málaga, Spain.
 2014 Mai.- Guest lecture. Arkitektur- og designhøgskolen i Oslo, Norway.
 2014 Fév.- Ciudad Open Source. Universidad Politécnica de Valencia. Valencia, Spain
 2014 Fév.- School of Architecture. Portland State University. Portland, Or, Usa.

2013

2013 Nov.- "Laboratori dal Basso". Workshop "Reuse-Newuse". Regional Government of Puglia. Bari, Italy.
 2013 Nov.- Lecture at the 'Sustainable Building' Conference. Tel Aviv, Israel
 2013 Oct.- From Ego design to eco-design towards network design. University of Toronto, Canada.
 2013 Oct.- From Ego design to eco-design towards network design. University of Manitoba, Canada.
 2013 Sep.- Keynote speaker at the workshop on city-building. City of Brussels, Belgium.
 2013 Sep.- Lund Architecture symposium. University of Lund, Sweden.
 2013 Jul.- More than green. International Summer course. University of Alicante,

Cagliari, Italy.
 2013 Jun.- Lecture and workshop. Identity City Lab- creating multiple urban identities. Linz, Austria.
 2013 May.- Lecture at the Days of Architecture, Common space, hosted by Architects Association in Sarajevo, Bosnia.
 2013 Mar.- Master in Landscape Architecture. Escuela Galega de Paisaje Juana de Vega, Coruña, Spain.
 2013 Feb.- Lecture Spazi per L'Apprendimento at the Loris Malaguzzi Foundation, Reggio Emilia, Italy
 2013 Jan.- Course in Participation and Contextual Understanding at the Universitetet for miljø- og biovitenskap, Norway.

2012

2012 Oct.- Lecture Urban Social Design at Harvard Gsd
 2012 Oct.- Lecture at Clemson University. South Carolina, USA
 2012 Jul.- Lecture at the Faculty of Architecture PhD Program. Università degli studi di Camerino Ascoli, Italy.
 2012 Jul.- Lecture Una arquitectura para dentro de 10/100/1000 años University Rey Juan Carlos, Spain.
 2012 Jun.- Lecture hosted by the North Norwegian Architects Association, Tromsø, Norway.
 2012 Jun.- Lecture at the Master's Degree in Collective Housing. ETSAM, Madrid.

2011

2011 Dec.- Lecture at BAS (Bergen Architecture School). Bergen, Norway.
 2011 Jun.- Spring Lecture Series. Bezalel School of Architecture. Jerusalem, Israel.
 2011 Jun.- MASTER CLASS METROPOLIS 2011 | CCCB. Barcelona, Spain.
 2011 Jun.- Lecture at École Nationale Supérieure d'architecture. Nancy, France.
 2011 Jul.- Urban Futures 2050. Urban Design and Arch. in the Post-Fossil Fuel City. Heinrich-Böll-Stiftung. Berlin, Germany.
 2011 May.- Urban Social Design lecture at Espacio SUR- Aula de Cultura Sur. Málaga, Spain.
 2011 Apr.- Symposia Series. Münster school of architecture. Muester, Germany
 2011 Apr.- Keynote Speech at EKODESIGN Conference. Istanbul, Turkey
 2011 Mar.- Lecture at Rebel Matters. Promoted by ADD (Scuola di Dottorato in Architettura e Design). Genoa, Italy.
 2011 Mar.- Lecture at the Eco week. Adolfo Dominguez Foundation. Madrid, Spain.

(...)

2

SUMMARY OF ACTIVITIES

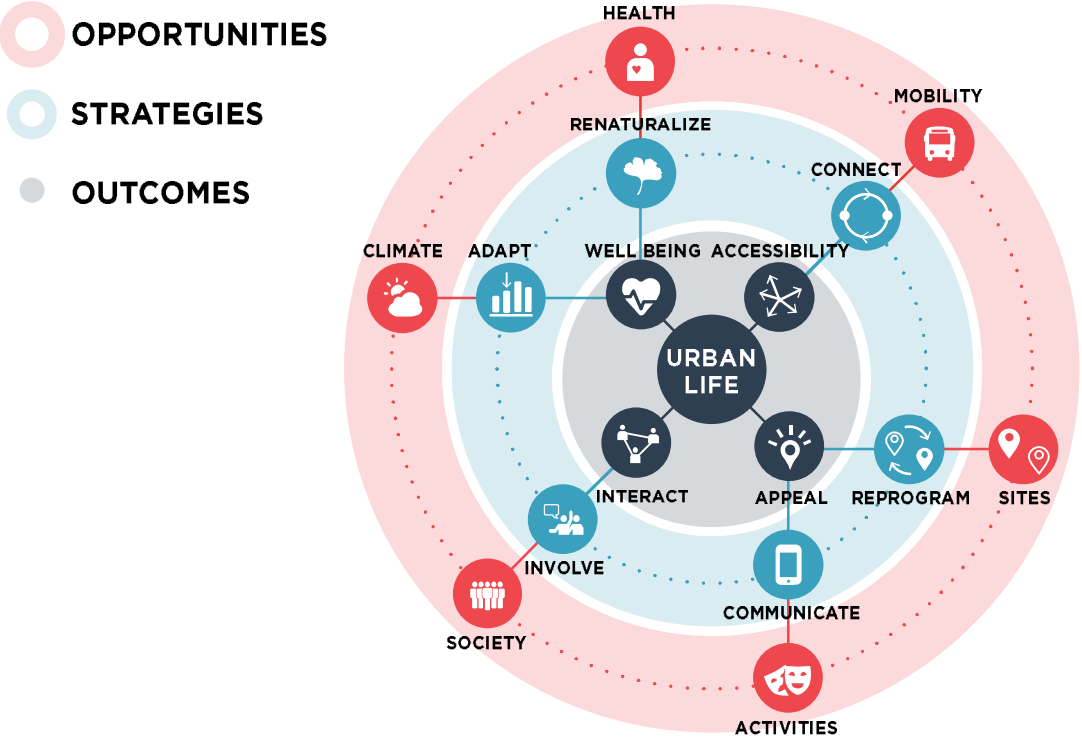
TAKING THE MOST FROM LOCAL OPPORTUNITIES TO DEFINE AN OVERALL STRATEGY THAT TRIGGERS THE CHANGE

CHARLESTOWN NAVY YARD is an extraordinary opportunity to **reconnect the city to the water**, making good use of this spectacular location.

The goal is to **create a stronger and more appealing relationship with the water**. This unique feature will attract people to visit and to enjoy a wide range of aquatic activities and climatic environments.

The waterfront will be active, continually changing day and night. It will host diverse outdoor spaces that are comfortable year-round, each one in an extraordinary context with **gorgeous views** and the capacity to foster different activities. This new urban environment will **blur the line between the city and the water, bringing nature back to the city center**.

Our approach consists in studying the opportunities existing in the local context, assume them as values and key factors to implement **6 complex strategies**: renaturalize, connect, adapt, involve, communicate and reprogram. The proposed activity plan is a practical tool to achieve the implementation of these strategies. The expected outcomes are the 4 main ingredients to activate the urban life of the Charlestown Navy Yard: well being, accessibility, interact and appeal.



*The Harborwalk:
expanding the limit
of the city towards a
new soft border*



Our approach to the project implies understanding Charlestown and Boston area as a whole from urbanistic, cultural, social, economic and environmental perspectives. Charlestown Navy Yard clearly shows its great potential, but also its needs for improvement: For better connection with the rest of the city; for a more water connected vision of possible future development; for social inclusiveness and diversity; for an expansion in urban density to achieve sustainable levels of activity; for resiliency against climatic, social or economic impacts; for improvement accessibility and public spaces of comfort; for innovation in combining and addressing all of these aspects in the best possible way.

These challenges require a holistic approach. We believe that introducing a series of activities connected with the local opportunities contribute to ambitious strategies aiming directly to light an accessible, healthy, appealing and interactive ur-

ban life. The existing Harborwalk offers a unique opportunity to experience the waterfront between water and ground. However its currently lack of attractiveness and amenities, in particular in certain sections of the waterfront, does not provide an extremely convincing reason for residents or visitors to walk along its three miles.

Through different scale interventions, distributed along the Harborwalk reflecting social, economic and environmental criteria, it would be possible to include this path in the Boston's urban life routes. The Story loops, already defined in the *Waterfront Activation Network Plan*, are an excellent way to characterize each section of the Harborwalk in order to reconnect it with the rest of the urban tissue and to ensure that each part of it has the necessary appealing and attractive facilities to ensure the successful transformation of Charlestown Navy waterfront into a dynamic and engaging urban public infrastructure.

1 WATERSCAPES

CHARLESTOWN NAVY YARD WATERFRONT: AN OPPORTUNITY TO CREATE OPEN, ACCESSIBLE AND SURPRISING PUBLIC WATERSCAPES

A LIVELY AND INTERACTIVE URBAN WATERSCAPE

We imagine the Charlestown Navy Yard Waterfront as an accessible area, open to citizens and tourists alike, bustling with diverse people and activities all year long. A waterfront open full of unique attractive places and innovative urban ex-

periences. A healthy and comfortable area suitable for everyone, with spaces for children and elders, spaces to rest, play, work, dine, meditate or meet with other people. An area people want to live in and visit.

INTRODUCING FUNCTIONAL MIX

The industrial soul of Charlestown is still an evident heritage of past centuries. Combining the high touristic vocation of the area and the new opportunities for best quality public spaces with new commercial and productive uses will be a key

factor for the reactivation of the Navy Yard waterfront. The variety of uses will increase the “urbanity” and the level of economical resilience of the area, attracting new investments without losing the historical character of the Navy Yard.

BOOSTING YEAR ROUND ACTIVITIES

A limitation in the use of outdoor public spaces could be the seasonal use of certain facilities. This issue could be addressed by reducing the impact of adverse climatic conditions, especially during the winter season, when people are discouraged to

visit the waterfront due to the low temperatures. Flexible and temporary structures, responsive architecture, bioclimatic conditioning of public space are some of the possible strategies allowing a year round use of the waterfront.

GENERATING A LONG TERM VISION TO FOSTER URBAN CATALYZER

Charlestown Navy Yard is already known in Boston for its attractive spots, as the Freedom Trail and the National Historic Park; moreover, new and polarizing facilities as the Spaulding Rehabilitation Hospital appeared lately. However the great

potential of the area is still underexploited. By introducing several multifaced activities in strategic points of the area, operating urban acupuncture interventions, it would be possible to create urban catalyzers able to reactivate the Yard.

ADOPTING AN ECOLOGICAL AND PEDAGOGICAL APPROACH

All technologies and strategies should be conceived to be seen, understood and even controlled or modified by different urban actors, bringing open knowledge to the city. The transformation of Charlestown Navy Yard can become an international example. A pilot experience for attracting visi-

tors and future citizens, and a case study on how to create unique urban waterscapes combining nature and technology. Environmental design, when made visible and self-explanatory, can become an educational experience for citizens and a source of valuable data for professionals and researchers.



2 SEASONAL STRATEGY

ACTIVATING PUBLIC SPACE FOR BOTH WINTER AND SUMMER SEASONS

How can urban space react to, and take advantage of, the cyclic changes of weather and climate that affect Boston? What strategic connections can be defined between the waterfront, the piers and the changing conditions of the area in order to establish new bonds between nature and urban life? How can we design a space that creatively responds to these fluctuations?

Climate, not only does not limit the possibilities of use of public space, but should become an important element to be considered as a project tool:

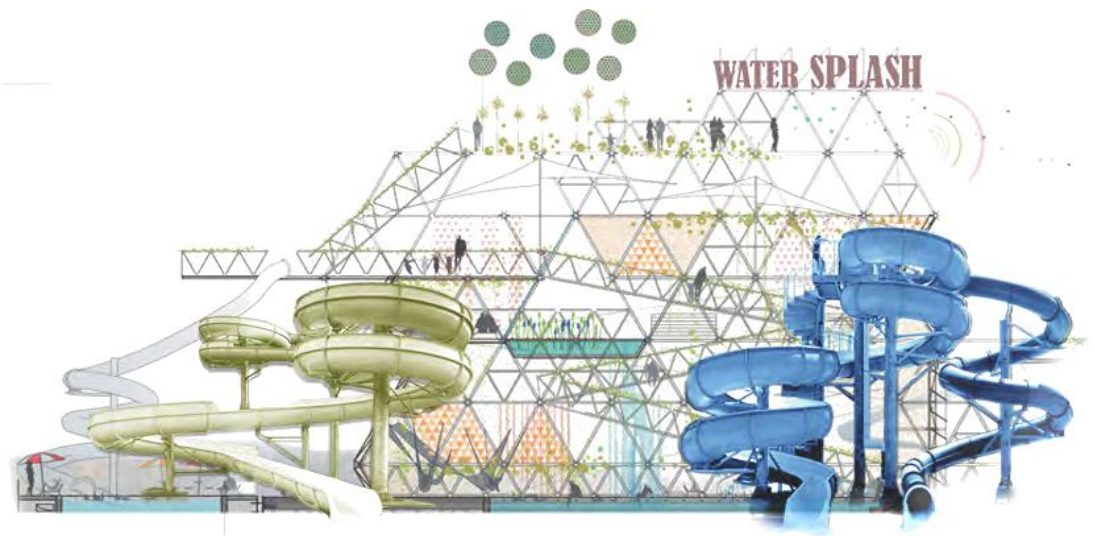
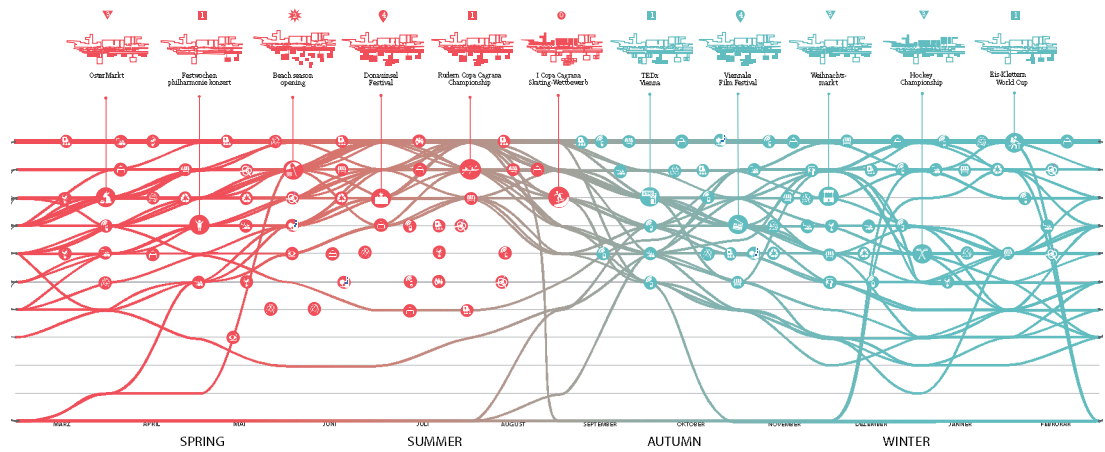
shade, sunlight, water, ice, breeze, and Boston's extreme temperatures should trigger the conceptual design in order to define programs that can be accommodated throughout the year.

Flexible and responsive solutions, changing configurations, appearance change, etc... will attract different uses and users in different times of the year, as well as during day and night. We believe this adaptability and flexibility will be key factors in defining year-round active spots in Charlestown Navy Yard.



Seasonal strategy was adopted by Ecosistema Urbano in Dreamhamar project for the city of Hammar, Norway. The social ring is used as event amphitheater with water features during summertime, while during winter it is used as an ice ring for public ice skating activities.





Seasonal strategy has been adopted by Ecosistema Urbano also in the project for the reactivation of Copa Cagrana area in Wien, Austria. An ice pier climbing sports oriented activates the waterfront during winter, while a water pier allows different bathing experiences throughout the year.

3 PLAYFULNESS

NAVY YARD WATERFRONT: A MYRIAD OF POSSIBILITIES FOR LEISURE ACTIVITIES

The physical configuration and the extension of the Navy Yard allows the incorporation of new leisure activities. The possibilities to reactivate the area are almost infinite; we can easily imagine different public spaces, open air cultural events or interesting amenities with several atmospheres and specific functions, transforming the Yard into a landmark, not only for the nearby communities,

but for all the Boston area and beyond. The choice of the most appropriate activities for the different focal points of the Navy Yard will depend on a series of factors, such as: the potential partnerships with active local associations, the identification of specific needs in the area and the whole Boston area, or the available economic resources for a short term implementation test, to mention a few.



CLIMBING PIER
Natural pool with climbing features emerging from the water. Combine climbing and cannonballs!



RAIN PLAZA
Light dome canopy containing playful and interactive artificial rain system. You can't stop the rain! (or can you?)



PUBLIC ART DOCK
An iconic interactive sculpture combined with the waterscape creates an unforgettable photo op. #Selfie!



AQUATIC SPORTS PLAZA
Active urban spot to practice various aquatic recreational activities. Keep calm and paddle on!



THERMAL PLAZA
Open thermal bath experience with pools of different sizes and temperatures. Indulge in your new city spa!



FOGGY HARBORWALK
Interactive fog and breeze installation generating artificial clouds and creating different atmospheric experiences. Feel the weather!



CLOUD FOREST HABITAT PLATFORM
Botanical cloud forest dome with seasonal hanging gardens and diverse weather experiences. Breathe in nature!



MINDFULNESS GARDEN
Relaxing setting with a strong presence of nature to enjoy yoga, taichi, meditation.... Find your chi!

Docks, Piers, Floating Surfaces, Parks, etc. Every spot at the Navy Yard is a great opportunity for new activities!



ICE SKATING LINE

A winter skating experience that transforms the urban environment in the setting of an unforgettable adventure. Enjoy the ice, enjoy the bay!



CULTURAL TERRACES

Expanding the border between water and land and fill it with, projections, exhibitions and cultural activities.



LANDSCAPE ART

Immersive land art installation generating a playful interaction between the city, the aquatic landscape and people.



AQUARIUM PLAZA

Aquarium pool with natural habitat for local marine species and vegetation. Unique urban diving experience!



SANDY PLAZA

Dunar landscape with playful sandy mountains. A new way to experience the sand between your toes!



SPORTS GROUND

A multisport facility to practice anything from basketball to ultimate frisbee. Get ready to play!



ART FOREST

A shady open air museum for displaying public art and enjoying the playful swings or the relaxing hammocks. Take a cultural break!



AQUATIC PLAZA

Natural pool with surrounding hanging gardens creating an urban beach experience. Enjoy the city while swimming!



SPLASH PIER

Natural pool with winding water slides to experience the landscape while gliding through the water. Urban splash!



PLAYSCAPE PLAZA

An unconventional playground for children and adults alike. Don't forget to play!

4 INCREMENTAL GROWTH

THINK BIG. START SMALL. ACT NOW.

We propose a flexible activity plan, by which the dynamization of the Charlestown Naval Yard is guaranteed through different steps and with the involvement of different stakeholders. Instead of defining a final plan at stage one, we believe that a more tactical approach is necessary in this context. We propose an incremental development, in which the first stages will be temporary testing

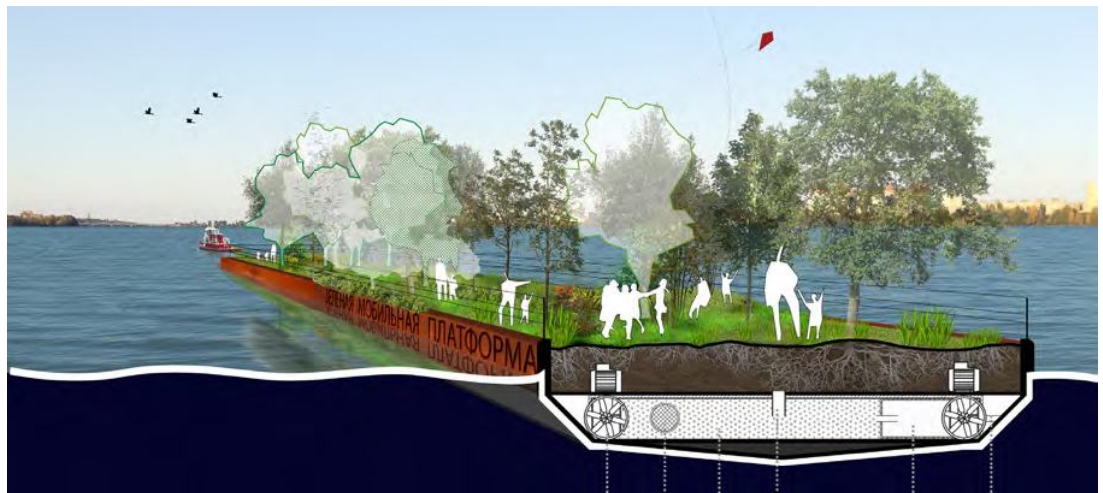
experiences or mock ups of possible configurations and programs. These preliminary activities will help to shape the definition of a final plan and what the final project could be like. By the end of the testing process only the most successful and appreciated activities will be selected for a permanent implementation, requiring the construction of the infrastructure needed.



Ecosistema Urbano has a great expertise in placemaking and temporary reactivation of public space through participative urban actions and playful installations.

*In the pictures:
Top: Light Hamar, urban action in the framework on the project Dreamhamar, in Hamar, Norway.*

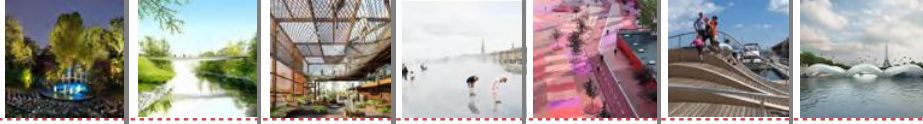
Bottom: Floating mobile cleaning infrastructures for Voronezh Sea Revitalization project, Voronezh, Russia.



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5 LAND + WATER INTERACTION

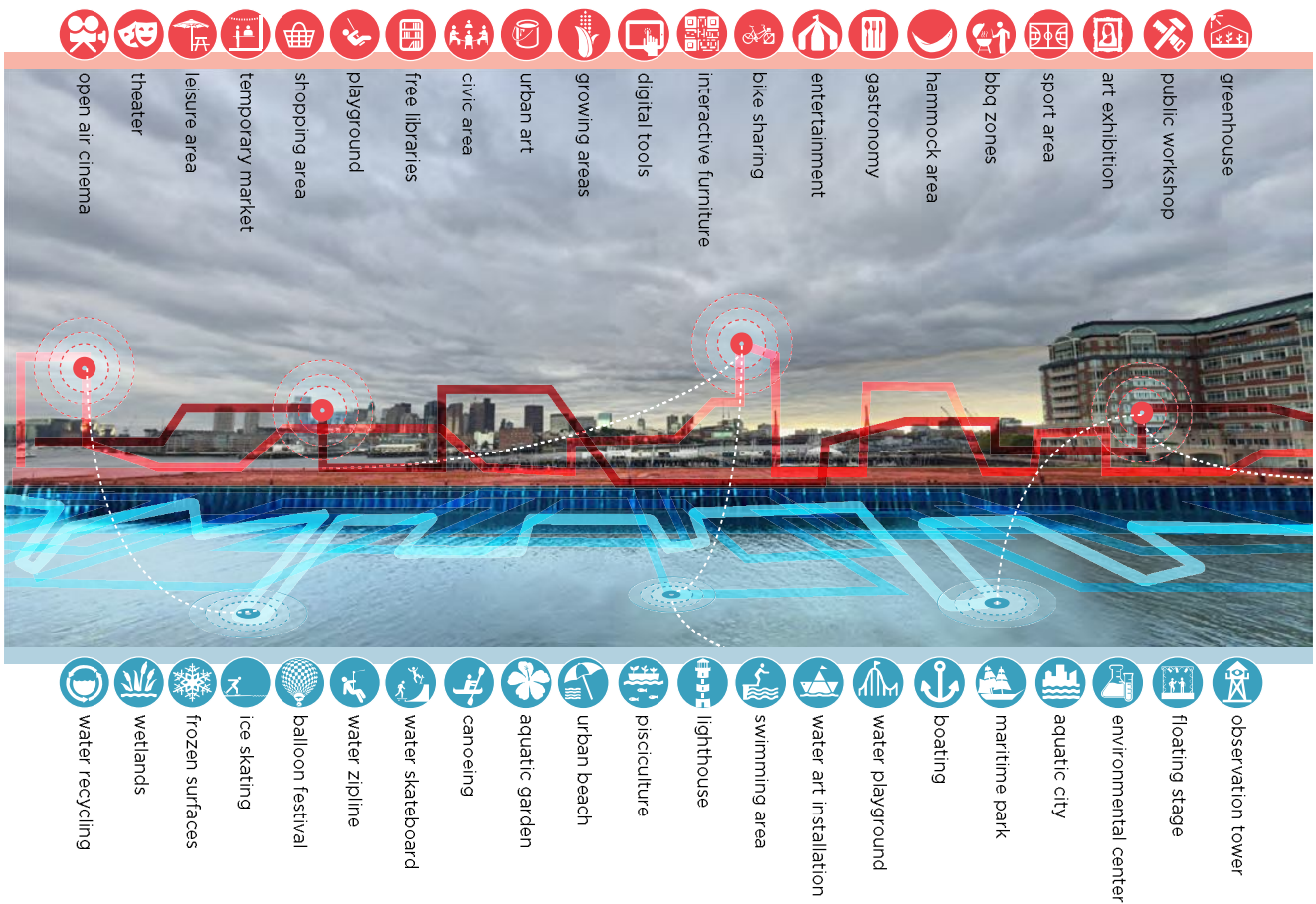
PIERS: STRIPS OF LAND INTO THE WATER. THE PERFECT SETTING FOR OUTDOOR AND AQUATIC ACTIVITY.

Interventions on piers represent a great opportunity for the area. They appear as existing infrastructures asking for new and surprising uses. Locally and internationally, there are numerous examples of how piers can be redeveloped to allocate multiple functions: cultural facilities, housing, amusement parks, leisure, sports facilities, water interaction and bathing possibilities, etc.

As the site has a few piers, they could be redeveloped thematically, incorporating different programs acquiring, each of them, a unique character

and atmosphere, each one with a specific function and an impact on the urban life and the whole waterfront. The implementation plan could respond to the social context enabling a public participatory process to decide which thematic piers could be more relevant and appealing for the city.

Boston, although being a water city, does not offer that many water interaction possibilities, for which the redevelopment of this area could be a significant intervention for the city and its own identity.



*A lively and interactive
waterscape in a closer
connection to nature*



DRY DOCKS: STRIPS OF WATER INTO THE LAND. AGAIN, THE PERFECT SETTING FOR OUTDOOR AND AQUATIC ACTIVITIES.

These docks are an interesting historical remaining that can be creatively redeveloped. By the introduction of new programs, they can become public spaces and infrastructures but also

have a pedagogical role telling about the history of the place and its shipbuilding and rope production industries from the past.



New flexible civic and cultural spaces embedded in the landscape



6 ENGAGING THE COMMUNITY

BUILDING A NETWORKED COMMUNITY AROUND THE CHARLESTOWN NAVY YARD WATERFRONT

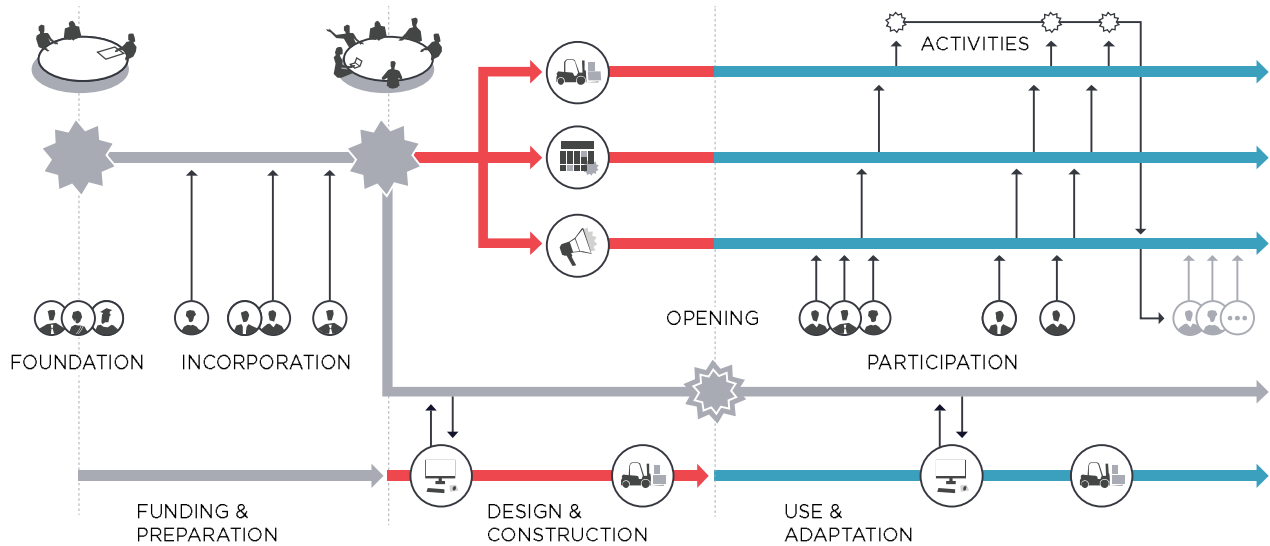
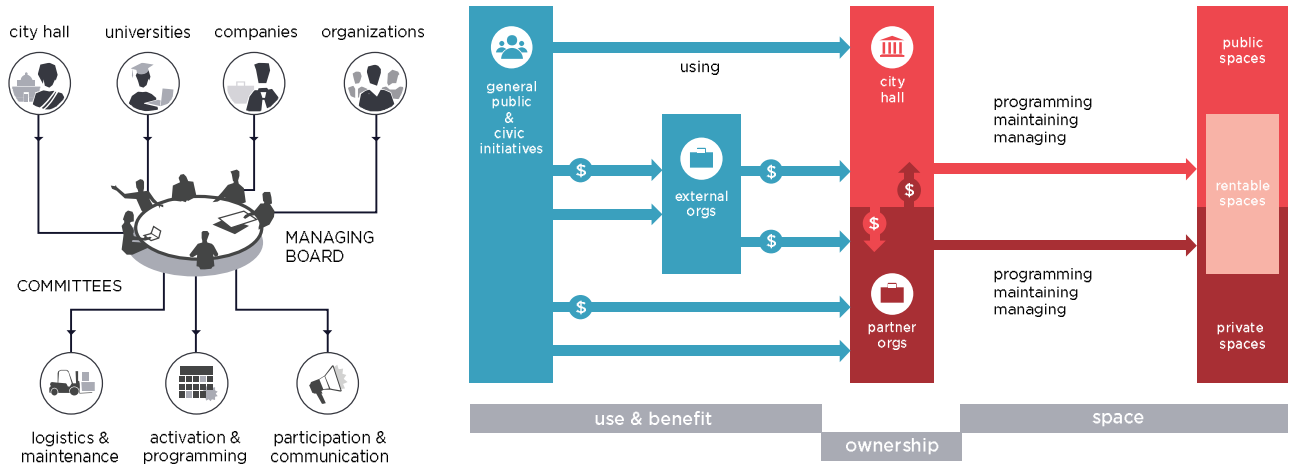
At Ecosistema Urbano we believe that cities are created and maintained by people for people, and urban development only makes sense when the community cares about it. We work to empower the communities to drive the projects that affect them, so social relevance is guaranteed. For the activation of Charlestown Navy Yard we propose an intense and interactive participative process, where future users and relevant actors are involved in the process of urban regeneration since the

very beginning, ensuring a more inclusive intervention. Over the years we have developed multiple participatory processes, engaging different focal groups: university students, school children, entrepreneurs, city and government officials, etc... through a number of activities: workshops, urban actions, seminars or charrettes. We design specific formats to better work with the different groups and to make the results as relevant and meaningful as possible.



Urban actions developed by ecosistema urbano in the framework on the project Dreamhamar: Painthamar, Creamhamar, Greenhamar, Arthamar. Hamar, Norway.

An open process for a more inclusive activation of Charlestown Navy



7 PHYSICAL-DIGITAL

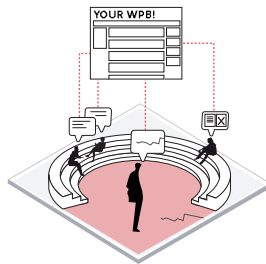
CHARLESTOWN NAVY YARD WATERFRONT: AN OPPORTUNITY FOR A PIONEER EXPERIENCE IN PHYSICAL-DIGITAL INTERACTION

The new waterfront of Charlestown Navy Yard could become one of the first truly augmented public spaces in the world. People will be able to interact with the physical space in innovative ways, either from their own mobile devices or through simple interfaces included among the urban elements, using off-the-shelf technologies like sensors, controllers, standard connection protocols, mobile applications and other common compo-

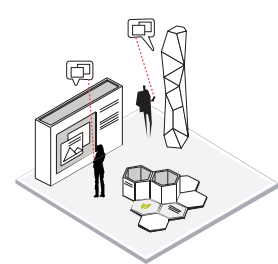
nents arranged in new ways. Enabling a digital layer for information, control and communication opens a wide new range of possibilities for responsive and actively controlled public spaces. This can be accomplished, not by building an automated 'smart city', but by empowering a generation of conscious 'smart citizens' that use their digital data and tools to adapt their urban environment to their own needs.



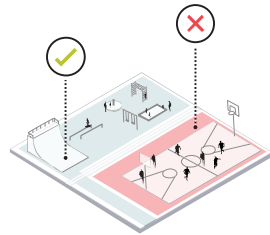
CONNECT AND RECHARGE
WiFi-enabled elements give access to services and info (events, etc.).



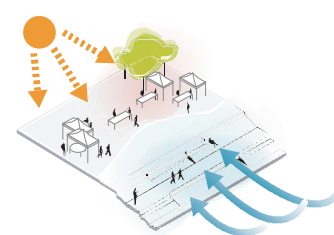
PARTICIPATION
Making suggestions, reporting damage, voting proposals. Improving the city together.



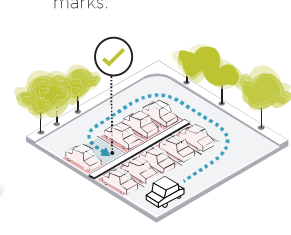
SOCIAL INTERACTION
Users can view/publish digital pictures or messages attached to places, objects and landmarks.



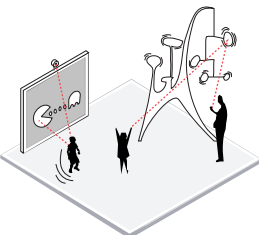
BOOKING
Book spaces like: courts, sport fields, rooms, etc.



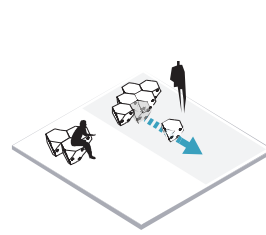
WEATHER CONDITIONS
Find what area along the waterfront is the most comfortable.



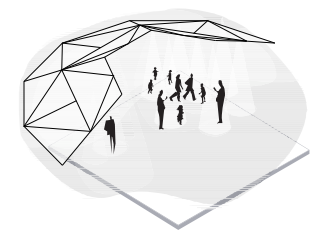
PARKING SPACES
Easily find the closest empty parking space in the area, identify free parking lots, etc.



GAMING, ART AND EDUCATION
Playing games and interacting with art installations or with educational experiences.



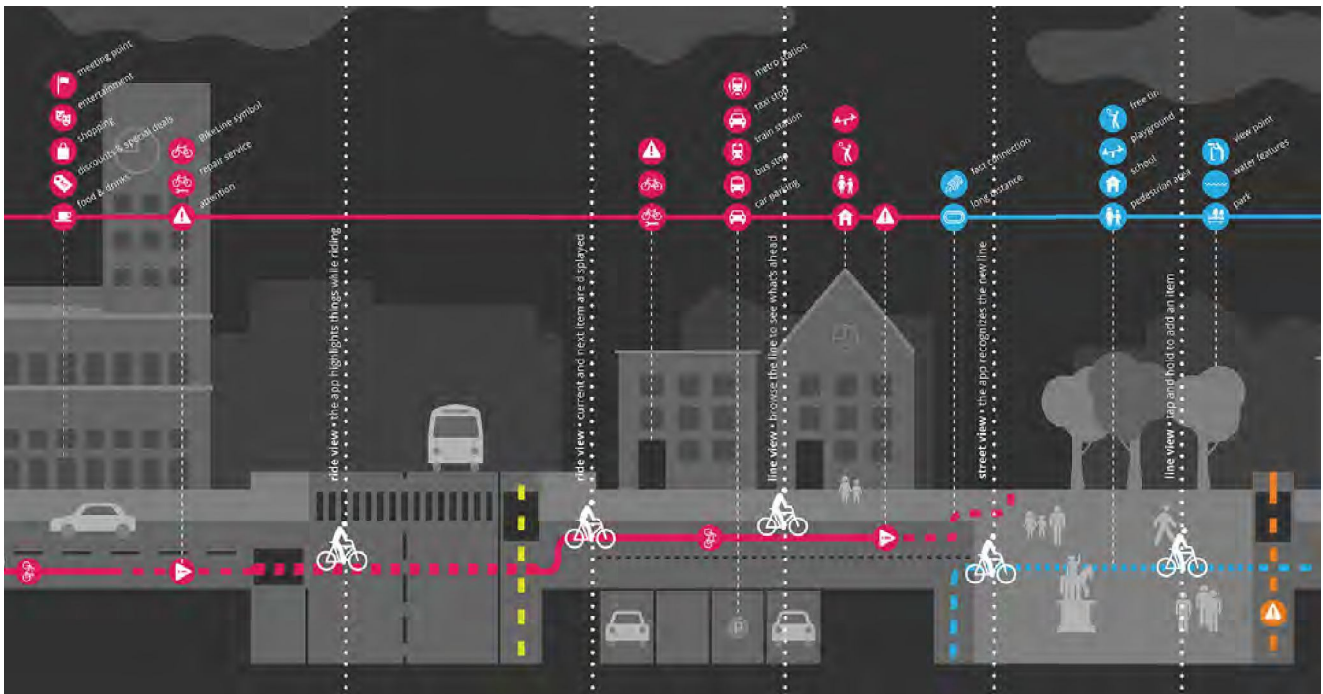
MOVABLE FURNITURE
Unlock and use seats, umbrellas, deck chairs, etc. with your phone.



LIGHT CONTROL
Lighting conditions can change by activity, number of people and user's desires.

A specific physical-digital interaction strategy has been developed by Ecosistema Urbano for the project Open Shore for the reactivation of the waterfront of West Palm Beach, Florida.

*Interacting with devices
and interfaces to open up
urban reality*



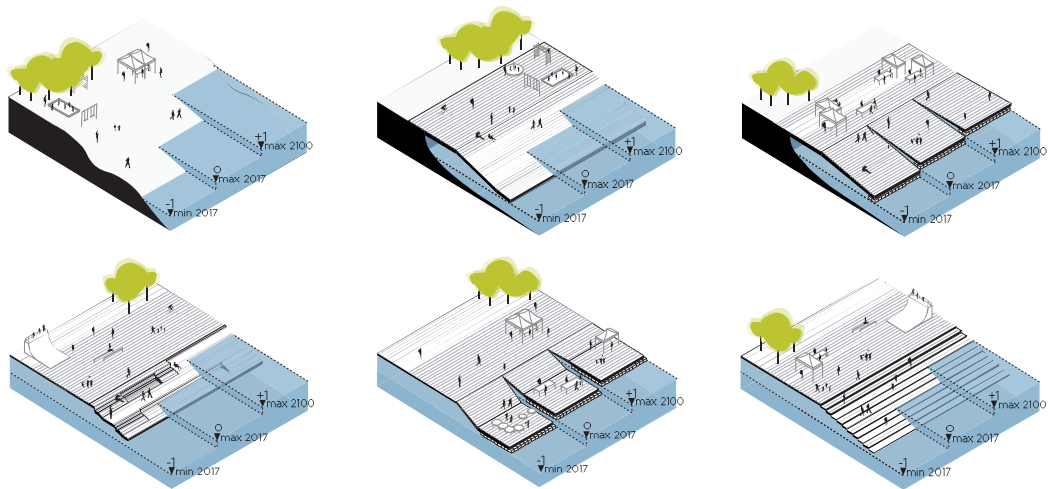
8 DESIGN FOR RESILIENCE

RESILIENCE AND ADAPTATION: APPROACHING CLIMATE CHANGE THROUGH DESIGN

The waterfront is designed to adapt the estimated three-foot rise in sea level over the next century. By working with topography it is possible to build a waterfront that remains usable regardless of the sea level, even in the case of very high tides. Furthermore, the variations make the space evolve over time and become more interesting: enlarging and shrinking depending on the time, the day and the year; hiding or showing parts of the topography; creating surprising interactions, etc.

In terms of resiliency, another important factor is the preparation of all the urban elements for extreme weather events like storms and hurricanes.

All of the structures are designed to resist strong winds by means of their shape and flexible behavior. They are also conceived to be removable in case of need, and to allow a rapid and affordable repair in the event of damage.



A specific strategy to provide solution to water rise level has been developed by Ecosistema Urbano for the project Open Shore for the reactivation of the waterfront of West Palm Beach, Florida.



4

ORGANIZATION, PROGRAMMING AND SERVICE DELIVERY

ECOSISTEMA URBANO'S SERVICES

URBAN ACTIVATION STRATEGY CONSULTANCY:

Due to our international experience in urban design and reactivation plans, we believe we can provide a precious contribution in the definition of strategies, actions and process to be undertaken for a successful intervention. At ecosistema urba-

no we know that in order to activate a complex area such as Charlestown Navy Yard it is necessary to involve different actors and consider several topics (society, economy, climate, mobility, etc) in a holistic approach. We are specialists in doing so.

DESIGN AND ARCHITECTURE:

We believe that the most direct way to enable the activation of the Navy Yard is by operating by punctual, yet strategic interventions. In achieving positive results, good design has a key role. As specialists in public space and environmental design, we are thrilled by the unique opportunity that the activation of Charlestown Navy Yard represents.

We believe our contribution as architects to the reactivation process could be relevant not only in the definition of the final design of specific projects, but also during the previous phases of testing and ephemeral interventions. Research and innovation are our base ingredients to design flexible and responsive architecture.

PARTICIPATORY PROCESS:

It would be impossible to imagine such a big urban transformation without involving citizens and future users. An inclusive participatory process is absolutely necessary to guarantee a successful activation of the Navy Yard. At ecosistema urbano we have developed an experienced methodology that

we implemented since the beginning of our practice all over the world. Projects as *Dreamhamar* are globally known for being pioneering participatory and network design processes to transform public space.

DIGITAL STRATEGY:

The relationship between physical reality and digital layers is nowadays a fundamental aspect that has to be taken into account by space designers. Mutual influences between these two spheres change completely the way our cities are perceived and experienced. Ecosistema urbano is fully

engaged with the research and the experimentation in the field of digital-physical interaction since the very beginning of our practice. We have developed app, created digital identities of cities, and designed augmented public spaces.



TEAM AND TECHNICAL RESOURCES

Ecosistema Urbano's headquarters are located between Madrid, Spain, and Boston, USA. However the international profile of the firm as well as the location of projects in countries all over the world, create possibilities for temporary branches of the office in a large number of places. Main office is located in a 180 square-meters office in the center of Madrid. The office has been fully renovated and refurbished by Ecosistema Urbano.

Ecosistema Urbano has more than 15 permanent workstations with computers and all the technological resources required.

Moreover Ecosistema Urbano has the support of specialists in different fields, as urban sociology, geographical information systems and urban research.

TECHNICAL RESOURCES

- 17 workstations with fiber optic connection.
- Private server connecting all computers.
- 2 printers, A4 and A3 size. Phone and fax.
- 1 injection plotter A1 size HP T1100
- Projector
- Several photo and video cameras.
- Professional software
- Web server with self-hosted websites

PERSONAL RESOURCES

For the preparation, development and support of its work, Ecosistema Urbano has a multidisciplinary team described below:



PRINCIPALS:



Belinda Tato

Education: Bsc and Masters in Architecture and Urban Design (1999) ETSAM. Universidad Politécnica Madrid, Spain. Thesis with grade of Distinction.

Bsc in Architecture (1997) Bartlett School of Architecture, University College London, UK.

Co-founder and co-director of the firm Ecosistema Urbano established in 2000 in Madrid. Lecturer and visiting professor in many of the most important institutions and universities worldwide. Responsible for urban strategies and the development of new and innovative participatory tools. Since 2010 she is faculty at the Architecture and Urban Design Department at Harvard University's Graduate School of Design.



Jose Luis Vallejo

Education: Bsc and Masters in Architecture and Urban Design (1999) ETSAM. Universidad Politécnica Madrid, Spain. Thesis with grade of Distinction.

Bsc in Architecture (1997) Bartlett School of Architecture, University College London, UK.

Co-founder and co-director of the firm Ecosistema Urbano established in 2000 in Madrid. Lecturer and visiting professor in many of the most important institutions and universities worldwide. Expert in bioclimatic solutions, energy efficiency architecture and technical supervision of construction. Since 2010 he is faculty at the Architecture and Urban Design Department at Harvard University's Graduate School of Design. In 2017 Jose Luis Vallejo has taught at the Urban Planning Department at Columbia University GSAPP. New York, Usa.

CLIENTS

The diversified profile of Ecosistema Urbano, due to their great number of experiences and high level of professional competence, make possible a wide range of clients. While for urban and territorial projects Ecosistema Urbano's clients are mainly municipalities and public institutions, their architectural and interior design projects are

commissioned by private entities and companies, such as Regus International, the Reggio Children Foundation, the Spanish Meteorological Agency (AEMET), the world's leading integrated steel and mining company ArcelorMittal, and the CDTI-National Industrial Center for Technological Development.

Our clients include:

- + West Palm Beach Community Redevelopment Agency
- + Van Alen Institute NY, USA
- + Municipality of Asunción and Ministry of Culture, Paraguay
- + Harvard University Graduate School of Design (GSD), USA
- + IDB - Inter-American Development Bank
- + Ministry of Culture of Bahrain. Manama, Bahrain
- + Ecology and water department of Voronezh, Russia
- + Hong Kong Design Institute, Hong Kong
- + Municipality of Rivas Vaciamadrid, Spain
- + Municipality of Encarnación, Paraguay
- + Foundation Madrid Global, Spain
- + UMA - University of Malaga, Spain
- + Municipality of Oslo, Norway
- + Municipality of Madrid, Spain
- + Government of the Bahamas
- + DAZ - Deutsche Architektur Zentrum, Germany
- + Municipality of Hamar, Norway
- + Municipality of Dordrecht, Netherlands
- + Regus International
- + Government of Galicia, Spain
- + Agence Nationale de Grands Travaux, Gabon
- + Société Publique de l'agglomération Dunkerquoise, France
- + Fondazione Reggio Children - Centro Loris Malaguzzi, Italy
- + Municipality of Odense, Denmark
- + Municipality of Aarhus, Denmark
- + Venice Architecture Biennale, Italy
- + Municipality of Seoul, Korea
- + CDTI- Industrial Center for Technological Development, Spain
- + Sociedad Estatal para Exposiciones Internacionales (SEEI), Spain
- + Municipality of Philadelphia, USA

- + Municipality of Guldborgsund, Denmark
- + BO-VEST, Denmark
- + Louisiana Museum of Modern Art, Denmark
- + Municipality of Fredensborg, Denmark
- + Bienal de Arquitectura, Arte y Paisaje de Canarias, Spain
- + Municipality of Maribor, Slovenia
- + Fundación Telefónica, Spain
- + Intermediae Matadero, Spain
- + Kiruna Kommun and LKAB, Sweden
- + Municipality of Berlin, Germany
- + ARPEGGIO, Spain
- + Agencia Estatal de Meteorología, Spain
- + Eulen, Spain
- + Municipality of Linz, Austria
- + Zaragoza Expo 2008, Spain
- + Bundesamt für Bauwesen und Raumordnung, Germany
- + Consorcio Valencia 2007, Spain
- + Arcelor Mittal, Spain
- + Municipality of Elda, Spain
- + Environment Secretariat of the Government of Mexico City, Mexico
- + Governor of México DF, Mexico
- + ACSE/URBACT SECRETARIAT, European Union
- + Association of Architects of Catalonia - COAC, Spain
- + Municipality of Fuenlabrada, Spain



5

PREVIOUS EXPERIENCE

OPEN SHORE

CLIENT: WEST PALM BEACH

DATE: 2016-2017

STATUS: FIRST PRIZE - ONGOING

PROGRAM: URBAN DESIGN PROJECT REIMAGINING DOWNTOWN WEST PALM BEACH AS A DYNAMIC, RESILIENT WATERFRONT CITY

SCOPE: URBAN REACTIVATION STRATEGY ADDRESSING TO THE WATERFRONT, THE BANYAN BUILDING AND ALLEYWAYS.

LOCATION:



PROJECT:

The project imagines the future West Palm Beach as a dynamic and inclusive downtown where activities and spaces are closely interwoven, providing access to a new urban waterscape, enhancing the city's connection to the lagoon and bringing infinite possibilities of urban culture, economic development and leisure. In this vision, the waterfront plays a key role as the most representative and attractive space, and the Banyan Hub becomes a forward-thinking epicenter for urban reactivation.

WATERFRONT

The new waterfront hosts a wide array of outdoor activities and public spaces that enhance the urban experience and multiply the possibilities of interaction with the water. The project takes into consideration the needs of youth and elders alike in order to make a positive impact on the city as a whole and create a healthier living environment for all residents and visitors. The ecological and resilient design proposed here allows people to enjoy a more comfortable environment all year round: by coordinating natural elements and bioclimatic devices, each space will be characterized by a specific microclimate matched to the activities that will take place there. This will also help reconnect people to nature and to the uniqueness of the Lake Worth Lagoon. This climatic comfort and range of activities will foster social interaction,

making the downtown more active and appealing.

BANYAN HUB BANYAN HUB

The former garage is reimagined as a new focal point for activities in downtown. It will be open to the public day and night, from the ground floor to the public roof terrace. It will have an active presence in the city, attracting business and talent to create knowledge, cultivate culture and foster innovation. Its flexible configuration will allow different uses to coexist and evolve in time, and its design will ensure pleasant environmental conditions all year round while reducing the environmental impact and management costs.

GREAT LAWN

The Great Lawn, already a central part to the city's life, will become the 'urban living room' of West Palm Beach, a place to celebrate big civic events and at the same time enjoy routine activities like resting, meeting, eating or even working in the comfort of a well equipped and conditioned public space. This space will keep a wide, green yet durable esplanade at the center, while adding a shaded and fresh environment around it and two new singular plazas providing an innovative relation between public space and water.



ECOSISTEMA URBANO

Activation of the Charlestown Navy Yard Waterfront

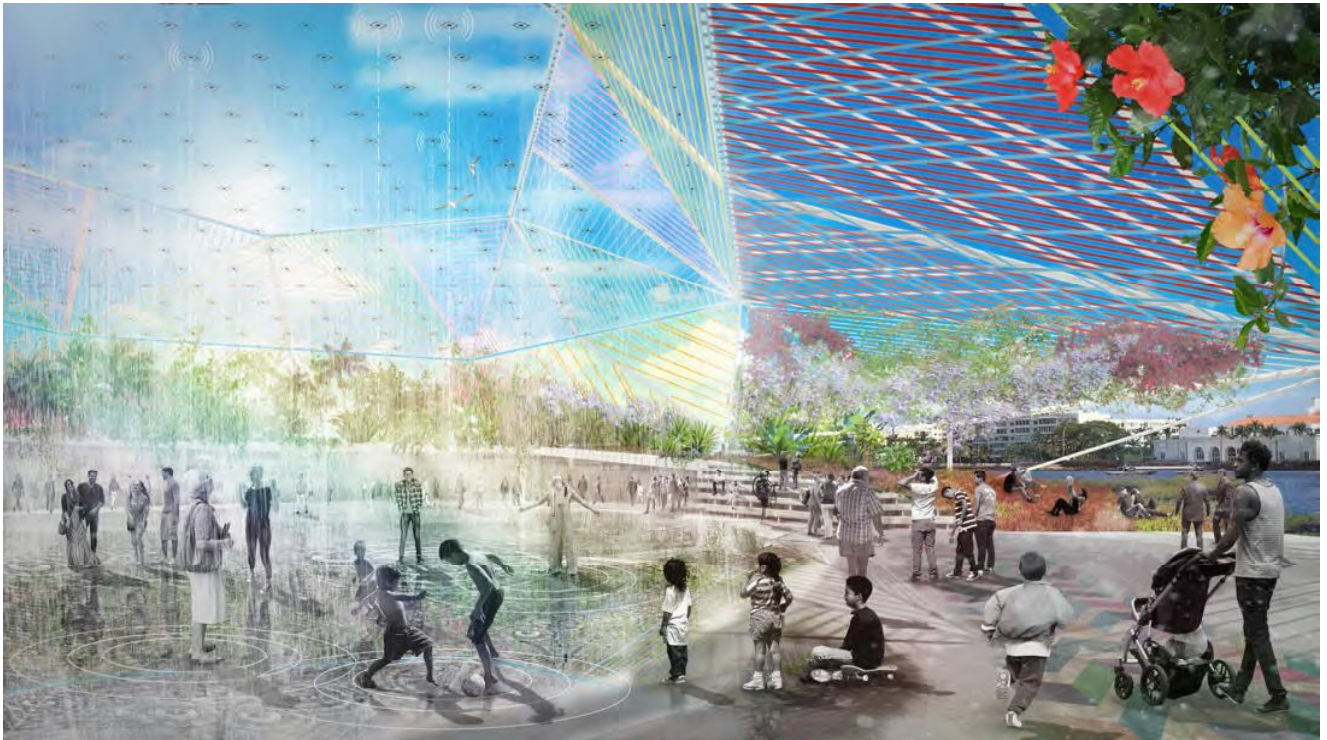
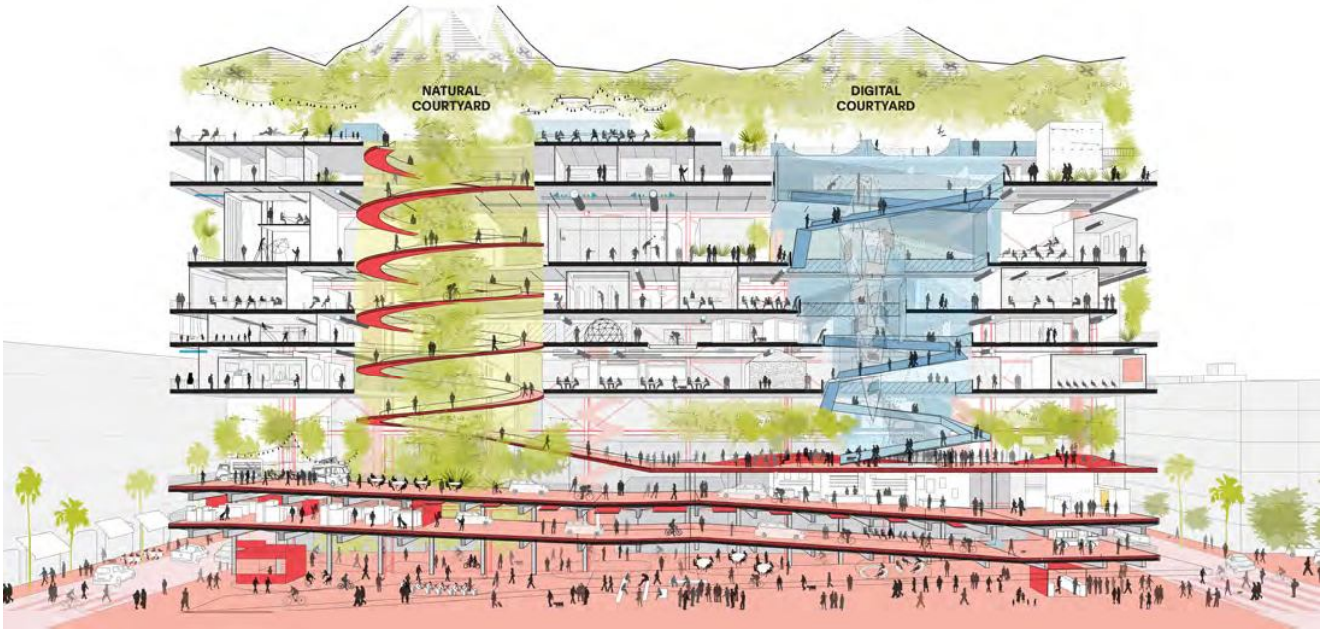


- 1 Landscape Art Plaza
- 2 Climbing Plaza
- 3 Aquatic Plaza
- 4 Mindfulness Plaza
- 5 Rain Plaza
- 6 Aquatic Sports Plaza
- 7 Splash Plaza
- 8 Thermal Plaza
- 9 Mangrove Plaza

- 10 Foggy Plaza
- 11 Aquarium Plaza
- 12 Cloud Forest Habitat Plaza
- 13 Public Art Plaza
- 14 Playscape Plaza
- 15 Sandi Plaza
- 16 Sports Plaza
- 17 Forest Art Plaza

- A Meyer Amphitheater
- B Multi-Use Urban Space
- C Chameleonic Plaza
- D Great Lawn
- E Palm Grove Plaza
- F Tidal Plaza
- G Banyan Hub
- P Passageways





ECOBULEVAR

CLIENT: MUNICIPALITY OF MADRID, EMVS

DATE: 2004-2007

STATUS: BUILT

PROGRAM: ECOLOGICAL BOULEVARD FOR A SOCIAL AND BIOCLIMATICALLY CONDITIONED PUBLIC SPACE

SCOPE: DESIGN, CONSTRUCTION DOCUMENT, ENERGY STRATEGY AND CONSTRUCTION FOLLOW-UP

LOCATION:



PROJECT:

Co-funded by the European Union (LIFE-2002 (ENV/E/000198)) and the EMVS.

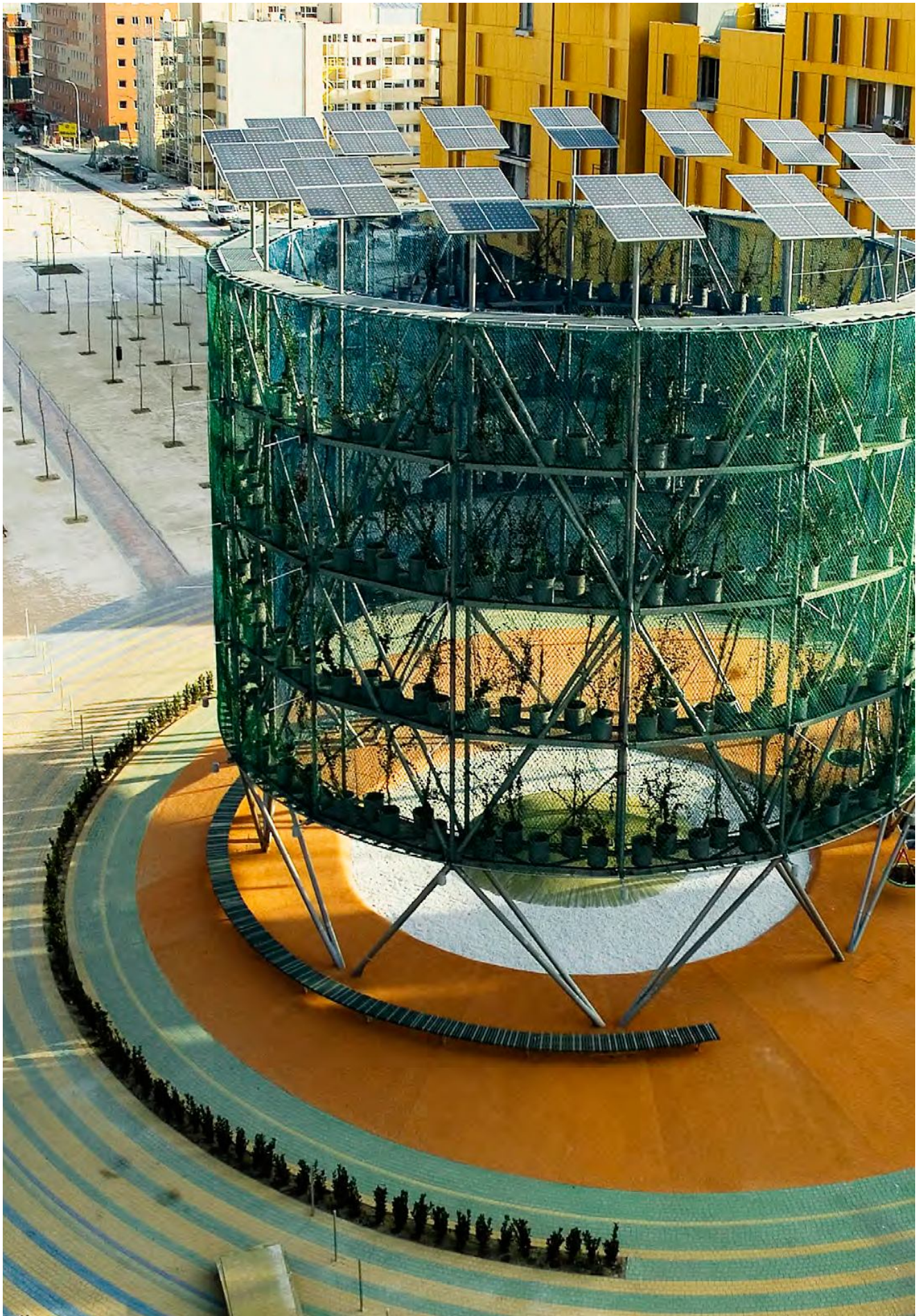
The Eco-boulevard in Vallecas can be defined as an urban recycling operation consisting of the following actions: insertion of an air tree-social dynamizer over an existing urbanization area, densification of existing alignment trees and reduction and asymmetric arrangement of wheeled traffic circulation. Superficial interventions reconfiguring the existing urbanization (perforations, fillings, paint, etc.) that defaces the executed kerb development.

There are two main objectives: one of a social nature, aimed to generate activity, and one of an environmental nature, the bioclimatic adaptation of

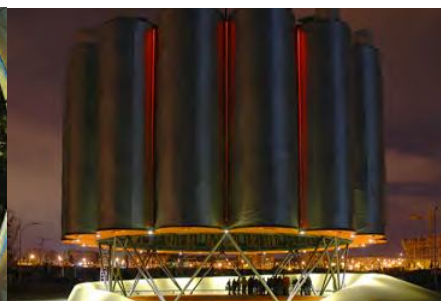
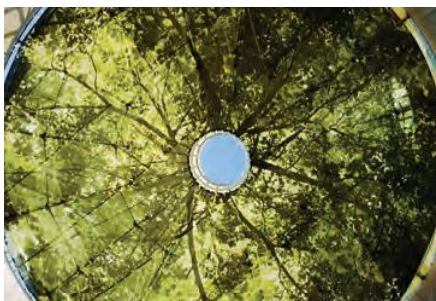
an outdoor space, achieved with a system of passive air conditioning based on chilling by evapotranspiration.

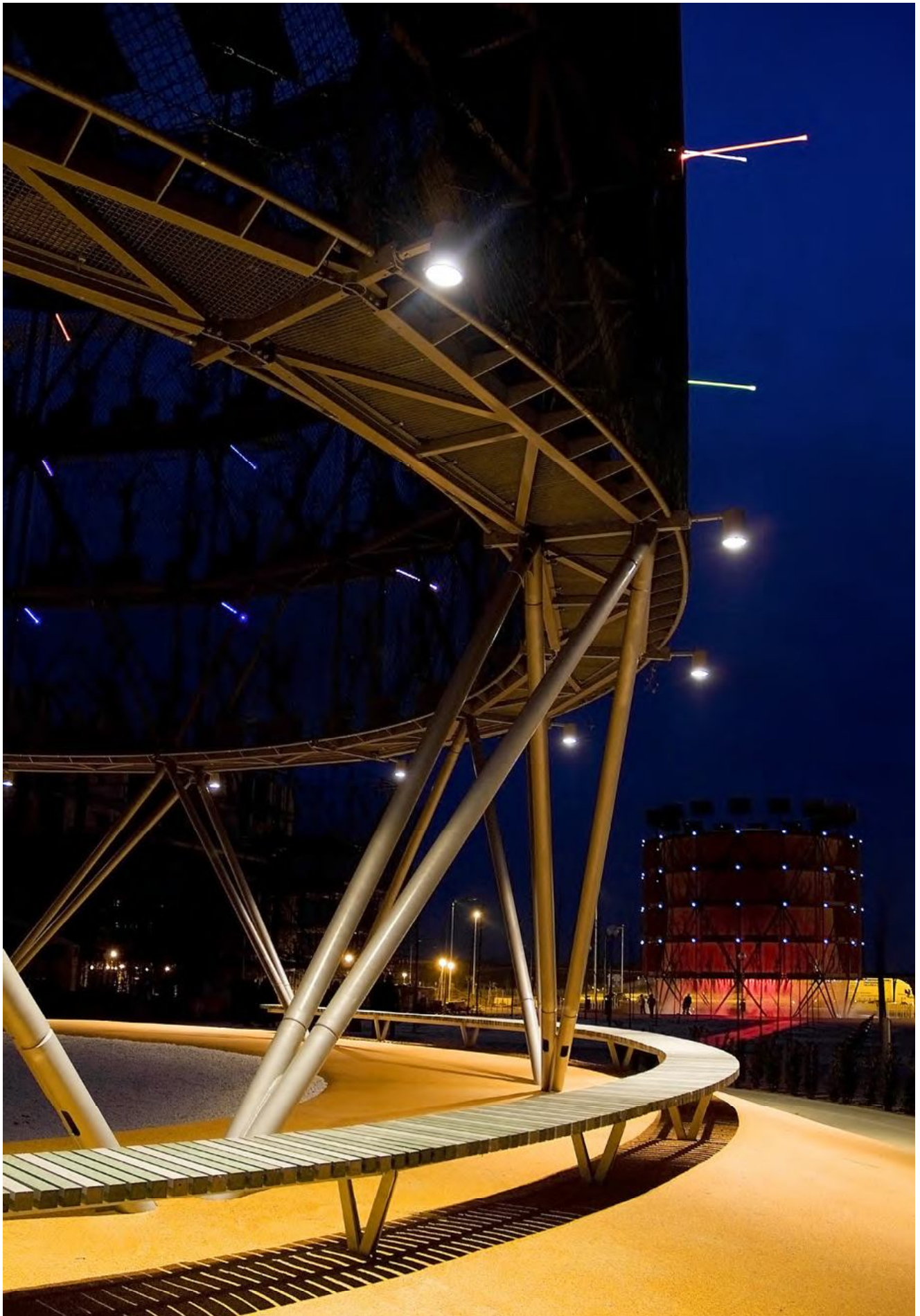
This system, commonly used in the green house industry, is capable of lowering temperature by around 10° C, depending on humidity conditions and temperature. The system goes into action when a temperature sensor detects temperatures above 27°C in its surroundings. It is particularly efficient with high temperatures and low relative humidity (typical conditions in Madrid during the summer).

The Air Trees are objects of an exportable nature, so they may be re-installed in similar locations or in other types of situations requiring an urban activity or reactivation.



Ecoboulevard, Ludic Tree





AIR TREE

CLIENT: FUNDACIÓN MADRID GLOBAL

DATE: 2009-2010

STATUS: BUILT

PROGRAM: PUBLIC SPACE AND OUTDOOR PAVILION FOR THE CITY OF MADRID DURING THE 2010 SHANGHAI EXPO

SCOPE: DESIGN, CONSTRUCTION DOCUMENT, ENERGY STRATEGY AND CONSTRUCTION FOLLOW-UP

LOCATION:



PROJECT:

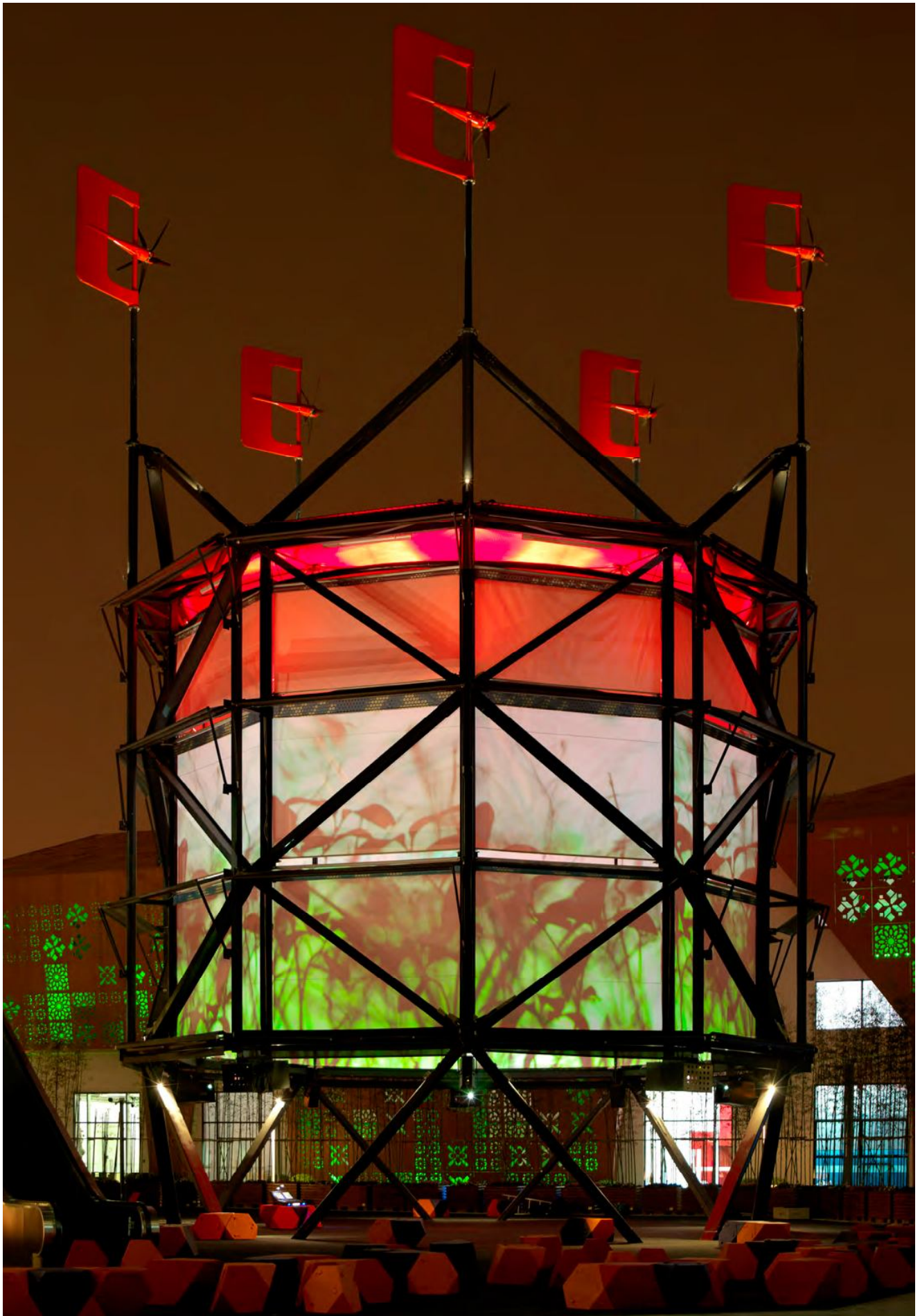
The Air Tree emerges as an experimental prototype of intervention in contemporary urban public space, capable of reactivating sites and creating the conditions to empower the use of the collective space. It is conceived as a technological urban furniture, which also serves as a virtual node of connectivity Madrid-Shanghai, where users can actively interact.

Its different technical layers enables multiple final configurations and a myriad of intermediate positions (opaque, translucent, transparent, bright, interactive, open, etc.). Different textiles for video projections allow an unlimited combination of scenarios adaptable to citizen needs. Its appearance can be transformed over the daily cycle, as well as through the different seasons. By sensors it is connected in real-time with the climatic conditions of Shanghai, constantly adopting the optimal

physical and energy consumption configuration to generate climatic comfort for the citizens.

A 7.3 m diameter fan suspended by a tensegrity structure in the center of the space, at a height of 11.5 m provides air flows inside the space. Through a telescopic system the fan can be lowered several meters to come closer to the ground. The exact position and speed at each moment is determined according to the instant climatic conditions of the environment, real time monitored in the surroundings of the structure.

The project's construction plans and specifications were published under a Creative Commons license, making this project one of the first "open source" contemporary architectural designs



MASTERPLAN OF THE HISTORICAL CENTRE OF ASUNCIÓN

CLIENT: MUNICIPALITY OF ASUNCIÓN, PARAGUAY

DATE: 2014-2015

STATUS: DELIVERED

PROGRAM: URBAN/ENVIRONMENTAL DEVELOPMENT AND PUBLIC SPACE DESIGN

SCOPE: REVITALISATION OF THE HISTORICAL CENTER OF ASUNCIÓN

LOCATION:



PROJECT:

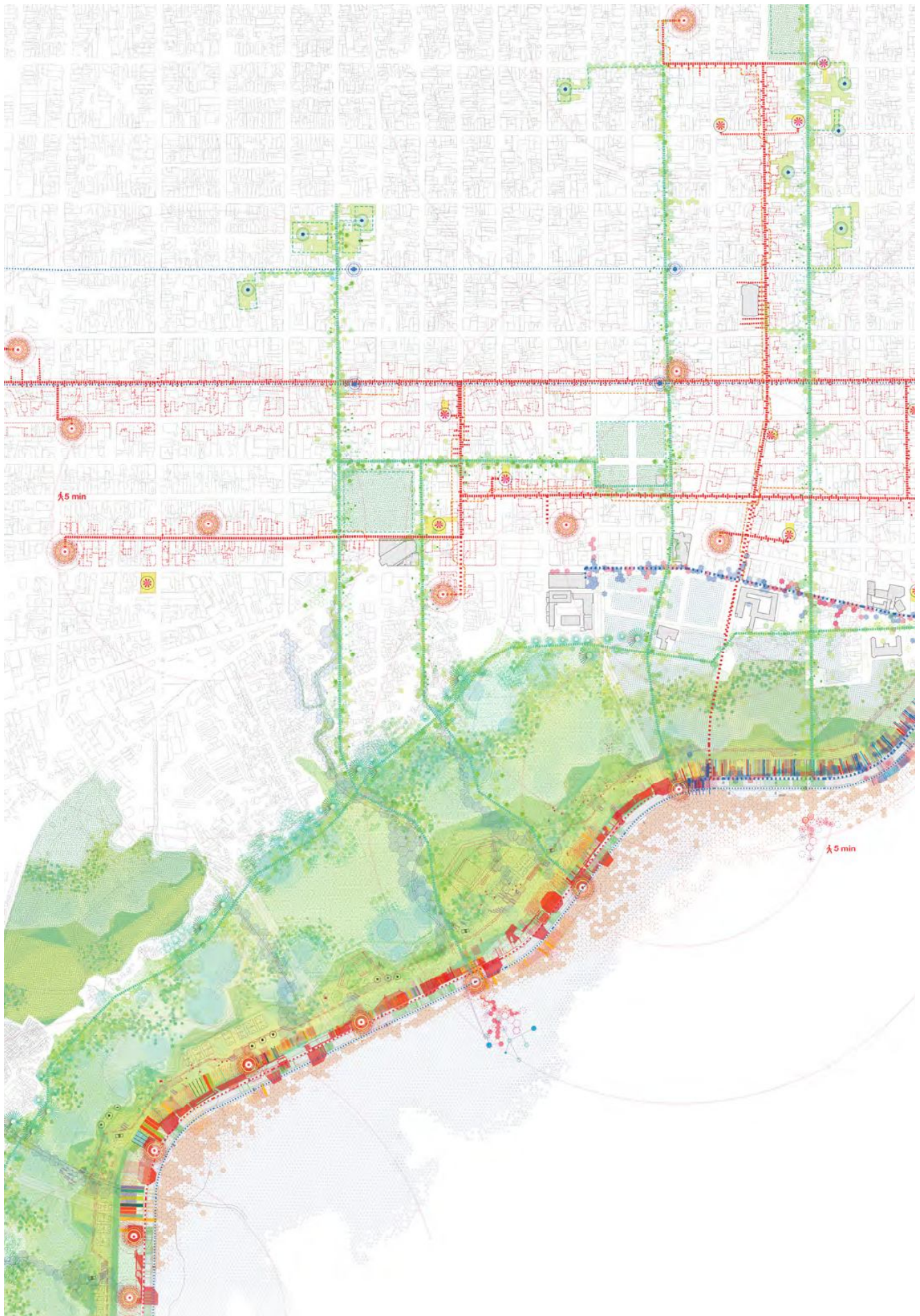
At a time when many cities in the world are beginning to look for new ways to address their development, the Master Plan for Asunción aims to make the historical centre of the city a reference for other cities to follow as a pioneer in sustainable urban development. The idea is to create an “action plan” based on best practices we have gleaned from hundreds of real initiatives that have been successful throughout the world. Top-down and bottom-up actions will work in common to revitalize Asunción. In an effort to raise awareness and reconcile the city with its environment and natural heritage, our proposal aims to integrate sustainable urban development as a cross-sectoral approach applied to all of the actions. Taking inspiration from well-known initiatives, we propose the creation of a series of dynamic, green and ecological corridors, connected by urban catalysts: buildings with hybrid, mixed-use, and flexible programming.

The regeneration and consolidation of Upper Chararita will follow in the footsteps of the revitalization process already begun in San Jeronimo neighborhood. The creation of a “coastal active green” (floodable park) will respect the existing topogra-

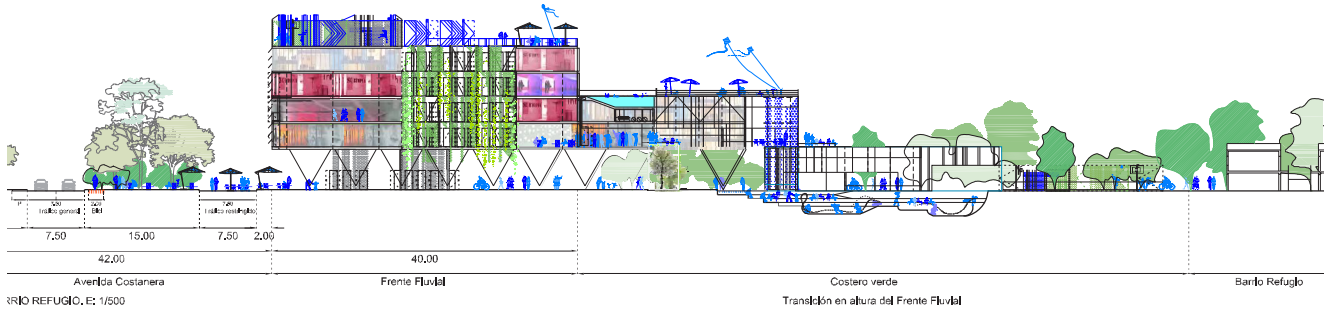
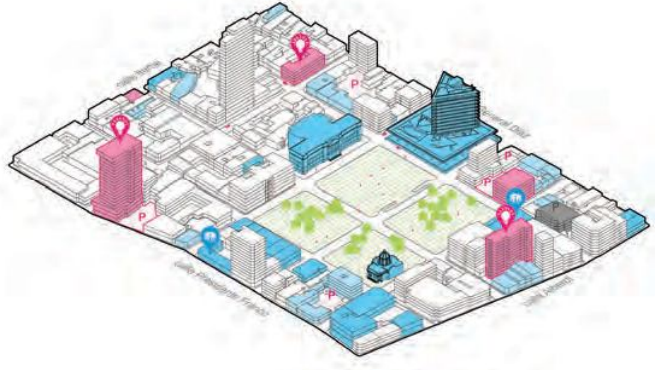
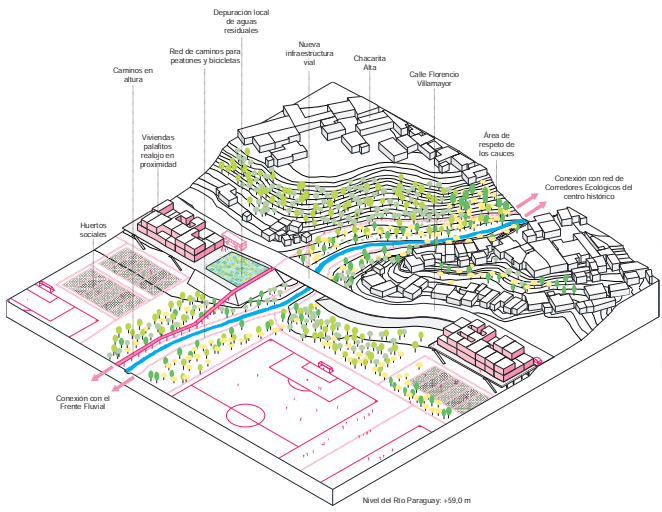
phy and become the lungs of the city, using natural processes to facilitate air and water purification.

A dense and compact urban waterfront will serve as both an urban façade and a gateway to the Bahía. It will also enable the spontaneous development of creative economies and new enterprises. Environmental initiatives – such as the establishment of a nature reserve – will be implemented in Banco de San Miguel and Bicentennial Park. Meanwhile, the cultural, social and economic character of Asunción’s seaport will be reactivated. In these numerous and varied ways, a joint process of change is articulated in order to ensure an integrated and sustainable urban development based on the slogan “Think global, act local”.

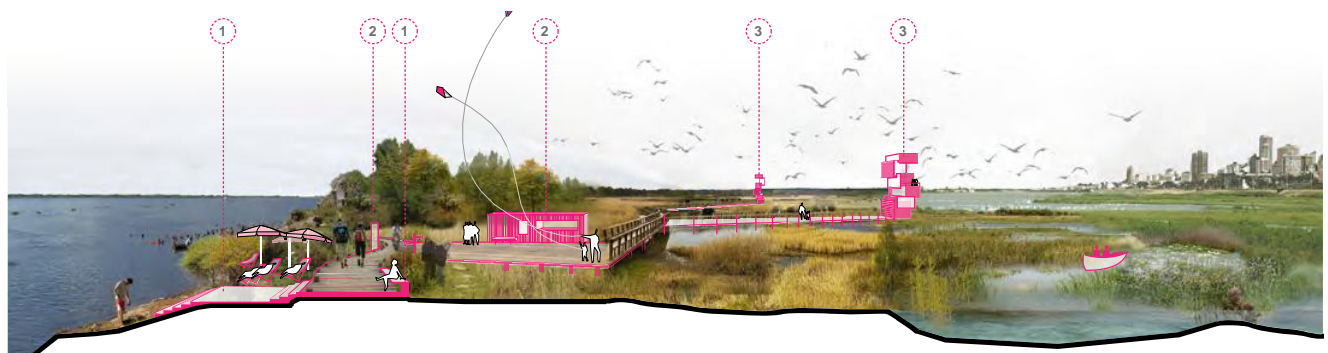
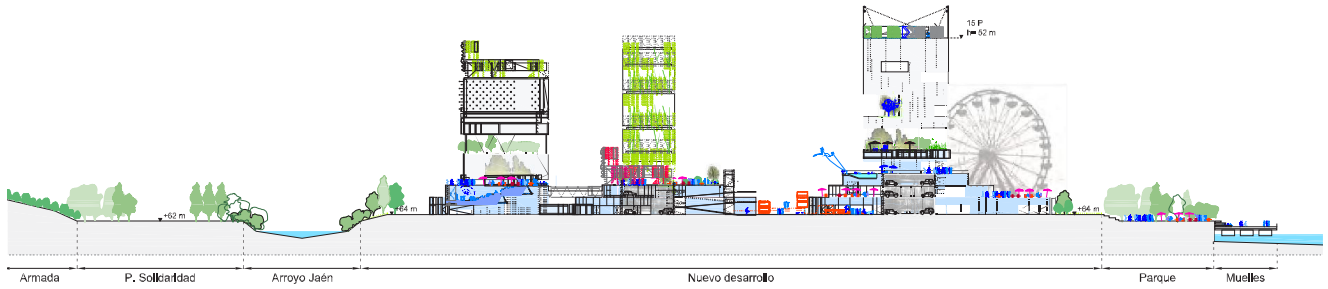
Institutional management and local input will be connected through the ASU LAB, a “Bureau de Change” that will communicate, mediate, connect, provide, program and design. It will be a space where intertwining visions and efforts will converge to create an urban fabric that is more alive than ever before.

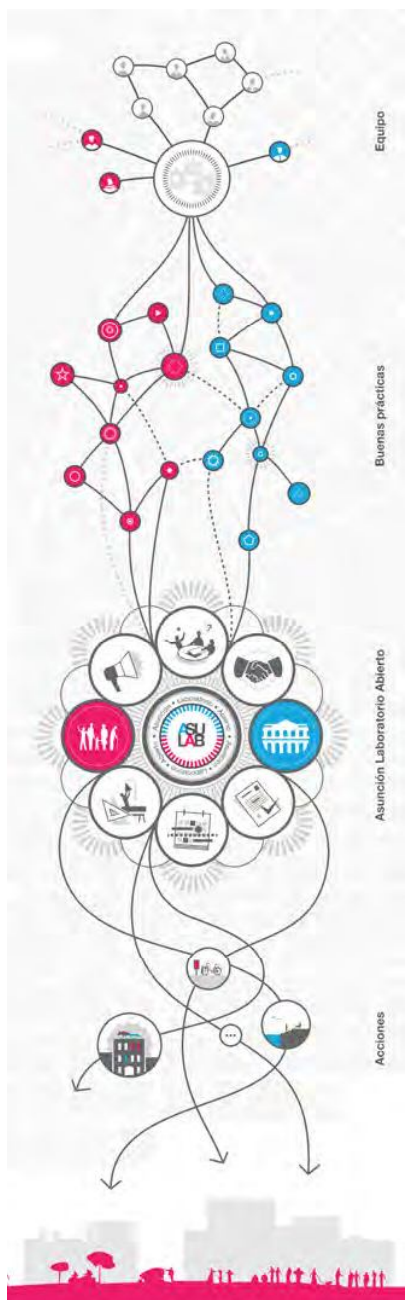
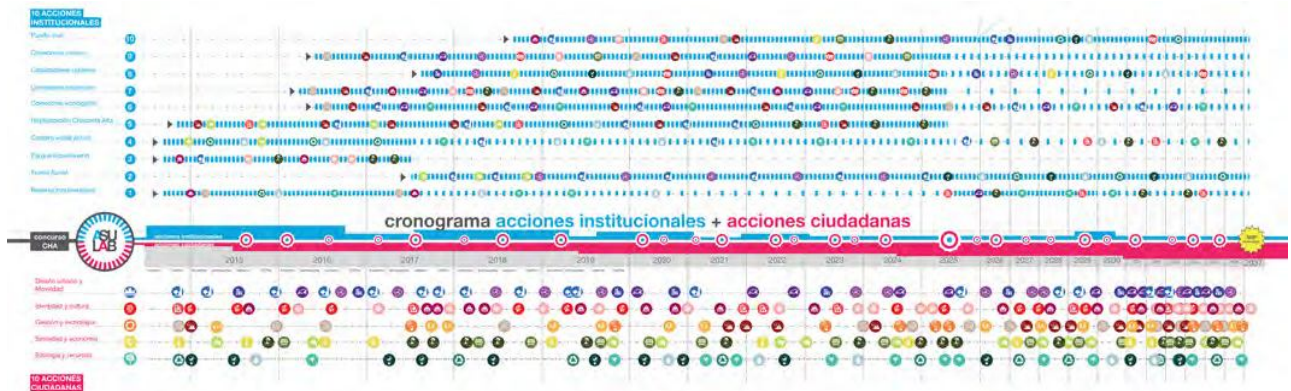


Plan Maestro Centro Histórico de Asunción, Map



BARRO REFUGIO, E: 1/500





DREAMHAMAR

CLIENT: HAMAR KOMMUNE, NORWAY

DATE: 2011-2013

STATUS: BUILT

PROGRAM: PARTICIPATION PROCESS AND DESIGN DEVELOPMENT OF THE MAIN SQUARE OF HAMAR .

SCOPE: CONCEPT, PARTICIPATIVE PROCESS AND URBAN DESIGN.

LOCATION:



PROJECT:

Dreamhamar is a participation and network design process aimed to redesign the public space of Stortorget Square in Hamar, Norway. During 2011-2012, citizens are taking part in a collective brainstorming process that will define their new square. It's a pioneer approach to the construction of new public spaces or transformation of existing ones, supported by workshops, lectures, urban actions, communication and participation tools. The project involves various stakeholders that become part of the community of Dreamhamar and participate in some of the seven working areas which are currently developed:

URBAN DESIGN, a technical research and urban approach to the public space.

PHYSICAL LAB, a "pop up office" where workshops, lectures and exhibitions take place.

ONSITE WORKSHOPS, workshops and lectures led by local and international creative guests to create a large database of the citizen ideas.

URBAN ACTIONS, a way for citizens to experience directly on the public space possible uses of the future square. Mock ups scale 1/1

DIGITAL LAB, participatory web platform linked to social network channels, to follow the weekly broadcasts, online workshops and use the mobile application, dreamhamar.app.

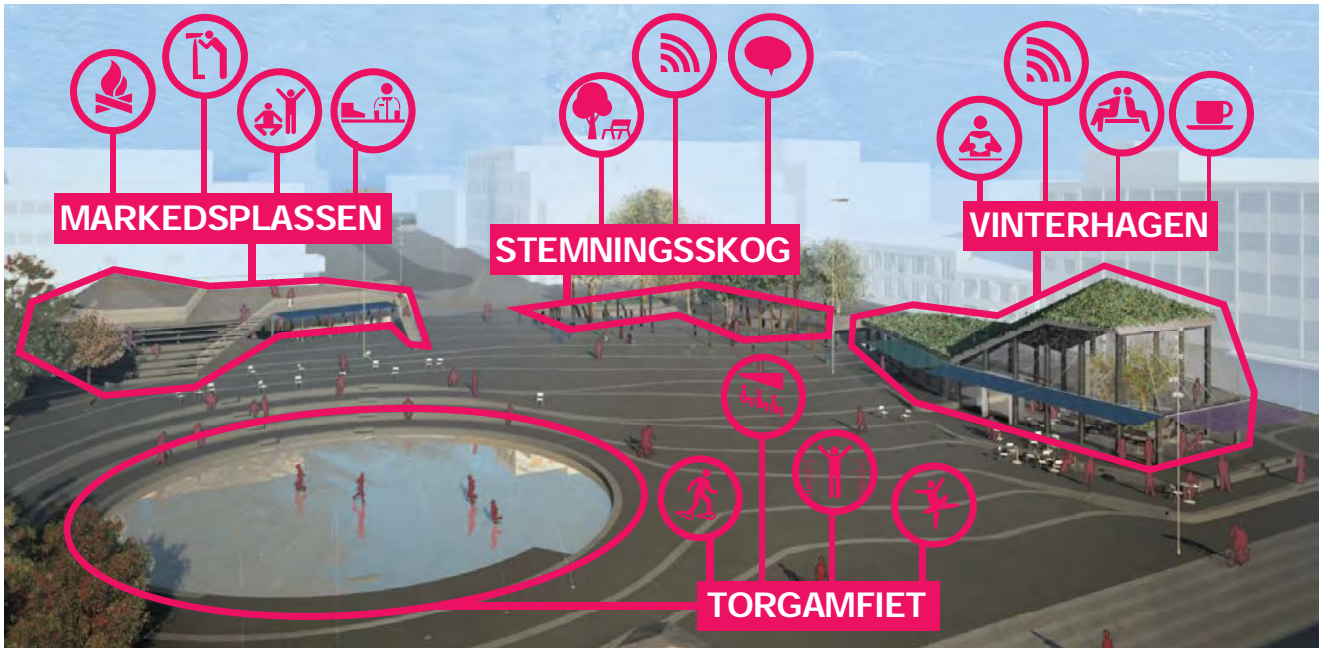
ACADEMIC NETWORK, Dreamhamar as the course case study for universities linked to this global participative brainstorming.

CULTURAL RUCKSACK, students from local schools share their ideas for Stortorget.



Dreamhamar, one of the onsite events part of the participative process





ECOPOLIS PLAZA

CLIENT: MUNICIPALITY OF RIVAS VACIAMADRID

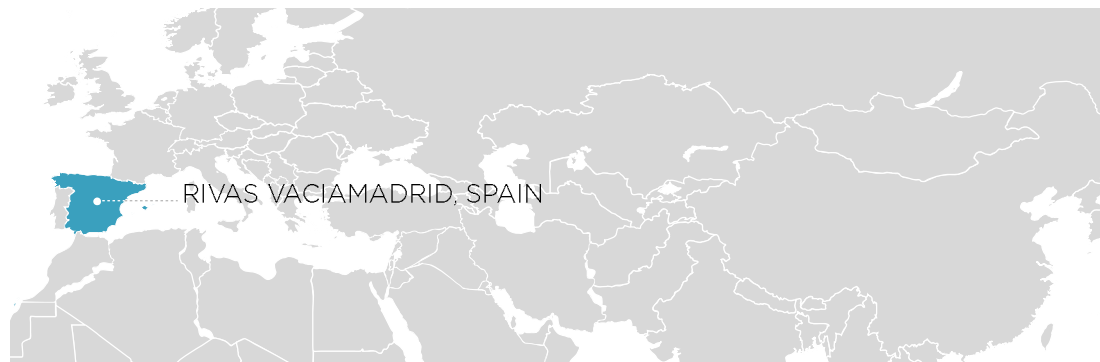
DATE: 2009-2010

STATUS: BUILT

PROGRAM: ECOLOGICAL RECONFIGURATION OF A FORMER INDUSTRIAL SITE INTO A KINDERGARTEN AND NEW PUBLIC SPACE

SCOPE: DESIGN, STRATEGY AND CONSTRUCTION FOLLOW-UP.

LOCATION:



PROJECT:

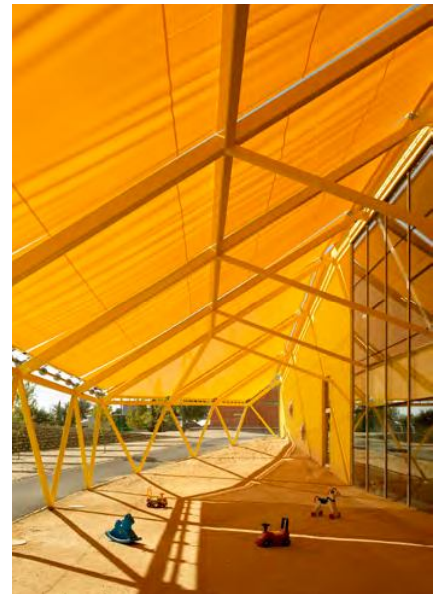
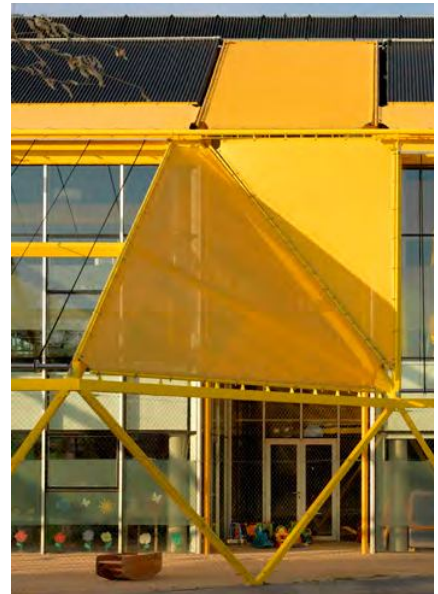
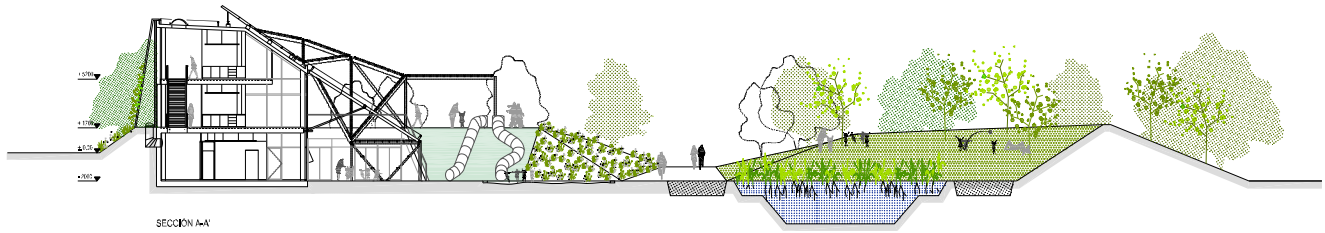
Ecópolis Plaza is conceived as a source of learning for citizens, educating on energy saving and optimization of natural resources. The project integrates ecology in everyday life, without turning it into an exceptional phenomenon more akin to a theme park or museum. In this project, the architecture is challenged beyond formal experimentation, to transform a vacant lot in the outskirts of Madrid into a space for social interaction.

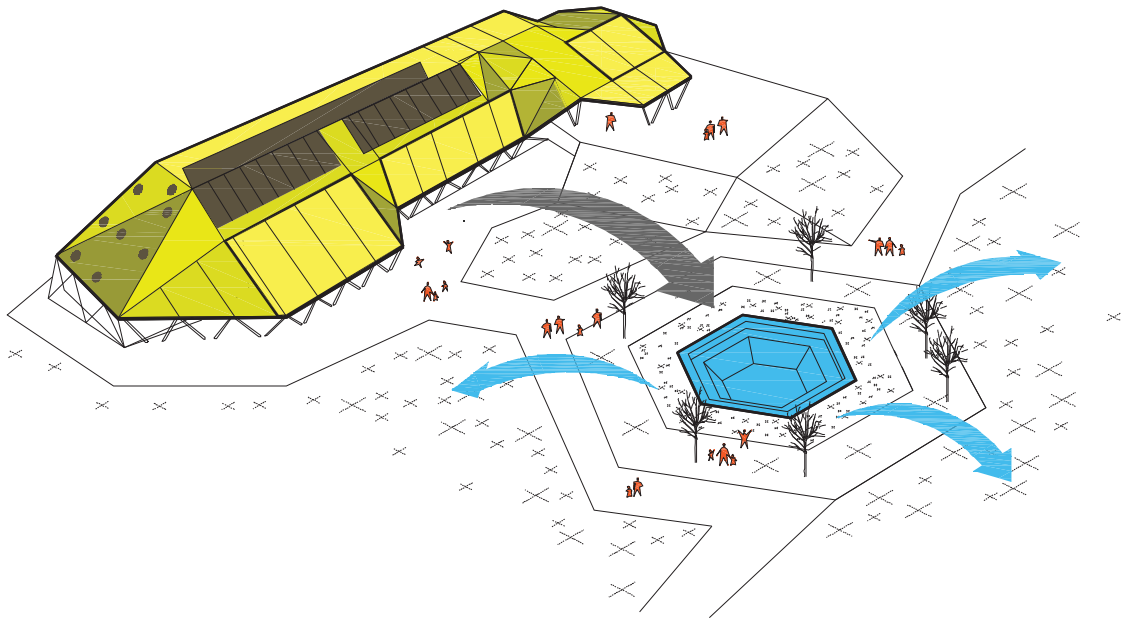
Ecópolis Plaza brings together on the same site a kindergarten, a ludic space for kids, and a public space. The solution combines passive energy saving systems together with active systems, providing the highest eco-label (A grade) of Spanish law.

In addition all the waste water from the building is naturally purified by a macrophyte lagoon incorporated in the public space. This recycled water is stored under the ground within a gravel tank and then used for all the irrigation needs of the garden. This artificial landscape emulates a natural riverbank. The surrounding topography creates an enclosure and buffer area protecting the building and users from the aggressive industrial environment. Plaza Ecopolis has received several awards among which is a **Best Practice from the United Nations Habitat program.**

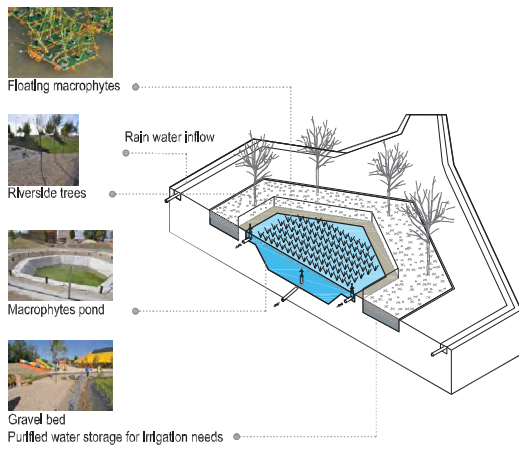


Ecopolis Plaza, public space

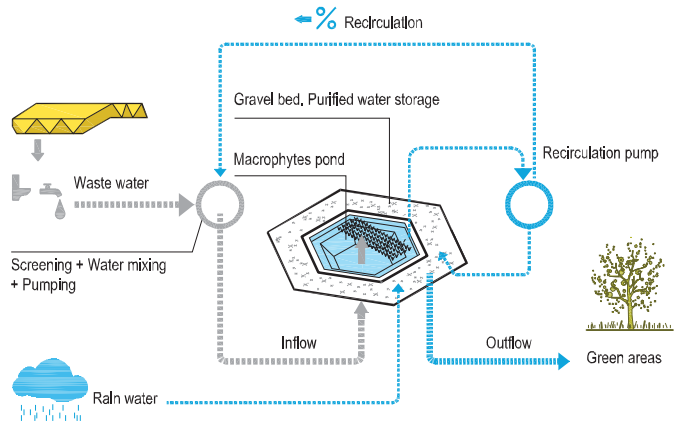




HIDROLUTION SYSTEM FMF (FLOATING MACROPHYTES FILTER)



CIRCULATION DIAGRAM



CUENCA RED

CLIENT: IADB - INTER-AMERICAN DEVELOPMENT BANK

DATE: 2015-2016

STATUS: ONGOING

PROGRAM: PUBLIC SPACE REACTIVATION PLAN OF THE HISTORICAL CENTRE

SCOPE: DESIGN OF THE URBAN REACTIVATION DYNAMIC, CREATION OF A NETWORK OF ACTIVITIES AND PROGRAMS IN PUBLIC SPACE, IMPLEMENTATION OF A PARTICIPATORY PROCESS THROUGH ONSITE AND ONLINE ACTIVITIES

LOCATION:



PROJECT:

The historical center of Cuenca, included on UNESCO's World Heritage List in 1990, is now facing an important transformation of its mobility system shifting towards a new model of city, more active, livable, healthy, inclusive and dynamic. In this favorable framework, CUENCA RED aims to identify the great and underestimated opportunities that reside in the public space of this unique city to create a vibrant network (RED in Spanish) of reactivated spots, improving the urban experience and aspiring to a more livable and lively historical center.

The project is structured in 2 main parts: a participatory process, and the urban reactivation strategy—deeply influenced by the participative process—that consists in long term actions and short term projects for 6 emblematic spaces of the historical center.

+ Participatory process

Through the participatory process we encourage a bidirectional communication between institutions and citizens, allowing an urban transformation made with the necessary support and involvement of people. The process includes several target groups: university students, children and youngsters, institutions, active agents and citizens. They are engaged through different activities and formats rising urban awareness in many different ways.

The activities of the participatory process, as well as the urban reactivation strategies, are developed

around 6 thematic axes, representing the new uses to be given to the identified opportunity areas: activity, mobility, heritage, culture, economy and environment. All these topics gravitate around the concept of public space, the transversal issue that influence and affect the different spheres of urban life.

+ Web Platform

Besides onsite activities, the participatory process takes place on the web platform cuenca.red, where everybody can share their ideas georeferenced for a better historical center.

+ Urban Strategies

With the implementation of the new mobility plan that prioritizes pedestrians and soft mobility, many new opportunities arise for Cuenca's public space. The long term strategy aims to provide new uses and programs to these reconquered spaces, multiplying the environmental, economic and cultural offer of the city.

The short term strategy interests 6 emblematic spaces that are considered as "high priority" interventions; taking account of the inputs received throughout the participative process, a strong character related with use and program is defined for each space. The result consists in 6 project: The City Lounge, The Social Network, City School, The Active Center, The Tree House, Cuenca Hub.



Cuenca Red, Escuela Febres Cordero, one of the pilot projects





ENCARNACIÓN MÁS

CLIENT: MUNICIPALITY OF ENCARNACIÓN

DATE: 2015-2016

STATUS: DELIVERED

PROGRAM: URBAN AND TERRITORIAL PLANNING AND SUSTAINABILITY PLAN FOR THE CITY

SCOPE: STRATEGY AND DEVELOPMENT OF PLANS.

LOCATION:



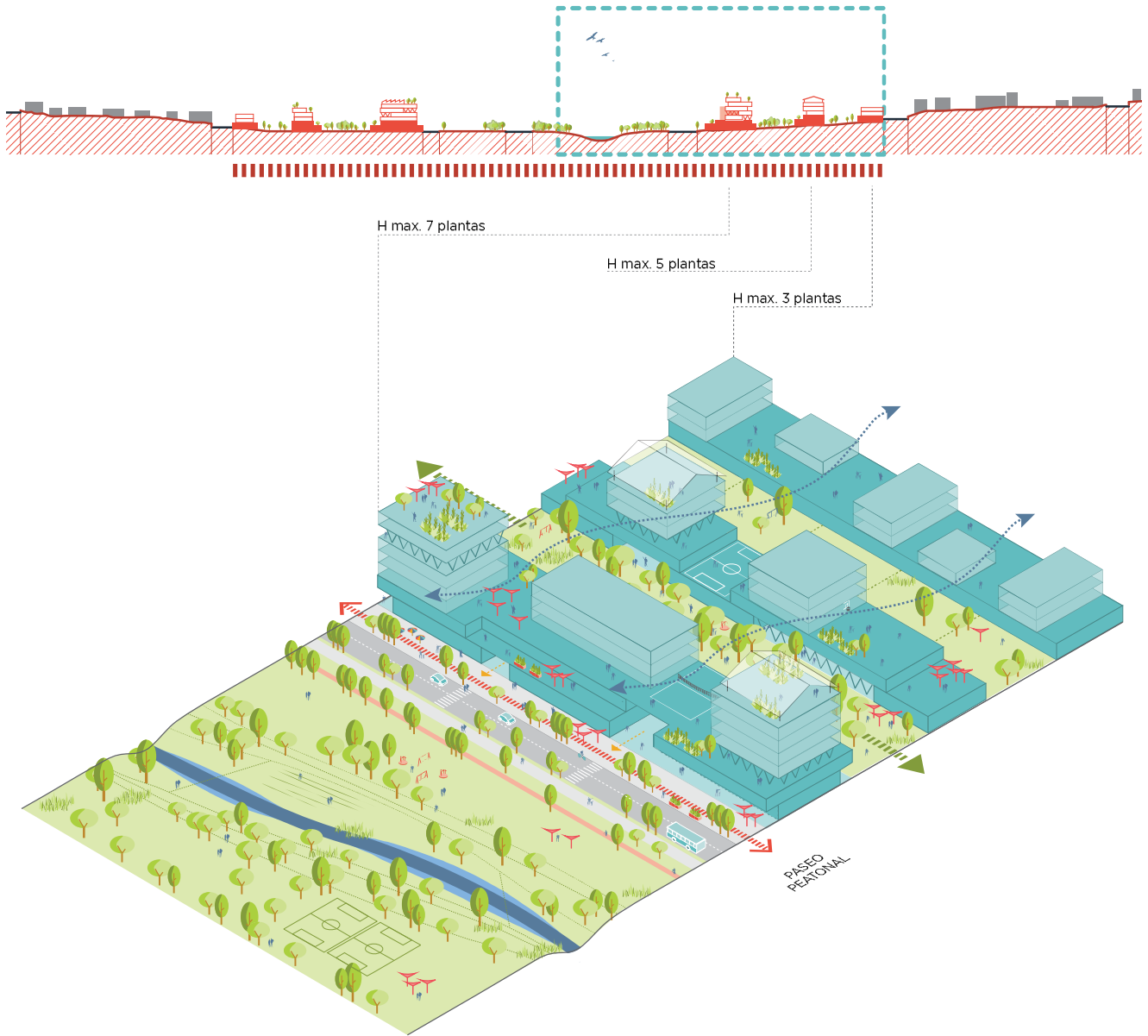
PROJECT:

Encarnación is a regional node of great importance: the city is part of a binational network of cities gravitating around Lake Dam Yasyreta. The relationship between the city and the lake, characterized by its peculiar hydrological and environmental systems, and its recently built infrastructure, makes of Encarnación a unique case in waterfront cities.

Our project for the city of Encarnación consists in a series of actions that are more than a conventional Territorial Planning. We propose a process that leads towards concrete actions in the city and its surrounding area through a series of Pilot Pro-

jects (PP), showing positive and tangible signals of transformation to citizens in a very direct and quick way.

These Pilot Projects will be implemented even during the very definition of the Territorial Sustainable Plan, taking advantage from the attention and the synergies that will naturally arise during the planning phase. Moreover, Pilot Projects will actively involve citizens in the process of transformation and development of their city by enabling the communication possibilities between local entities and the responsible design team



SUPERFICIE DE DESARROLLO URBANO PAISAJISTICO

OCUPACIÓN DE SUELO:

F.O.T. **2.1**
F.I.T. **40%**



Zócalo aterrazado / plazas elevadas
Altura max.= 2 P = 9 m



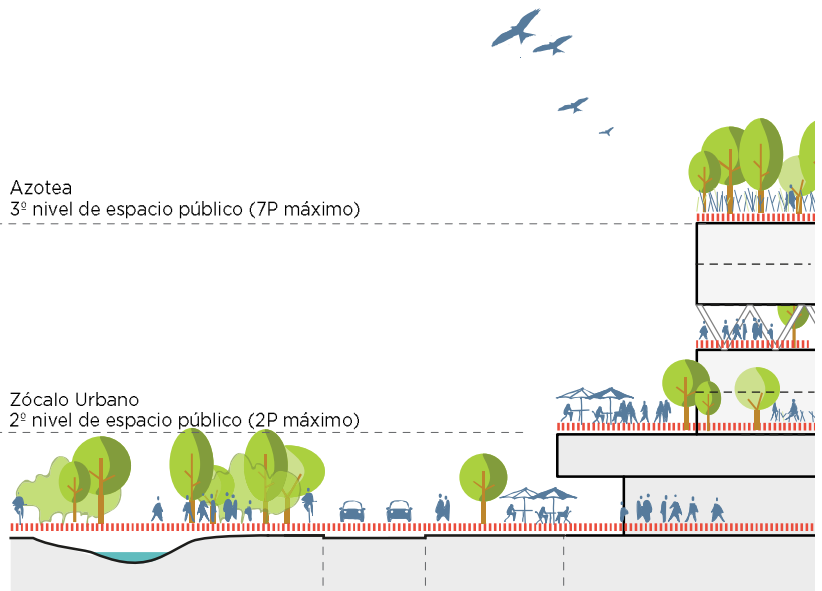
Edificación en altura
Altura max.= 7 P = 25.5 m

Total:

380.000
m² superficie edificable

Azotea
3^º nivel de espacio público (7P máximo)

Zócalo Urbano
2^º nivel de espacio público (2P máximo)



ENERGY CAROUSEL

CLIENT: MUNICIPALITY OF DORDRECHT

DATE: 2010-2012

STATUS: BUILT

PROGRAM: UNCONVENTIONAL PLAY OBJECT

SCOPE: CONCEPT DESIGN, DESIGN DEVELOPMENT AND CONSTRUCTION DOCUMENT

LOCATION:



PROJECT:

Ecosistema Urbano has designed this play structure with two particular focuses in mind. The first is to promote education through play. We believe that teaching children about alternative methods for generating electrical power through their own physical experiences sends a subtle message about the potential for a creative and more sustainable approach to urbanism.

The second is to use efficient materials that also serve to highlight the project's unique design. The

kinetic energy released by the children's hanging from and turning on the ropes is captured via the carousel structure and stored in a battery underneath the play site. This energy is used to generate lighting in the evenings. The mechanism of energy production and lighting is as simple as a bike dynamo. The color of the lights also changes depending on how much energy has been generated by the children on any given day.



Energy Carousel





LOCAL IN

CLIENT: VARIOUS

DATE: 2010-ONGOING

STATUS: ACTIVE

PROGRAM: INTERNET OPEN SOURCE PLATFORM - ONLINE MAPPING TOOL FOR CIVIC EMPOWERMENT

SCOPE: DESIGN, MANAGEMENT AND BOOSTING

LOCATION: WORLDWIDE

PROJECT:

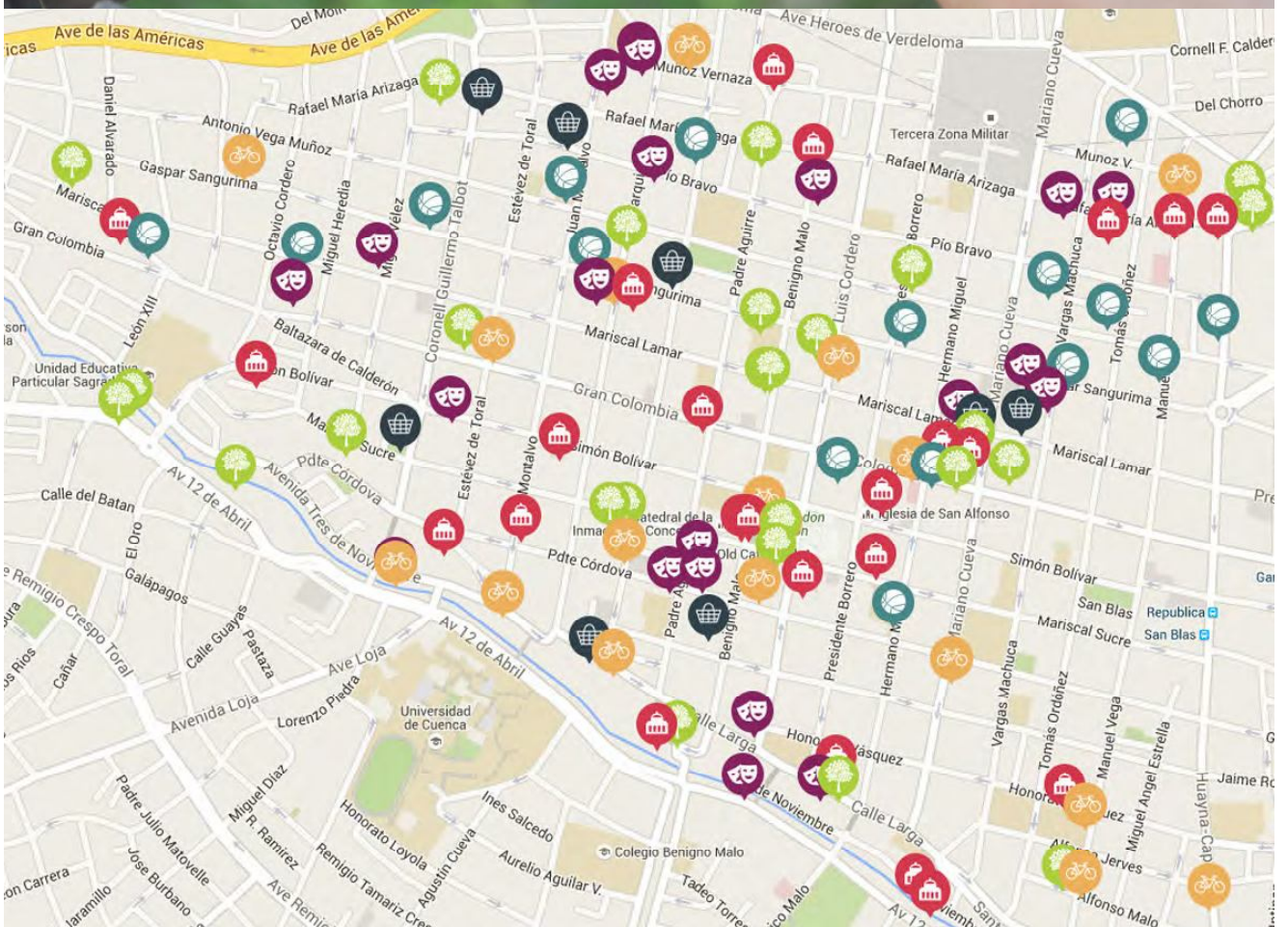
Local_in is a digital tool designed to promote urban participatory and collective creativity processes facilitating consultation, exploration and visualization tasks of a great variety of data.

It is a web and mobile application designed for geolocated message publishing. Users write their ideas, opinions, proposals or concerns in 140 characters and classify them by category, tag and location so that they can be viewed, rated and shared in real time. **Local_in** is a social project intended for cities, which, developed along with a series of

activities, addresses key tools to promote active and purposeful participation. It enables interaction and provides a creative visualization which synthesizes the collective imagination in relation to the future of our cities.

Local_in can be implemented for different contexts and scales in which a participatory process may also be included.

Local_in is an open source platform, designed and developed by Ecosistema Urbano and released under GNU GPL license. It has support for translation.



Local_in: mobile version for Centro Histórico Abierto, and a screenshot of the Local_in platform for Cuenca

OUR EXPERTISE AS DIALOGUE ACTIVATORS AND RECOGNIZED COMMUNICATORS

OUR PARTICIPATIVE PROCESSES : MEETINGS, CREATIVE WORKSHOPS AND PUBLIC EVENTS.

Communication for us has a deeper meaning if it's bilateral and leads to dialogue. For this reason we create specific formats and ad hoc events to encourage and activate the act of sharing ideas, learning from other experiences and open creative processes. The event we organize are often shaped

according to the actors and the public that will attend them. Our goal is also to generate dialogue between those parts of society that usually have more difficulties to find their place in this kind of processes, as kids for example.

ECOSISTEMA URBANO, A RECOGNIZED REFERENCE IN CONTEMPORARY DEBATE ABOUT URBAN SUSTAINABILITY.

At ecosistema urbano communication has a key role. We believe that our role as designers acquires a stronger value when good practices and innovative projects are spread and became really influential, contributing to raising awareness and generate creative debate around urban topics.

Communication for us is crucial as a global tool: it allows us to reach local communities in a very direct way, but also it permits to spread innovative projects worldwide, converting them in global case-studies.

ONLINE COMMUNICATION

With our media, as our blog ecosistemaurbano.org for exemple, we really have the opportunity to reach a very large community of professionals and

students interested urban topics, at four corners of the globe, opening transversally the debate and crossing every barrier.

OFFLINE COMMUNICATION

For a deeper understanding of a specific urban matter, in different occasions we find necessary to use other ways to express our researches, beyond the digital media. Among others, along our expe-

rience we took part to several international exhibitions, using a wide range of innovative materials, layouts, media and storytelling actions.

Soltadme, qua ni he de huir,
ni me falta valor para morir.



INSTITUTIONAL MEETINGS

As part of our onsite activities on the occasion of urban projects we work on, we regularly organize interdepartmental meetings to share ideas and challenges, defining and envisioning how to implement the different phases of the project. We are aware that one of the most problematic as-

pect of a fluent workflow for public projects is the continue dialogue between the different institutional stakeholders involved at different levels. For this reason we design specific formats and dynamics to ensure the communication between parts during the meetings and even after the events.

WITHIN THE INSTITUTIONAL MEETINGS WE HAVE ORGANIZED:

PLAN CHA - ASULAB

2 OFFICIAL MEETINGS WITH INSTITUTIONS OF THE MUNICIPALITY OF ASUNCIÓN AND THE MINISTRY OF CULTURE OF PARAGUAY WITH MORE THAN 50 PARTICIPANTS IN ORDER TO DEFINE THE DETAILS ABOUT ASULAB, THE "BUREAU DE CHANGE" THAT ASSUME THE ROLE OF COMMUNICATION AND MEDIATION BETWEEN CITIZENS AND INSTITUTIONS DURING THE IMPLEMENTATION OF THE MASTERPLAN OF ASUNCIÓN.

[more info here](#)

PLAN ENCARNACIÓN MÁS

3 OFFICIAL MEETINGS WITH THE BINATIONAL ENTITY YACYRETÁ (PARAGUAY/ARGENTINA), THE MUNICIPALITY OF ENCARNACIÓN AND THE REGIONAL GOVERNMENT OF ITAPÚA. SEVERAL MEETINGS WITH THE DIFFERENT INSTITUTION REPRESENTATIVES ALONG THE 5 MONTHS OF ONSITE ACTIVITIES.

[more info here](#)

CUENCA RED

2 OFFICIAL MEETINGS WITH THE REPRESENTATIVES OF THE MUNICIPALITY OF CUENCA AND THE INTER-AMERICAN DEVELOPMENT BANK. SEVERAL INFORMAL MEETINGS DURING THE 3 WEEKS OF ONSITE ACTIVITIES

[more info here](#)

CENTRO HISTÓRICO ABIERTO

2 OFFICIAL MEETINGS WITH MORE THAN 40 PARTICIPANTS FROM THE AMDC (ALCALDÍA MUNICIPAL DEL DISTRITO CENTRAL) AND IDB (INTER-AMERICAN DEVELOPMENT BANK) WORKING AROUND 5 THEMATIC AREAS: PUBLIC SPACE / ECONOMY / SAFETY / ACCESSIBILITY / ENVIRONMENT

[more info here](#)

IADB MEETING IN SANTIAGO DE CHILE

1 OFFICIAL MEETING WITH REPRESENTATIVES OF 5 MUNICIPALITIES OF CHILE (MORE THAN 40 PARTICIPANTS) GATHERED BY THE INTER-AMERICAN DEVELOPMENT BANK TO DISCUSS ABOUT PARTICIPATORY PRACTISES IN URBAN PROJECTS.

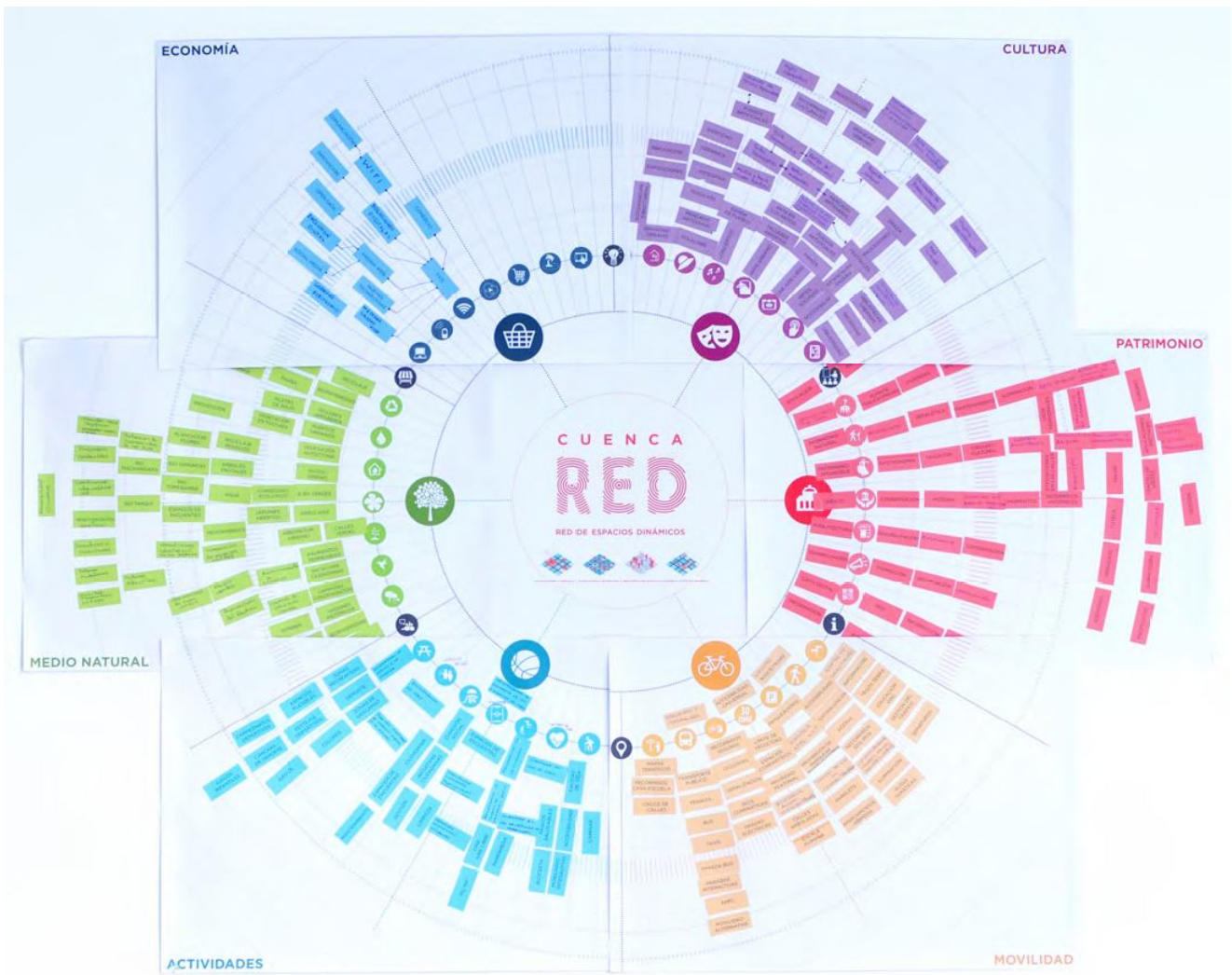
DREAMHAMAR

2 OFFICIAL MEETINGS WITH THE MUNICIPALITY OF HAMAR, NORWAY, DISCUSSING ABOUT THE FUTURE OF THE MAIN SQUARE OF THE CITY.

[more info here](#)

ZAC FLAUBERT, GRENOBLE

IN PROGRESS, COMING SOON



Cuenca Red, Workshop dynamic specifically conceived for the institutional meeting, Cuenca, Ecuador.



Dreamhamar, Open Meeting at Physical Lab, Hamar, Norway.

MEETINGS WITH STAKEHOLDERS

Our commitment with open processes and participative activities involve different kinds of actors and stakeholders related with urban sustainability. The meetings we use to organize to discuss about topics related with urban transformation processes feature the participation of different actors, active agents, associations and local realities. For

each meeting we define specific formats and tools to encourage creative dialogue between parts. The aim of the meetings is to communicate the urban strategies, let the stakeholders participate in the process of transformation of their city, involving them actively in the project and creating new networks and connections.

WITHIN THE MEETINGS WITH STAKEHOLDERS WE HAVE ORGANIZED:

PLAN ENCARNACIÓN MÁS

14 THEMATIC MEETINGS WITH INVITED ACTIVE CITIZENS, ENTREPRENEURS, ETC, ALLOWING OPEN DISCUSSIONS ABOUT TOPICS AS IDENTITY, HERITAGE, WASTE MANAGEMENT OR TOURISM.

[more info here](#)

PLAN CHA - ASULAB

3 OFFICIAL MEETINGS WITH REPRESENTATIVES OF LOCAL ASSOCIATIONS, DEVELOPERS, STAKEHOLDERS AND CREATIVE CITIZENS. SPECIFIC WORKSHOPS DEDICATED TO PARTICULAR AREAS OF THE CITY AS THE CHACARITA NEIGHBORHOOD FOR INSTANCE.

[more info here](#)

CUENCA RED

2 OFFICIAL MEETINGS AND SEVERAL INFORMAL MEETINGS WITH MORE THAN 30 STAKEHOLDER

[more info here](#)

CENTRO HISTÓRICO ABIERTO

2 OFFICIAL MEETINGS AND SEVERAL INFORMAL MEETINGS WITH MORE THAN 30 STAKEHOLDER

[more info here](#)

DREAMHAMAR

2 OFFICIAL MEETINGS AND SEVERAL INFORMAL MEETINGS WITH MORE THAN 30 STAKEHOLDER OF HAMAR, NORWAY, DISCUSSING ABOUT THE FUTURE OF THE MAIN SQUARE OF THE CITY.

[more info here](#)

OPORTUNIDADES

¿Qué oportunidades ofrece el espacio público en este tema?

- 1 Conectividad intraurbana (Comercial y Gestoría)
- 2 Estructura de redes en los espacios públicos con vocación (rutas)
- 3 Restauración y adecuación de viviendas para fines habitacionales (turistas, estu-
diantes etc)
- 4 Ferias y actividades culturales activadoras de emprendimientos: Artesanías, servicios
incluivos etc
- 5 Activación económica en la ruta al Tranvía que se puedan permitir y
accesibles en este espacio
- 6 Fomentar la agricultura urbana para
(huertas) mejorar el paisaje urbano
económico familiar (autoconsumo y comerciali-
zación) y el medio ambiente.
- 8 Desarrollo de aplicaciones digitales que
permitan acceso a la información de
los espacios públicos

RETOS

¿Cuáles son los retos que identificas?

- 1 Inversión pública y operación -mantenimiento.
Gestión
Implementar y operarizar las redes
- 2 Inversión Pública, Acceso a Financiación
Regulación
- 3 Gestión organizativa y financiamien-
to, capacitación a participantes para
mejorar calidad y atención al público
- 5 Mirar de retos económicos / Diver-
sidad y socialización. Acceso a Financiación
Moldear y sustentar por fomentar
la estar en actividad
- 6 Asistencia técnica
Cooperación en mano de obra
y foros a través de empresas públicas
(trabajo con pilotos y red motivación)
- 8 Inversión pública, difusión y
comunicación a la población

COMUNICACIÓN + GESTIÓN

¿Cuál es tu idea para mejorar la comunicación entre los distintos departamentos institucionales?

Implementación de una red tecnológica para
visualizar, compartir, información y logos
de actividades. → Directores Apoyo y
Reuniones con técnicos

¿Cómo puedes contribuir desde tu departamento en ese sentido?

- Reuniones Temáticas inter institucionales
- Difusión → comunicación y organización

Cuenca Red, Workshop form specifically conceived for the meeting, with local stakeholders Cuenca, Ecuador.



Dreamhamar, Workshop with stakeholders at Physical Lab, Hamar, Norway.

MEETINGS AND WORKSHOPS WITH CITIZENS

We believe that interact onsite with citizens is part of our work as urban designers. During the participatory processes we carry out worldwide we establish a strict dialogue with citizens, in order to

have a deeper sight towards the area of intervention, knowing real needs and aspirations of locals, but also we involve them in the creative debate of transformation and urban regeneration.

WITHIN THE MEETINGS WITH CITIZENS WE HAVE ORGANIZED:

PLAN ENCARNACIÓN MÁS

6 SPECIFIC MEETINGS WITH THE INHABITANTS OF EACH NEIGHBORHOOD INVOLVED IN THE URBAN PLANIFICATION.

[more info here](#)

PLAN CHA - ASULAB

2 SPECIFIC MEETINGS WITH THE INHABITANTS OF HISTORICAL CENTER OF ASUNCIÓN AND THE NEIGHBORHOOD CHACARITA.

[more info here](#)

CUENCA RED

2 SPECIFIC MEETINGS WITH THE INHABITANTS OF HISTORICAL CENTER OF CUENCA.

[more info here](#)

CENTRO HISTÓRICO ABIERTO

2 SPECIFIC MEETINGS WITH THE INHABITANTS OF TEGUCIGALPA AND COMAYAGUELA

[more info here](#)

DREAMHAMAR

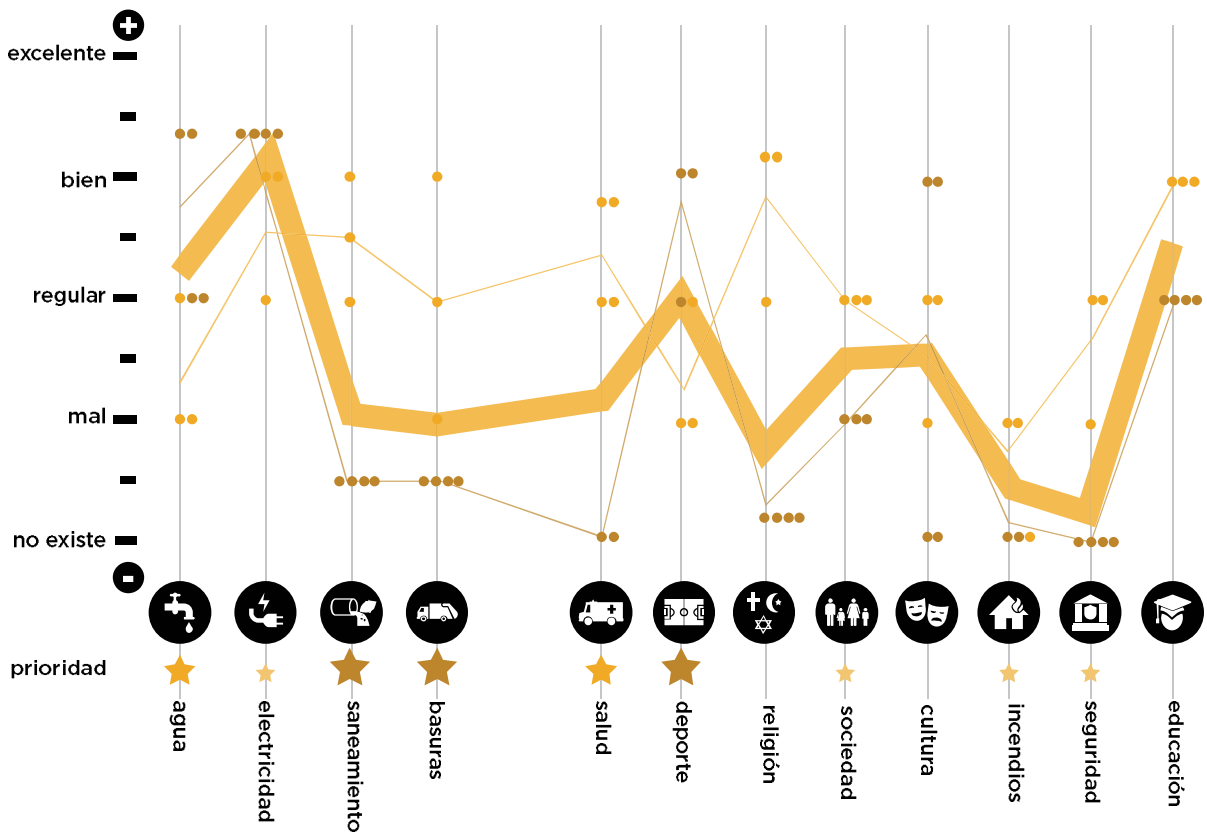
4 SPECIFIC MEETINGS WITH THE INHABITANTS OF HAMAR, IN THE PHYSICAL LAB OF THE PROJECT AND IN THE PUBLIC SPACE.

[more info here](#)

EXUMA - GARDEN OF DREAMS

2 SPECIFIC MEETINGS WITH THE INHABITANTS OF GEORGETOWN, MAIN CITY OF EXUMA, ISLAND OF THE BAHAMAS ARCHIPELAGO

[more info here](#)



Encarnación Más, Workshop with citizens: onsite activities and resume graphic, Encarnación, Paraguay..

RAISING AWARENESS THROUGH ART INSTALLATIONS

Art is a very direct and straight way to reach a large audience and attract public attention towards complex and controversial topics. At the end of a process we use to display the results of the participation of thousand of people to create new for-

mats, as the installation we did at MIN - Museo Para la Identidad Nacional de Honduras, for the Centro Histórico Abierto, composed by 2000 posts and 2000 ideas for the city.

WITHIN THE PARTICIPATIVE EXHIBITIONS WE HAVE ORGANIZED:

PLAN ENCARNACIÓN MÁS

POST-IT INSTALLATION "MOSAICO CIUDADANO"
EXHIBITION OF THE PLAN
[more info here](#)

PLAN CHA

MODEL OF THE HISTORICAL CENTER OF ASUNCIÓN - MASTERPLAN EXHIBITION
[more info here](#)

CUENCA RED

POST-IT INSTALLATION "MOSAICO CIUDADANO"
EXHIBITION AT MUSEO DE ARTE MODERNO DE CUENCA
[more info here](#)

CENTRO HISTÓRICO ABIERTO

POST-IT INSTALLATION "MOSAICO CIUDADANO"
[more info here](#)

EXUMA - GARDEN OF DREAMS

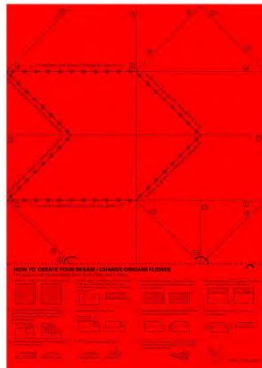
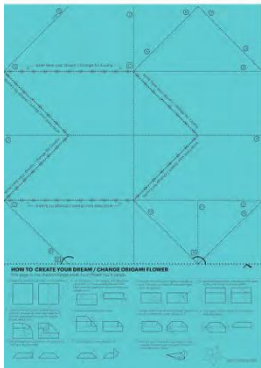
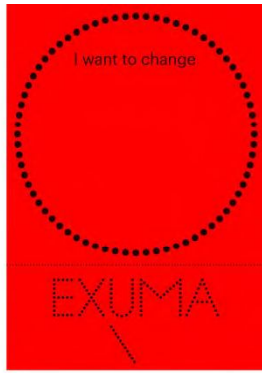
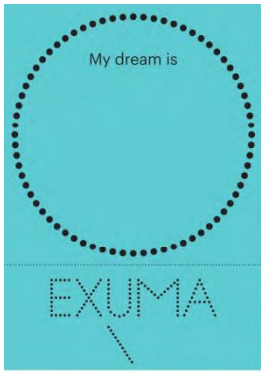
ORIGAMI FLOWERS INSTALLATION
[more info here](#)

NETWORKED URBANISM

PARTICIPATIVE ART INSTALLATION AT HONG KONG DESIGN INSTITUTE.
[more info here](#)

DREAMHAMAR

ART INSTALLATIONS WITH BOAMISTURA
EXHIBITION OF THE PRODUCED DRAWINGS AT THE PHYSICAL LAB.
[more info here](#)



Exuma Garden of Dreams, Survey Forms and Participative Origami Installation, Georgetown, Bahamas.

UNIVERSITY WORKSHOPS

Education has a crucial role in our practise. We believe that through proper training it's possible to empower people and give the right assets to the future decision-makers of tomorrow. We regularly organize university workshops as one of our academic activity or as part of participative proces-

ses of our urban projects, with groups that reach 100 participants. During the workshops we invite students to explore different ways of expression, through video, art installations, documentaries, interviews, models, digital productions and any media considered appropriate.

ACTIVITIES WE GENERALLY PROPOSE DURING A WORKSHOP:

INTERVIEWS TO CITIZENS

ANALYSIS OF THE URBAN CONTEXT (ONSITE VISITS, PARTICIPATIVE MAPPING, ETC)

COLLECTIVE REFLECTION ABOUT KEY TOPICS

PRODUCTION OF VIDEO (ANIMATIONS OR SHORT DOCUMENTARY)

URBAN ACTIONS RELATED WITH THE TOPICS DETECTED FROM THE ANALYSIS.

PUBLIC EVENT PRESENTING THE RESULTS OF THE WORKSHOP

WITHIN THE UNIVERSITY WORKSHOPS WE'VE ORGANIZED:

PLAN ENCARNACIÓN MÁS

2 WEEKS WORKSHOP OPEN TO STUDENTS COMING FROM ALL SOUTH AMERICA.

PARTICIPANTS: 100 STUDENTS

[more info here](#)

PLAN CHA

2 WEEKS WORKSHOP WITH STUDENTS FROM THE UNIVERSITY OF ASUNCIÓN.

PARTICIPANTS: 80 STUDENTS

[more info here](#)

CUENCA RED

2 WEEKS WORKSHOP WITH STUDENTS FROM THE UNIVERSITY OF CUENCA.

PARTICIPANTS: 100 STUDENTS

[more info here](#)

CENTRO HISTÓRICO ABIERTO

2 WEEKS WORKSHOP WITH STUDENTS FROM THE UNIVERSITY OF HONDURAS.

PARTICIPANTS: 120 STUDENTS

[more info here](#)

NETWORKED URBANISM

3 DAYS WORKSHOP WITH STUDENTS FROM THE HONG KONG DESIGN INSTITUTE

PARTICIPANTS: 120 STUDENTS

[more info here](#)

DREAMHAMAR

CREATION OF THE ACADEMIC NETWORK, WITH 9 UNIVERSITY FROM ALL OVER EUROPE ENGAGED IN THE DESIGN THINKING PROCESS.

[more info here](#)



Plan CHA, Workshop with students, Asunción, Paraguay

OUR COMMUNICATION CHANNELS

We work regularly on communication on different formats, from social interaction over the Internet to the edition of digital and printed documents. Beside our webpage ecosistemaurbano.com, we conceive, design and create contents of several web platforms and digital tools, with the main aim

of spreading the culture of urban sustainability around the world. Social media have an important role in our online communication strategy, since they allow us to reach a huge audience around the world.

OUR BLOG

ecosistemaurbano.org

Active since **2007**

2298 posts published

430 direct subscribers to RSS via email, most of them architecture/urbanism practitioners

Considered one of the most influent blogs about urban sustainability in Spain and Spanish-speaking countries.

Contents in **4 languages - 211 countries reached**

Platform open to external collaborations

Readers from all over the world

Web platform data:

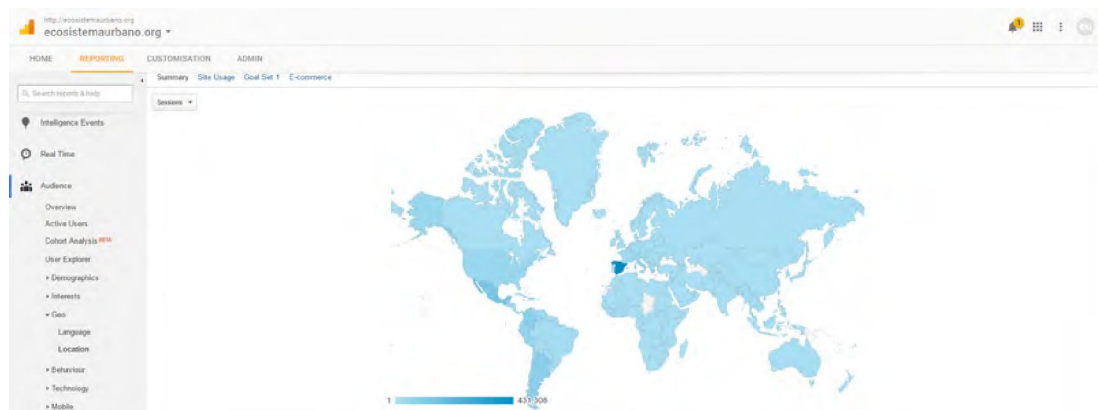
Total Page Views **2,906,592**

Total Users **1,224,251**

Total Sessions **1,711,007**

Maximum peak of visit in one day **3,973**

[\(Read our most visited article here\)](#)



Map of the reached countries - data from Google Analytics



CUENCA RED | del proceso de socialización al diseño urbano

Presentamos los resultados de la segunda fase de socialización y el proceso que ha generado la definición de los seis proyectos de Cuenca Red Read more...

NOTICIAS | NEWS | SOCIAL TOOLBOX | PLACEMAKING | A+OS | EU:KIDS | EU:COMIC | EU:LIVE | #FOLLOW

la movida | hacia una estructura itinerante de co-producción urbana August 5 0

cuenca red | escuela febres cordero – nuevo edificio híbrido en el centro histórico de cuenca August 4 0

cuenca red | espacios de prioridad alta (ii) cuenca hub y centro activo August 1 0

cuenca red | 3 espacios de prioridad alta (i) acupuntura urbana July 28 0

presentación trabajos fin de máster en arquitectura y energía | entrevista a belinda tato blog de stepienybarno July 27 0

cuenca red | presentamos el nuevo plan de revitalización del centro histórico July 26 0

cuenca red | del proceso de socialización al diseño urbano July 11 0

designing for the extreme | máster en arquitectura y energía ucjc July 8 0

la dimensión humana del espacio público | ecosistema urbano en valparaíso July 5 0

xx bienal chilena de arquitectura y urbanismo | ecosistema urbano forma parte del equipo curador June 28 1

city splash! – copa cagrana neue | ecosistema urbano + transform.city en viena a orillas del danubio June 17 1

international conference on city sciences | santiago de chile, 16-17 junio 2016 June 13 1

workshop asf-uk resilience by design | nepal 2016 June 10 0

urbanlab santa marta: un nuevo reto del bid para los jóvenes de américa latina June 7 0

ahora puedes contribuir al libro "civic practices" | un proyecto de civicwise June 3 0

vii edición del máster en arquitectura y energía_ entrevista al director miguel ángel díaz camacho May 31 0

concurso internacional santiago ecologías emergentes | santiago de chile 2016 May 25 0

mapeo humanitario: cómo ayudar al ecuador después del terremoto April 27 0

city splash! for copa cagrana neue | ecosistema urbano + transform.city proposal for vienna April 26 2

call for projects eme3 2016_ "contingencia y praxis" April 15 0

VISITA LAS WEBS DE NUESTROS PROYECTOS ACTIVOS:



Enter your email [SUBSCRIBE]

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Ecosistema Urbano 44,452 likes [social sharing icons]

CATEGORÍAS:

Categorías: urban social design

TAGS

2010 andrés walliser architecture arquitectos arquitectura barcelona belinda tato boletín ciudad ciudades concurso

FACEBOOK[ecosistema urbano](#)Fans **46,7K****TWITTER**[@ecosistema](#)Followers **25,5K**Tweets **6,5K****YOUTUBE CHANNEL**[eutv](#)Uploaded videos **296**Subscribers **646**Total views **117K****SCRIBD**[ecosistemaurbano](#)Publications **386**Total views **557K****ISSUU**[ecosistema urbano](#)Publications **40**Impressions **193K**Reads **17K****FLICKR**[ecosistemaurbano](#)Published photos **5,596****PINTEREST**[ecourb](#)Pins **2,500**Average Daily Impressions **2,600**



Ecosistema Urbano

Madrid, Spain

Ecosistema urbano is a Madrid based group of architects and urban designers operating within the fields of urbanism, architecture, engineering and sociology. We define our approach as urban social design by which we understand the design of environments, spaces and dynamics in order to improve self-organization of citizens, social interaction within communities and their relationship with the environment. We have used this philosophy to design and implement projects in Norway, Denmark, Spain, Italy, France and China.

ecosistemaurbano.com



Screenshot of ecosistema urbano's Issuu page

PUBLICATIONS

DREAMHAMAR

A NETWORK DESIGN PROCESS FOR COLLECTIVELY REIMAGINING PUBLIC SPACE

DATE: 2014

SCOPE: A NARRATION OF THE DREAMHAMAR PARTICIPATORY PROCESS AND DESIGN PROJECT

PUBLISHED BY: LUGADERO

EDITED BY: ECOSISTEMA URBANO

DISTRIBUTION: LUGADERO

PROJECT:

After ending the participatory process and collecting a huge amount of material and inputs from the different stakeholders during the different activities, we decided to publish a book in order to narrate the participatory process and how it shaped the final urban design.

The book aims to show in detail all the steps that were undertaken and the contributions of the par-

ticipants involved during the years of the project's development. It is the most direct way to illustrate and disseminate the innovative experience of Dreamhamar as a case study, and to propose generic participation tools that can easily be reused for any Dream your City project.

The text of the book is both in English and Norwegian.



NETWORKED URBANISM

DESIGN THINKING INITIATIVES FOR A BETTER URBAN LIFE

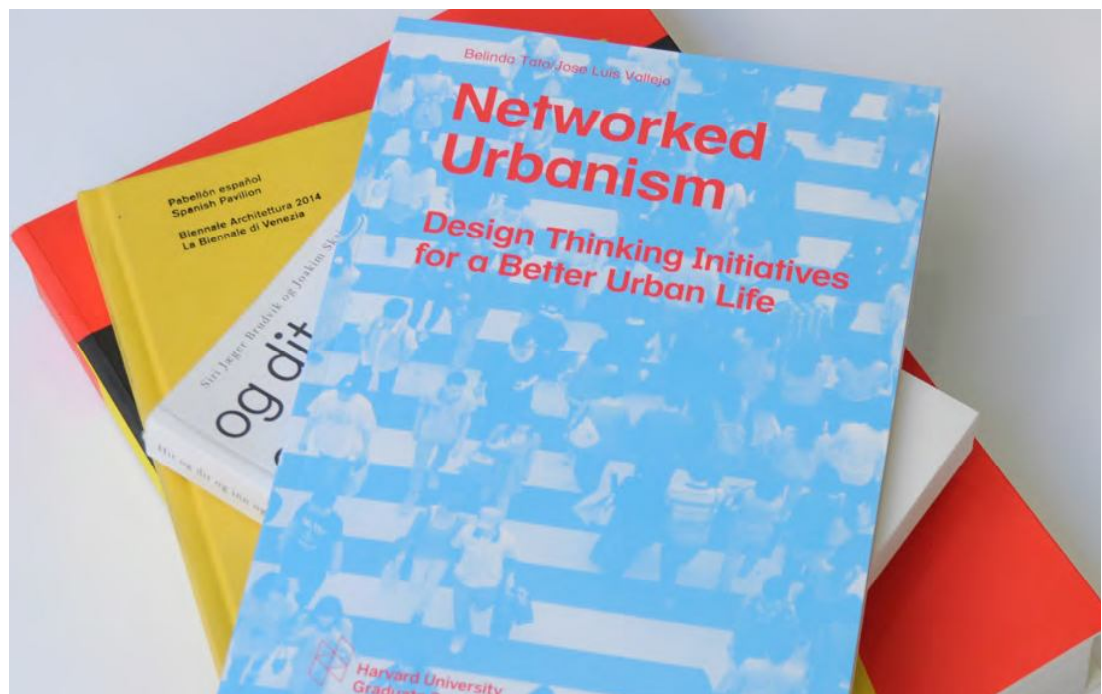
DATE: 2014**SCOPE:** A COLLECTION OF WORKS FROM “NETWORKED URBANISM” STUDIO**PUBLISHED BY:** GSD HARVARD**EDITED BY:** ECOSISTEMA URBANO**DISTRIBUTION:** GSD HARVARD**PROJECT:**

The book is the product of three different studios taught by Belinda Tato and Jose Luis Vallejo at the Harvard University Graduate School of Design, in Boston, during Fall Term of 2010, 2012, and 2013. The three courses shared the same approach while focusing on slightly different topics; this approach, what we call network-design thinking, is an alternative to the traditional way of designing cities from a bird’s eye view, and a single designer’s perspective.

The book dives deep into the exploration of these principles, first through four essays: “Digitas Meets Humanitas” written by Blair Kamin, the

Pulitzer Prize-winning architecture critic of the Chicago Tribune; “A Different Design Education” by Lulu Li, a former student and creator of bike-napped.com; “

The second part of the book contains 19 selected projects organized by their main area of intervention. Even if, obviously, they all can not be easily categorized under a single topic, the first projects are more focused on Environmental issues followed by the ones centered on Social interventions and finally by projects considering more the Digital realm, which are reconnected to the Environmental ones closing the conceptual circle of topics.



ARTICLES AND PAPERS

A selection of our published articles and papers:

Ruralism: The Future of Villages and Small Towns in an Urbanizing World
Vanessa Miriam Carlow, Institute for Sustainable Urbanism ISU, TU Braunschweig (ed.).
Interview to Belinda Tato.
Jovis, 2017

Plan Maestro para el Centro Histórico de Asunción (CHA)
Texts and images: Ecosistema Urbano
Pasajes Arquitectura, Diseño e Innovación, No. 135, 2014.

Network design: Dream Your City - PDF
Texts and images: Ecosistema Urbano
Harvard Design Magazine, No. 37, "Urbanism's Core?". 2014.

dreamhamar: a network design process for collectively reimagining public space
Ecosistema Urbano and other authors
Lugadero. 2013.

Planning for Protest - Madrid
Texts: Ecosistema Urbano. Images: Various authors.
Planning for Protest. Project Projects. 2013.

Urbanismo instantáneo. De la ciudad a la naturaleza
Belinda Tato + Jose Luis Vallejo.
Revista Arquitectura Viva, N° 141: Espacios Efímeros. 2012.

Libreto para el documental: Shigeru Ban. Arquitectura de emergencia.
Texts: Belinda Tato + Jose Luis Vallejo. Drawings: Jaime Eizaguirre.
Colección arquia/documental. Fundación Caja de Arquitectos. 2011.

Reconquistando la ciudad. Propuestas alternativas de participación ciudadana
Belinda Tato + Jose Luis Vallejo.
Revista Arquitectura Viva, N° 136: Escenarios urbanos. 2011.

Vivir del sol
Belinda Tato + Jose Luis Vallejo.
Arquitectura Viva N°130: La hora solar. 2010.

Gran via Commons (Gran Vía Procomún)
Texts: Belinda Tato + Jose Luis Vallejo. Drawings: Jaime Eizaguirre.
Laboratorio Gran Vía. Fundación Telefónica. 2010.

Ciudad Re
Ecosistema Urbano
Revista Neutra N°15.2007

Parece que todo es relativo, pero en estos tiempos de confusión probablemente lo más sostenible es la educación.
Ecosistema Urbano
Revista Arquitectos N°182. Bajo consumo [II]. 2007.

Terapia Sub-Urbana
Ecosistema Urbano
Revista Arquitectos, N°179. Arquitectura Enzimática. 2006.

EXHIBITIONS

A Selection of other exhibition we participated:

2015 Dec.- Biennale of Architecture. Shenzhen, China. Curators: Betsky, Brillembourg & Klumpner

2015 May.- Lo que ha de venir ya ha llegado, Koldo Mitxelena Kulturunea, **San Sebastián, Spain.**

2015 Feb.- Export. fundación ICO. curator: Edgar González. **Madrid, Spain.**

2014 May.- Lo que ha de venir ha llegado. Centro Andaluz de arte contemporáneo. **Sevilla, Spain.**

2013 Sep.- participation at the Oslo Triennale 2013. **Oslo, Norway.**

2013 Sep.- exhibition Planning for protest. Lisbon triennale. Curators: R.Gomes, B.Allen & J. Bae. **Lisbon, Portugal.**

2012 Nov.- Importing architecture. Nasjonalmuseet of art, architecture and design. **Oslo, Norway.**

2012 Abr.- participation: Empowerment in practice. Harvard GSD. Curator: Andres Lepik. **Boston, USA.**

2012 Apr.- Re-Architecture exhibition. Pavillon de l'Arsenal, **Paris, France.**

2011 May.- Nouveaux équipements à Paris. Pavillon de l'Arsenal, **Paris, France.**

2009 Oct.- A user's manual. Seoul design olympiad 2009. curator: choon choi. **Seoul, Korea.**

2009 May.- Green architecture for the future. Louisiana museum of modern art. **Copenhagen, Denmark.**

2009 Feb.- Solo exhibition. Le sommer environnement gallery. **Paris, France.**

2008 Dec.- II Bienal de arquitectura, arte y paisaje de Canarias. Santa Cruz de **Tenerife, Spain.**

2008 Oct.- Exposición alterpolis. Matadero **Madrid. Spain.**

2008 Aug.- Out There: Arch. Beyond Building. Xi Venice Bienale. Int. Pavilion. Curator: Aaron Betsky, **Venice, Italy.**

2008 Jun.- Zaragoza Kioto. Spanish Pavilion. Zaragoza Expo. Curator: Luis Fdez. Galiano. **Zaragoza, Spain.**

2008 May.- New Urban Ecologies. Galería Spazio Fmg. Curator: Luca Molinari. **Milano, Italy.**

2007 Jul.- Terapia Urbana. Cgac **Santiago De Compostela, Spain.**

2007 Feb.- Ecosistema Urbano. Exhibition At Coac, **Barcelona, Spain**

2006 May.- Freshmadrid. Madrid Young Architects Collective Exhibition. Curator: Ariadna Cantis. **Madrid, Spain.**

TRAINING AND EMPOWERMENT

- 2016 Aug.- La Dimensión Humana Del Espacio Público. Univ. De Chile. **Valparaíso, Chile**
- 2016 Jun.- Taller Activación De Barrios. Interamerican Development Bank. **Santiago De Chile, Chile.**
- 2015 Jan.- Networked Urbanism. Hong Kong Design Institute. **Hong Kong, China.**
- 2015 Jan.- Mad Asia Conference. Make A Difference. **Hong Kong, China.**
- 2014 Feb.- Sustainable Exuma. Government Of The Bahamas, Bnt & Harvard Grad. School Of Design, **Georgetown, Bahamas.**
- 2013 Nov.- Laboratori Dal Basso. Workshop "Reuse-Newuse". Regional Govern. Of Puglia. **Bari, Italy.**
- 2013 Apr.- Identity City Lab. Creative Region **Linz, Austria.**
- 2012 Jun.- Sustainable Transformation. Aarhus School Of Architecture. **Aarhus, Denmark**
- 2012 Feb.- What If...? Workshop Manama. Ministry Of Culture Of Bahrain. **Manama, Bahrain**
- 2012 Feb.- Design Studio. Ma Design. Elisava School Of Design And Engineering. **Barcelona, Spain.**
- 2011 Oct.- Appstorming. Workshop At Istituto Europeo De Diseño. **Madrid, Spain.**
- 2011 Sep.- Royal Danish Academy Of Fine Arts, School Of Arch. **Copenhagen, Denmark.**
- 2011 Sep.- Urban Social Design. Workshop At Univ. Internacional De Andalucía. **Sevilla, Spain.**
- 2011 Jul.- Atlas On Density. Illinois Inst.of Technology Of Chicago & Ie School Of Arch. **Madrid, Spain.**
- 2011 Jun.- Masters Program. Arch. And Urban Culture Metropolis 2011. Cccb+ Upc. **Barcelona, Spain.**
- 2011 May.- Festarch-Lab. Intern. Arch. Festival By Abitare. Curator: Stefano Boeri. **Terni, Italy.**
- 2011 May.- What If...? Alicante , Ciudadanía Organizada En Red.. Camon. **Alicante, Spain.**
- 2011 Mar.- Architects Meet In Selinunte. Prospettive Per Il Prossimo Futuro. Aiacc. **Selinunte, Italy**
- 2010 Oct.- Noubarrisnou#2: Temporary Urban Interventions. L'esc. D'art I De Disseny Deia. **Barcelona, Spain.**
- 2010 Sep.- Pratiche Urbane In Spazi Altri. Ri-Generazione Urbana. **Ferrara, Italy.**
- 2010 Jul.- Dimensión Urbanístico Espacial De La Univ. Como Espacio Urbano. Udc, **Coruña, Spain.**
- 2010 May.- Recycling Urban Industrial Landscape. Cccb + Master In Landscape. Uab. **Barcelona, Spain.**

2009 Jul.- Darsena Ecosocialab. Politecnico Di Milano, Naba & Forma. **Milano, Italy.**

2009 Sep.- Seminario De Arquitectura. Etsaz Univ. San Jorge. **Zaragoza, Spain.**

2009 Mar.- Sostenibilidad Urbana Creativa. Xv Design Conf. E. Sup. Diseño La Rioja. **Logroño, Spain.**

2008 Dec.- Ciudades De Código Abierto, De Periferias A Ecobarrios. Casa Encendida. **Madrid, Spain.**

2008 Oct.- Alter Polis. Creative Production Workshop. City As A Playground. Matadero **Madrid, Spain.**

2008 Sep.- Sostenibilidad Urbana Creativa Workshop. Centro De Arte Contemporáneo. **Huarte, Spain.**

2008 Jun.- Raumpiloten. Workshop At Faculty Of Architecture. Bauhaus-Universität **Weimar, Germany.**

2008 May.- Urban Creativity Workshop. Escuela De Bellas Arte De **Cuenca, Spain.**

2008 Jan.- Condiciones Metropolitanas Contemporáneas. Paisaje Transversal. **Etsam, Madrid, Spain.**

2007 Oct.- Ossa Workshop. Gliwice, **Silesia. Polonia.**

2007 Oct.- Espacios Residuales. Ecosistema Urbano + Carlos Teixeira. Casa Encendida, **Madrid, Spain.**

2007 Oct.- Arch. & Sustainability. Etsas + Centro Andaluz De Arte Contemporáneo. **Sevilla, Spain.**

2007 Abr.- Lav01: Lab. Arq. Vivas Workshop With Ll. Sabadell & J.g. Decosterd. **Gran Canaria, Spain.**

2004 Sep.- Parkeing. Workshop At School Of Architecture Of Alcalá De Henares, **Madrid, Spain.**