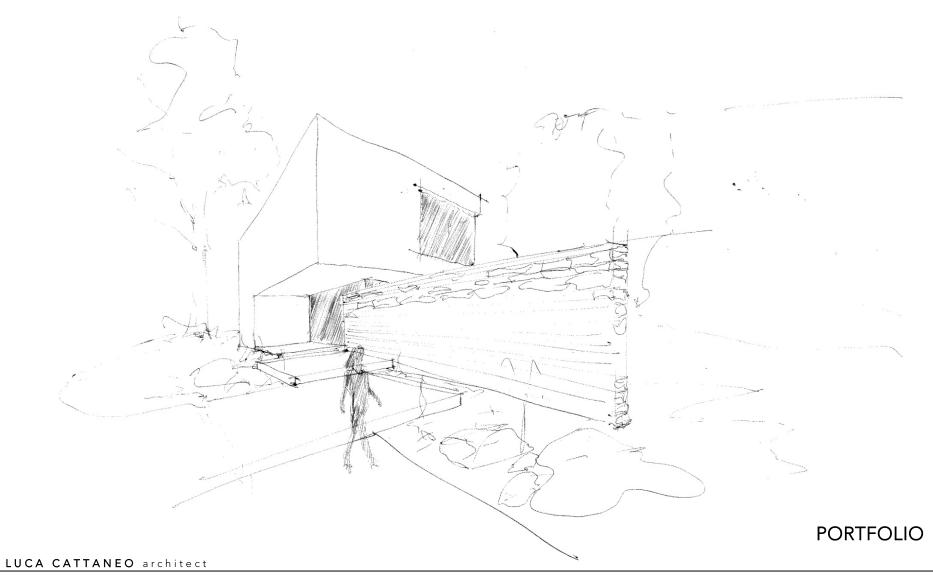
# LAC ARCHITECTURE + INTERIORS



### Profile

Luca Cattaneo was born in Varese, Italy in 1972. He studied Architecture at *Politecnico di Milano* and *Universität Dortmund Fakultät Bauwesen*, Germany.

His professional activity began in Germany in a new - growing architecture agency (ARCHITEKTURBÜRO KFD) where he worked before and after graduating (1998). Dissertation subject "City Library of Dortmund", supervisor **MAX DUDLER**. He has been Prof. assistant of Architecture Planning at *Politecnico di Milano*.

He participated to International Competitions and public building projects for a master and guide of Italian architecture, **GIANCARLO DE CARLO**, working for two years (2000-2001) in his Milan based office.

He spent two years (2001-2003) in Paris working for ADP – Aéroports de Paris led by architect PAUL ANDREU on the renewal of Paris-Charles-de-Gaulle-Airport Terminal 1.

In 2004 he started his own architecture practice, working most of the time as a free-lance consultant.

He has been consultant for BLAST s.r.l. in Milan conceiving various buildings at JEAN NOUVEL's "Kilometrorosso" in Bergamo as well as other projects in Italy and Europe.

Free-lance consultancy from 2007 to 2011 as director of design department for GL events company on Major Sport Events :

Cricket World Cup 2007 in the West Indies, Hong Kong Test Events 2007, Beijing 2008 Olympic Games, 2009 13th FINA WorldChampionship, Internazionali d'Italia Roma ATP Tour 2009, FIFA Confederation Cup 2009 South Africa, FIFA World Cup 2010 in South Africa, Commonwealth Games 2010 in Dehli, AFC Asian Cup 2011 in Qatar, African Cup of Nations 2011 in Gabon and London Olympic Games 2012.

He worked as chief project manager at **DOMINIQUE GRENIER Architecture SA** in Geneva from end of 2011 to beginning of 2017.

He is a registered member of the French Architects Association (Ordre des Architectes Français).

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# Buildings

## Headquarter of Brembo S.p.A Science Park KILOMETROROSSO (Bergamo)

With BLAST studio in Milano and Atelier Jean Nouvel

Location: Stezzano Client: Brembo S.p.A Project: 2003-2006 Realization: 2004-2006

Function: Research and offices – Headquarter

Surface: 10700 sqm

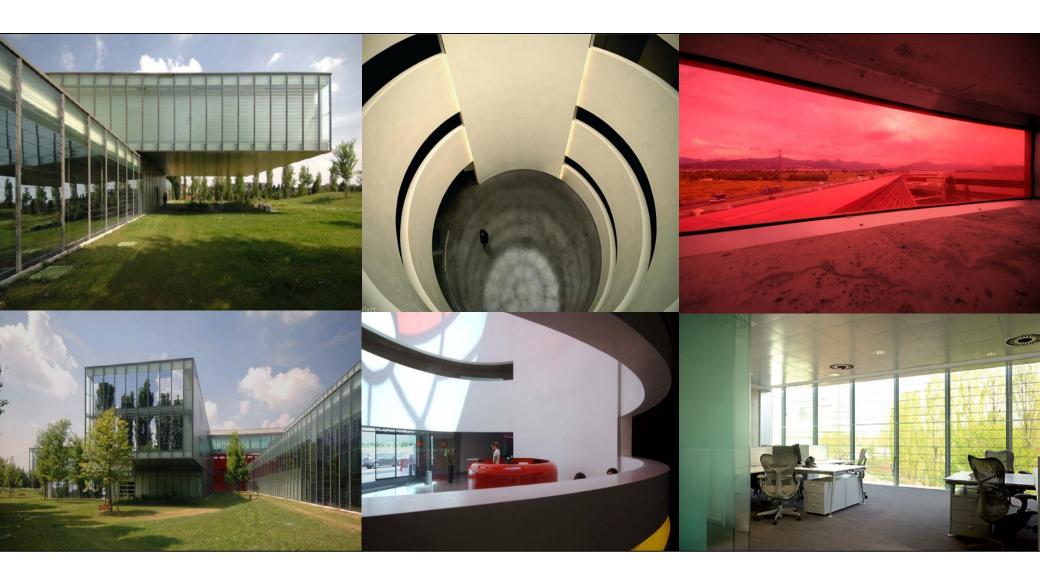
**Planning Phases:** Design Development (DD), Construction Documents (CD), Construction Administration (CA), interior

design, relations with AJN in Paris

BLAST was in charge of the interior design and supervision of the construction site in relation with AJN studio.

Brembo Spa is the first company settling in the Scientific-Technology Park Kilometrorosso. The new labs and research centres, designed by Atelier Jean Nouvel, are set in the west wing of the complex, and composed by longitudinally stretching volumes, perpendicular to the line of the red wall. The interior project has been started from the cylinder hosting the reception. A system of vertical connections articulates around a full-height space, and connecting to the *rue corridor* at the upper floors, allows reaching all spaces into the new head office. The material and colours chosen for indoor are all inspired to a severe aesthetic: the high-quality concrete of the perimeter walls, opposes to the lightness and transparency of the separations made of serigraphed glass, visually merging with the surrounding park.





# Office building A2-1 Science Park KILOMETROROSSO (Bergamo)

With BLAST studio in Milano

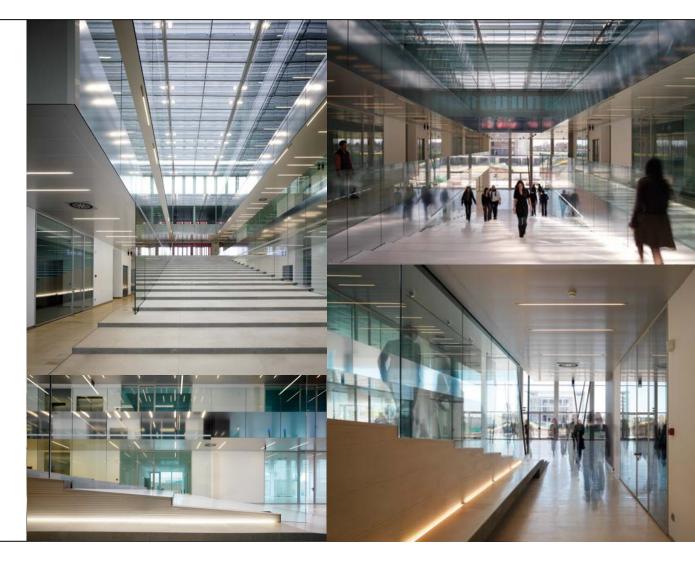
Location: Stezzano Client: River S.p.A Project: 2004-2006 Realization: 2006-2008 Function: Offices and facilities

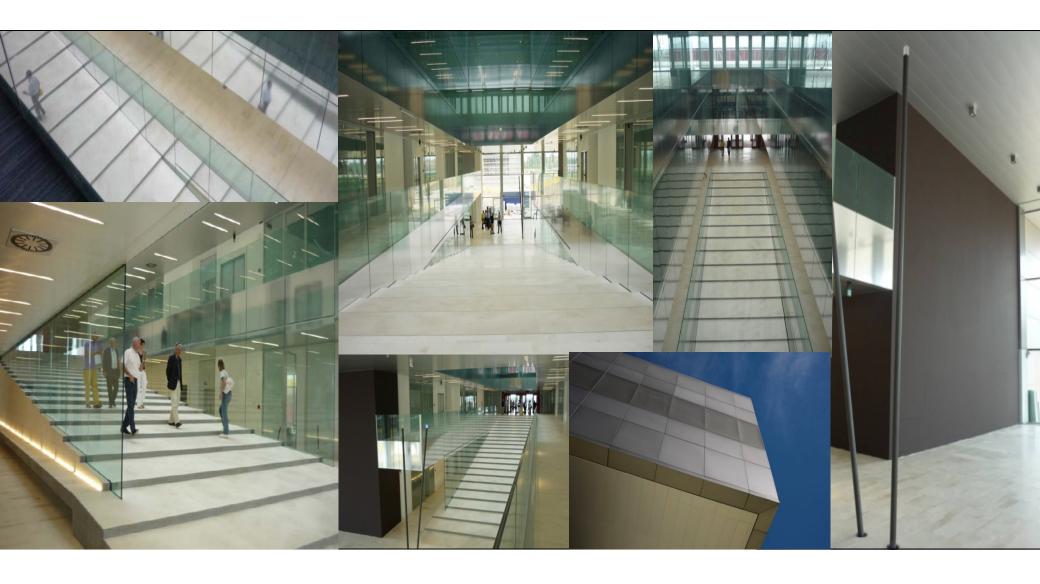
Surface: 9000 sqm

**Planning Phases:** Project Research, Schematic Design (SD), Design Development (DD), Building Permit, Construction

Documents (CD).

The Professionals Centre building is on four levels directly anchored to the Kilometrorosso red wall and represents the reception gate of the Scientific Park. The first two levels are of public use: shops, conference rooms, a restaurant and a cafeteria. The last two levels are conceived for office use and for Kilometrorosso headquarter society. The building is the first in this area to be classified as Sustainable Building according to the Italian CASACLIMA certification (A class) and the American LEED certification (Platinum). This standard has been achieved through a building volumes composition that allows the sun to get into the building during the winter period and protects the windows from direct sunlight in the warm summer months. Technologic solutions as a metallic see-through shield or thick and high-performance isolating walls allow the building to reduce energy consumption to 70%





# Bulding A1 *Università degli Studi di Bergamo* Science Park KILOMETROROSSO (Bergamo)

With BLAST studio in Milano

Location: Stezzano Client: River S.p.A Project: 2004-2006 Realization: 2006-2008 Function: University Surface: 5000 sgm

**Planning Phases**: Concept development, Project Research, Schematic Design (SD), Design Development (DD), Building

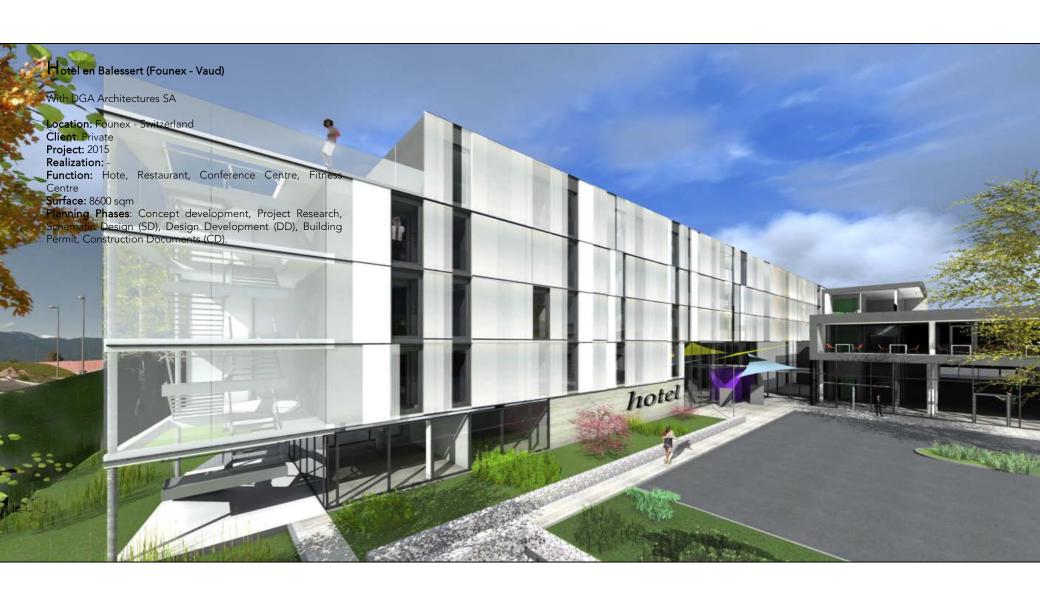
Permit, Construction Documents (CD).

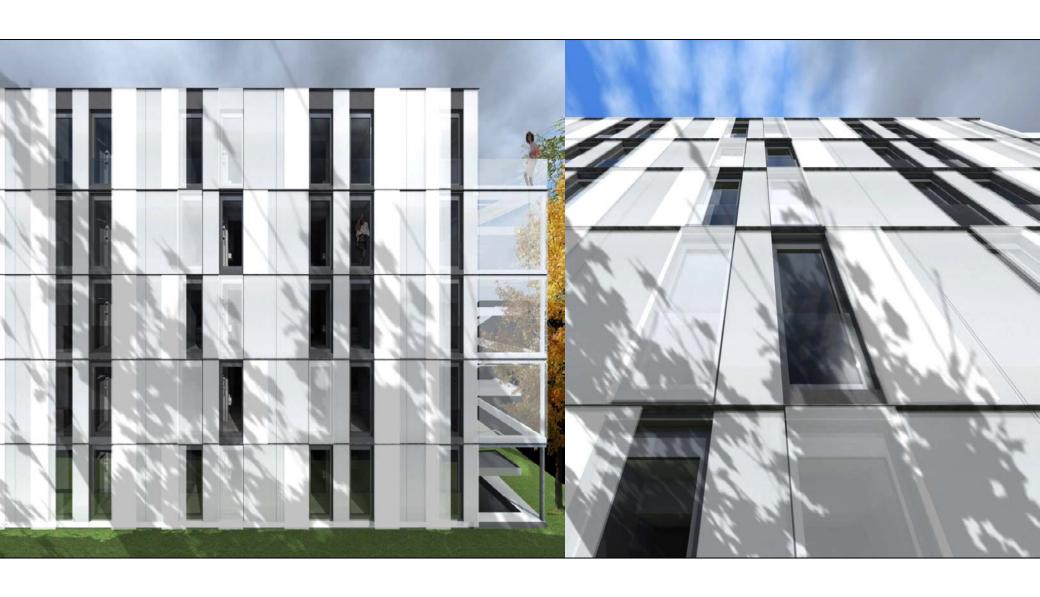
The building is located directly in touch with the Kilometrorosso red wall. It hosts spaces for the Università degli Studi di Bergamo. The teaching and research areas are devided into three floors, one of which is in the basement and two above ground. The two upper levels host open-spaces destined to laboratory and offices, while in the basement five classrooms will be located, facing the outdoor green park through wide windows. This project is calibrated to minimize energy consumptions. The University Centre has low energy consumption, lower by a tenth in comparison to traditional buildings. It marks a further step forward: it reduces also consumption for summer conditioning and turns to be a last generation sustainable building. The façade is composed of glass modular panels with a wooden grid inside the two glass slabs of each element in order to protect the interior spaces from the direct sunlight.



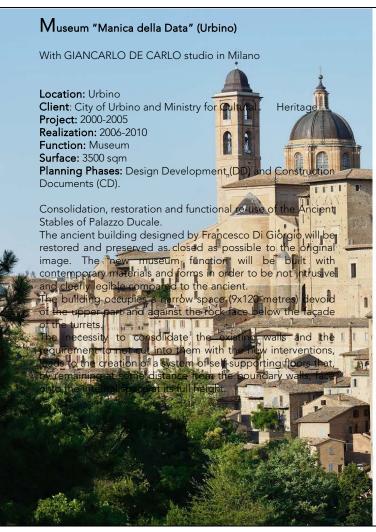








## **Public Buildings**

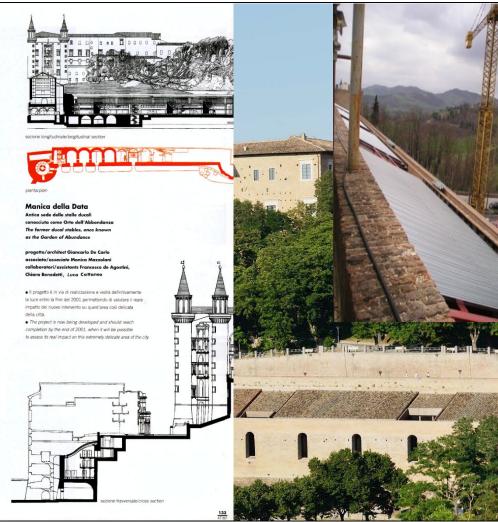


# GIANCARLO DE CARLO DUE PROGETTI RECENTI PER URBINO

L.M. Urbino da più di cinquant'anni svela i frammenti di una ricerca incessante e caparbia che vede Giancarlo De Carlo nei differenti panni di autore, intellettuale, provocatore e anche vittima. Un caso di longevità nei rapporti istituzionali e operativi eccezionale per la realtà italiana dove molto spesso i progetti non riescono a vedere la luce a causa dei continui rivolgimenti politici e della mancanza di visione della classe dirigente. È in quest'ultimo anno sono ancora tre progetti di De Carlo a muovere le acque della polemica e insieme a comporre con nuovi particolari il quadro di una visione che si sta acendo sempre più chiara. Si tratta di interventi localizzati all'interno del centro storico e con una lunga storia amministrativa e progettuale: Palazzo Battiferri e Palazzo Passionei, restaurati e destinati il primo a nuova Facoltà di Economia e il secondo a sede della Fondazione Carlo Bo, e il progetto per la "Manica della Data" come nuovo spazio museale ed espositivo nell'ambito del complesso di Palazzo Ducale. Ed è proprio su quest'ultimo progetto che si sono scatenate le polemiche non tanto per le resistenze della Sovraintendenza, abitualmente additata come una delle cause della difficoltà di interventi "moderni" all'interno del tessuto storico, quanto piuttosto da una levata di scudi di un gruppo di intellettuali fautori di un intervento conservativo subito ripresa su scala locale dall'opposizione Polista capeggiata dallo Sgarbi Furioso. L'intervento coinvolge un'area strategica e di grande valore urbano, quelle stalle ducali, progettate da Francesco di Giorgio nel 1490, in un grande spazio intermedio tra la sottostante piazza del Mercatale e Palazzo Ducale. Il progetto di De Carlo è l'ultimo elemento di un Piano generale per l'area del Mercatale, che tra il 1970 e il 1983 aveva già portato al restauro della rampa di risalita di Francesco di Giorgio e il soprastante Teatro Sanzio in un sistema complesso di collegamenti, spazi espositivi e per lo spettacolo, che dovrebbe allargare le potenzialità del Palazzo Ducale e insieme riportare alla luce la modernità dell'intervento ducale. La manica lunga 126 metri viene protetta con una nuova copertura e all'interno sono ricavati tre piani espositivi con una struttura metallica autonoma rispetto all'esistente. Una concezione del restauro che ritroviamo con accenni diversi nei due interventi per Palazzo Battiferri e Palazzo Passionei, dove a un'accurata opera di rilievo e monitoraggio del corpo di fabbrica antico segue la progettazione che continua a considerare il corpo di fabbrica come un organismo vitale inserito nei tempi della vita e della storia e non una reliquia da conservare con cieca devozione.

Gioncarlo De Carlo, two recent designs for Urbino. For ver fifty years, the city of Urbino and Giancarlo De Carlo variously cast as architect, intellectual, provocateur and even victim—have stuck stubbornly to their seemingly unending task of assembling the pieces of an architectural gigean puzzle that is gradually changing the face of the city. Institutional and professional relationships of such longesity are rare in Italy, where as often as not projects never see the light of day because of continual political uphenouslis and lack of vision on the part of the country's governing class.

Over this last year another three De Carlo projects have again stirred up controversy while adding new details to a general ar-





#### Drawbridge (Cervia)

With GIANCARLO DE CARLO studio in Milano

Location: Cervia

**Client**: Municipality of Cervia

**Project:** 1999-2001 **Realization:** 2001-2002

Function: Infrastructure – Bridge

Planning Phases: Construction Documents (CD)

Cervia has been a commercial harbour for centuries starting from the Roman period. The main city square has an artificial navigable channel that links the town and the back-country to the open sea. It was used mainly to transport salt from the inland to "Magazzino del sale", a building in the main city square, and from here traded through the Adriatic Sea.

The channel is still navigable and a touristic harbour has been recently built in the inland to host the growing requests of boat spaces.

The new bridge construction allows boats with mast and large size boat to enter the harbour.

The new bridge with its sculptural shape becomes a new caracterizing element in the city square. The steel bridge structure reminds of an archetype of a drawbridge. It is an image deeply anchored in our memories, as painted for instance by Van Gogh in the *Le Pont de l'Anglois* (1888).



#### Court of Justice (Pesaro)

With GIANCARLO DE CARLO studio in Milano

Location: Pesaro

Client: Municipality of Pesaro

Project: 1999-2001 Realization: 2001-2005

Function: Public Building - Court of justice

Planning Phases: Design Development (DD), Construction

Documents (CD).

The Palace of Justice of Pesaro offers an unusual model that differs considerably from other judicial buildings in Italy. De Carlo was convinced that a well-designed structure could contribute to improving the working conditions of lawyers and judges, and as much as possible, the correct procedure of judiciary activities. He therefore paid special attention in his project to the quality of the internal spaces. Access through the main entrance brings to a large internal court onto which all the public routes of the system lead. The large bright halls have glass partitions through which to assist at the debates. The heart of the system is a light metallic structure, raised to ten metres above ground and surmounted by a large skylight from which natural light filters down to the garden below. Covered in fabric, the metal cage contains the reading room of the library and represents the expressive fulcrum of the composition. Outside the building is faced with large handmade slabs of terracotta



### Residential

#### House (Varese)

**Location**: Venegono Superiore - Italy

Client: Private
Project: 2005-2006
Realization: Early 2009

Realization: Early 2009
Function: Residential dwelling—Bi-family house

**Surface**: 90 + 175 sqm

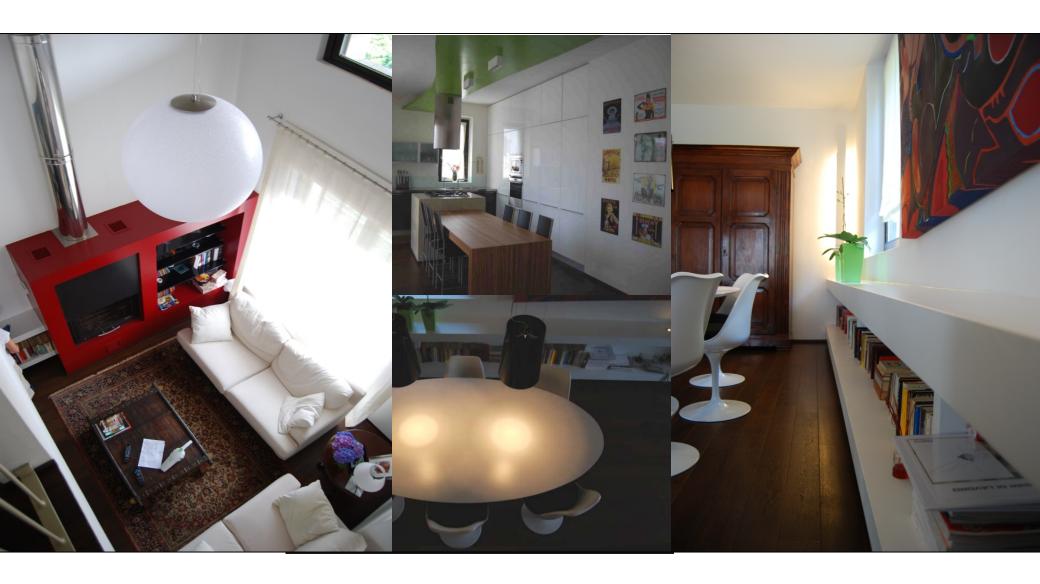
Planning Phases: Concept development, Project Research, Schematic Design (SD), Design Development (DD), Building Permit, Construction Documents (CD), Construction Administration (CA), interior and furniture design.

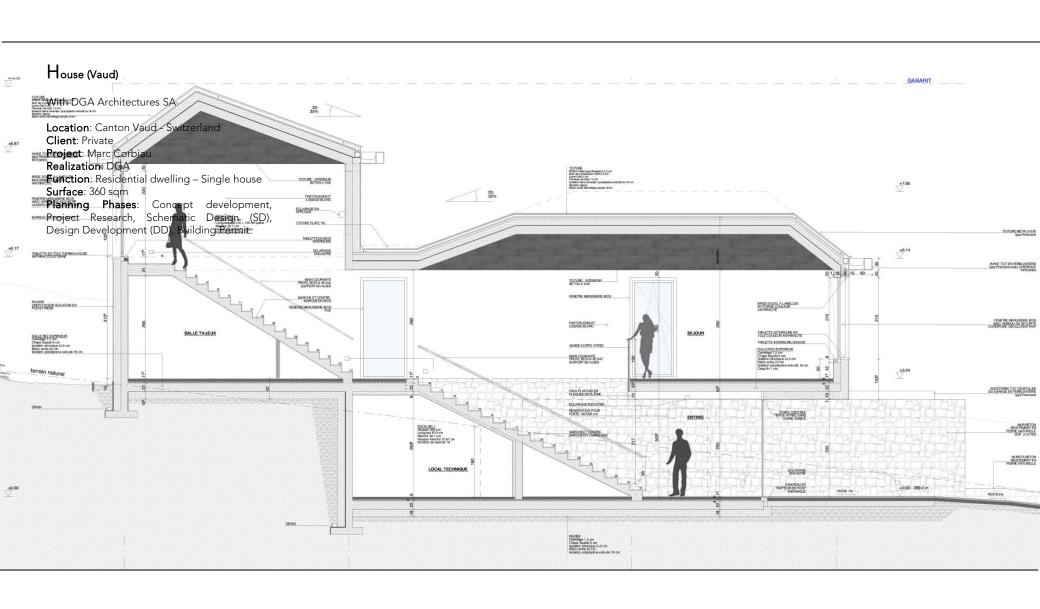
Restoration of a house of the 50s.

Redesign of the roof shape with a new level underneath, design of the first level interior space and partitions, furniture design.

Building technologies, materials and heating system allow the house to be classified in A class according to the Italian standard of Sustainable Architecture.









#### House extension (Douvaine)

**Location:** Douvaine – Haute Savoie

Client: Private Project: 2012 Realization: -

Function: Residential Surface: 80 sqm

**Planning Phases:** Concept development, Project Research, Schematic Design (SD), Design Development (DD), Building

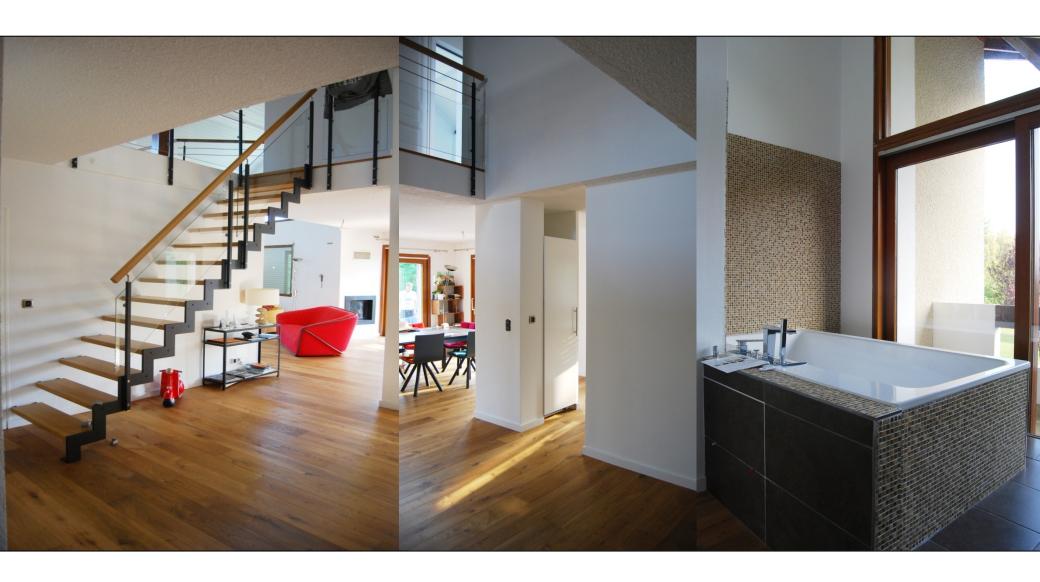
Permit.

Extension based on a wooden construction system. Green flat roof and wooden exterior cladding. Interior fit outs and furniture are part more than possible of the architecture in order to minimize the free standing classical pieces of furniture.









#### Apartment (Varese)

Location: Varese Project: 2007 Realization: 2007

Function: Residential Dweilling - Apartment

Surface: 85 sqm

Planning Phases: Interior and furniture design

The appartment is part of a building of the 70s designed with particular care of the details and use of materials. Stone, wood, organisation of interior spaces and some recall to organic architecture forms give the building a prestigious image.

The furniture and interior design is a commingling of style: contemporary design piece of furniture, craftmade furniture and old-traditional pieces. The result is cosy and eclectic ambience.



#### Apartment (Monza)

With Ismaele Marrone.

Location: Monza Project: 2003 Realization: 2006

Function: Residential - Apartment

Surface: 95 sqm

Planning phases: Construction Documents (CD) and furniture

design.

The renovation project has completely transformed the old apartment into a contemporary space for living. The style project used in the apartment has been sewed on the owner personal taste and way of living. The perimetral interior walls have been cladded with wood white coating; wooden birch floor from Scandinavia has been put in every room; ceilings have been cladded with plasterboards to host the air conditioning pipes, lighting and sound system.

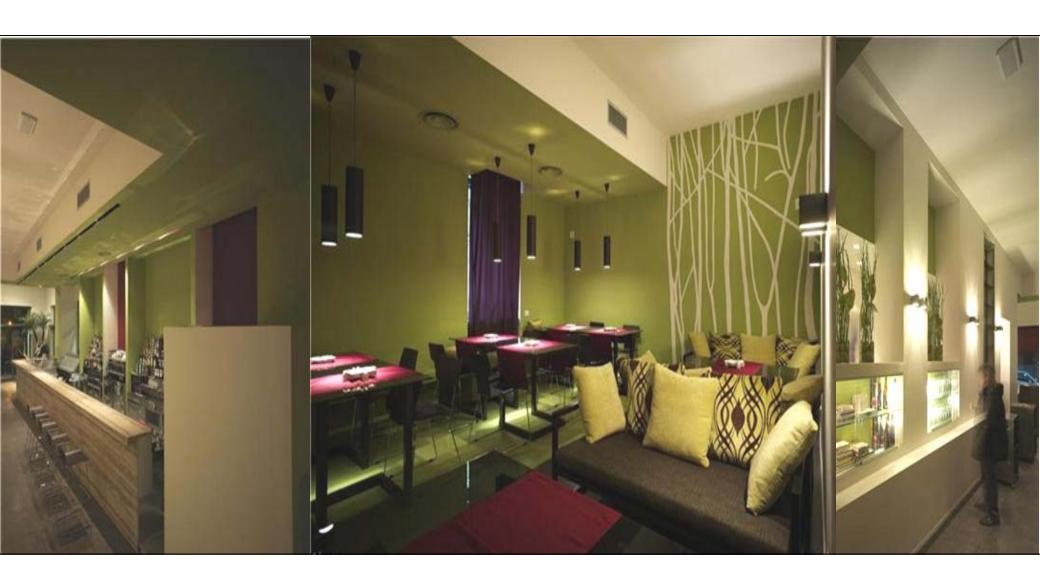






### Retails & Offices





#### BLAST studio (Milan)

With BLAST studio in Milan

Location: Milan – Foro Buonaparte

Project: 2003-2004 Realization: 2004-2005 Function: Office - Atelier

Surface: 210 sqm

Planning Phases: Construction Administration (CA), interior

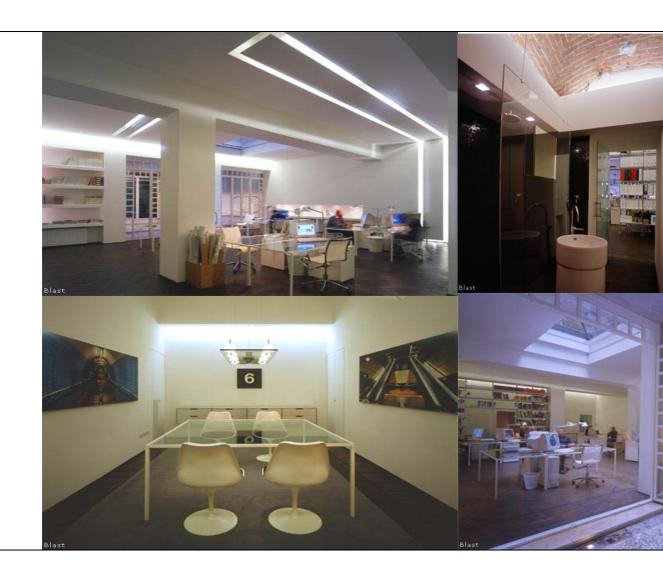
and furniture design.

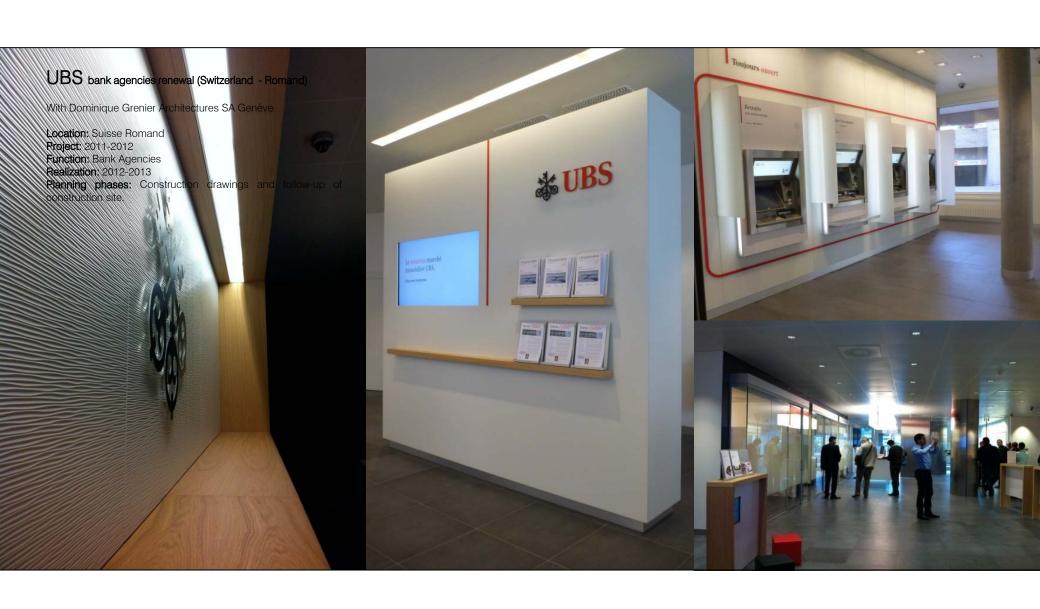
The new office space is located at the basement level of an ancient building in the centre of Milan (Foro Buonaparte).

The original basement space was used as cellar and deposit. The first step of the project was to heal and rehab the room spaces for a dwelling use: new walls isolations, pumps and plumbing to main drain.

In a second phase a second layer made of plasterboards has been put on walls and ceiling in order to give a fresh and linear atmosphere and isolation.

The big open-space receives light from full height windows, that open towards an interior patio, and from a natural skylight. Artificial lighting consists mainly of fluorescent neon bulbs. Light sources are hidden from direct view behind cladding on walls and ceilings. Predominance of bright-white colours highlights the luminous atmosphere of the office and gives an elegant contrast with the ancient dark wooden floor.





### **Events**

#### Cricket World Cup 2007 (West indies)

With GL events (www.gl-events.com)

Location: Caribbean – West Indies

Project: 2006

Realization: Tournament 13-03-2007 / 28-04-2007

Function: Stadium

Planning phases: Relations between Architects and GL event

(CAD drawings), Follow-Up of operations.

The 2007 ICC Cricket World Cup was a men's cricket tournament that took place in the West Indies. Nine venues were selected to host the World Cup: Antigua and Barbuda, Barbados, Grenada, Guyana, Jamaica, Saint Kitts and Nevis, Saint Lucia, Saint Vincent, Trinidad and Tobago. It has been considered the fifth major sport event in the world: nine island, nine different countries, 51 matches, 16 teams. The event was televised in over 200 countries to a viewing audience estimated at more than two billion and was expected to generate more than 100,000 unique visitors to the West Indies. GL events was selected as Official Overlay Supplier for all temporary facilities. Numbers: 40 people to organize the event, 30 people to manage the sites, 300 workers; 350 temporary structures for a surface of 30.000 sqm, 48.000 supplementary seats in temporary grandstands, 600 portaloos, 20.000 m of fencing, 30 reefers, 20.000 sqm of signage, 36 containers of furniture, 300 TV screens, 200 PC, CCTV-PAVA, turnstiles, 8.000 sqm of air conditioning; a total number of 300 containers shipped from Europe, North America and China.





# Beijing 2008 Olympic Games (Hong Kong) – Dressage, Jumping, Cross-country, Combined training

With GL events (www.gl-events.com)

**Location**: Hong Kong

Client: Hong Kong Jockey Club

Project: 2007-2008 Realization: 2008

Function: Dressage - Jumping - Cross Country Venues
Planning phases: Relationship with the clients for a Venue
Overlay Planning, Drawings Book, Public Authorities

Approvals, Construction Site.

Hong Kong hosted the Equestrian events for Beijing 2008 Olympic Games. GL events was the Official Overlay Supplier providing all temporary facilities as grandstands, canopies, tented structures, furnitures, IT and mantainace before and during the Event. The GL events' architect task was to define the Venue Overlay Design in collaboration with the Hong Kong Jockey Club representatives, Organisation Comitee, Functional Areas representatives and the architects/engeeneers offices in charge of the Buildings Design and Masterplans (Timothy Court & Company and ARUP Hong Kong).

www.arup.com/eastasia - www.timothycourt.com.au





### $Roma\ 2009\ 13th\ FINA\ World\ Championships$

With GL events (www.gl-events.com)

Location : Roma Project: 2009 Realization: 2009

Function: Temporary Infrastructure and facilities for all swiiming disciplines

Phases: Drawings Book for a presentation to the client and construction sites (CAD drawings).





#### FIFA WORLD CUP 2010 - SOUTH AFRICA

With GL events (www.gl-events.com)

**Location:** South Africa

Project: 2010

Realization: 2009-2010

Function: Overlay Services for all World Cup venues.

**Phases:** Project developement with the Local Organisation Committee and FIFA representatives. Construction Drawings.

#### A large-scale project for the FIFA World Cup 2010.

Already contracted as a provider in four South-African cities for the FIFA Confederations Cup 2009, and more recently for the Cup of African Nations, GL events-Oasys is responsible for implementing a wide range of temporary installation services, representing quite impressive volumes of equipment for a single event: Goal posts for training, Officials benches, seats, Players benches, Benches for medical staff, Referees bench.As well as:52,000m<sup>2</sup> of Temporary Structures, 678 Containers (Office, Storage containers) including 470 Modular Containers and ten buildings comprised of 30 units on two floors, Power distribution: Electrical Power Distribution: over 92,000m of cabling, 50,000m of cable troughs, 1,000 distribution cabinets, 19,000 electrical plugs,...68,000m² of fire detection systems 52,700m² of floor covering (carpet, vinyl), Outfitting of 95 TV / commentator studios, 10 audio and simultaneous translating systems for press conference rooms, 2,500 desks for press and TV commentators, Maritime freight: 150 containers shipped from France.





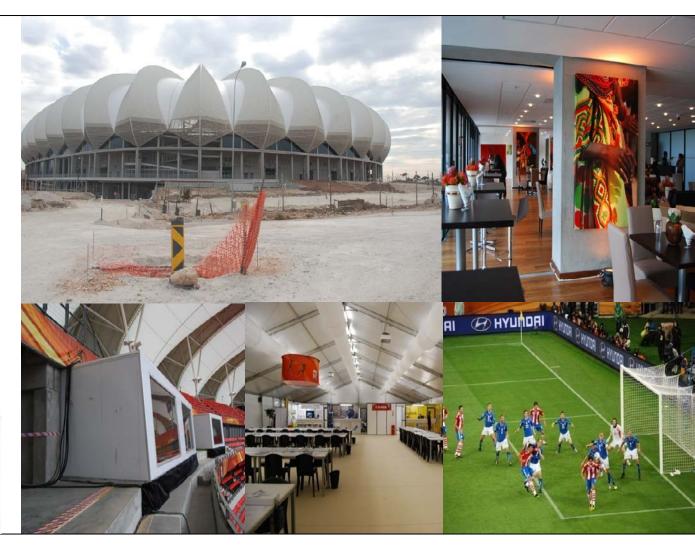
#### People at the heart of the company

CSR (corporate social responsibility) lives and breathes within the Group, above and beyond the simple application of legal texts. It is based on the Group's historical values. The commitment to human respect is part of our DNA. Thus, 3 key actions have been implemented: a free canteen for local site workers, creation of a minimum salary (50% above the minimum required by South African law), waste management and recycling program, 26 different nationalities, almost 3,000 people on all the sites.

#### For your information

This contract, worth over 40 million euros, is historic in many ways. It is one of the largest contracts ever awarded by an Organising Committee to a single provider, and it is also one of the largest for GL events in the field of major sporting events. The matches will be played in ten venues, spread across virtually all of South Africa: Soccer City Stadium and Ellis Park Stadium (Johannesburg), Green Point Stadium (The Cape), Loftus Versfeld Stadium (Pretoria), Peter Mokaba Stadium (Polokwane), Royal Bakofeng Stadium (Rustenburg), Mangaung Stadium (Bloemfontein), Nelson Mandela Stadium (Port Elizabeth), Moces Mabhida Stadium (Ethekwini) and Mbombela Stadium (Nelspruit). The opening match and the final was played on 11 June and 11 July at Soccer City, the largest stadium of the World Cup and one of the largest in the world? with 90,000 seats.





#### COMMONWEALTH GAMES 2011 - DEHLI

With GL events (www.gl-events.com)

Location Delhi, India

Project: 2010 Realisation: 2011

Fonction: Overlay Services for Athletes Village and Media

World Press Center at Pragati Maidan.

Phases: Project developement with the Local Organisation

Commitee . Construction Drawings.

The Delhi Development Authority and the Organising Committee have signed with GL events and its Indian partner Litmus two contracts for the provision of services for the 2010 edition of the Commonwealth Games to be held in Delhi, India, between 3 and 14 October. These Games that are organised every four years bring together athletes from Commonwealth countries representing 17 disciplines including notably athletics, swimming, cycling, boxing, rugby and gymnastics.

The contract awarded to the joint-venture 70%-held by GL events provides for the provision of temporary structures and installation services for 10 sites in Delhi including the Games Village, the new international airport and the Pragati Maidan exhibition and convention centre.

As service provider to the Commonwealth Games, GL events will set up the Games Village (restaurant, bus station etc.) and the VIP Lounges at the new international airport in Delhi and will install 40,000 m² of temporary structures, 53 km of fencing and 60,000 items of furniture.





#### ASIAN CUP 2011 - QATAR

With GL events (www.gl-events.com)

Location: Doha - Qatar

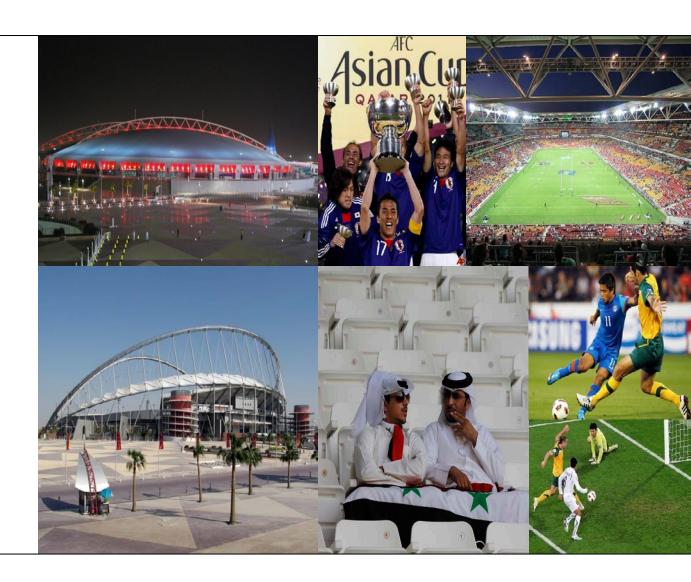
Projet: 2010 Realization: 2011

Function: Overlay Services for all venues.

Phases: Project developement with the Local Organisation

Commitee . Construction Drawings.





#### AFRICAN CUP OF NATIONS 2012 - CAN2012 - GABON

With GL events (www.gl-events.com)

Location: Libreville , Franceville - Gabon

Projet: 2011 Realization: 2012

Function: Overlay Services for all venues.

**Phases:** Project developement with the Local Organisation Committee . Construction Drawings.





#### Stand "BREMBO" 2007

With BLAST studio in Milan (www.blastarchitetti.it)

**Location**: International fairs

Project: 2006

Realization: Automechanika 2006 Frankfurt - Eicma 2006

Milano - Motortec 2007 Madrid **Function:** Temporary Fair Stand

Surface: 160 sqm

**Planning Phases:** Construction Administration (CA) and relations with the Fairs representatives, construction site.

Images, ideas and light to express concepts. Research, Excellence, Innovation, Design, Comfort, are the base concepts of Brembo's corporate identity. Blast's project translate these values and turns them into an architecture made of linear surfaces, composed to shape a pure volume, where the red of the company brand lights up. Lights and sounds project realised by Mario Nanni for Viabizzuno are complementary with the architectural project. An entrance corridor welcomes the visitor with blank-paged books: by a single touch, images and luminous words appear, talking about Brembo. In the main gallery, a white wall is highlighted by orthogonal red lines. The red lights come from the back of a range of squared panels, that can be pushed and rotated to reveal the brand products. Sounds and lighting projections surround the stand space. Offices, a lounge area, and a bar complete the stand.



### Links

www.jeannouvel.com

www.paul-andreu.com

www.adp-i.com

www.glevents.com

www.aeroportsdeparis.fr

www.mtaa.it

www.centrepompidou.fr/cpv/resource/c5BqM5/rejqr7q

www.kilometrorosso.com

www.laparchitetti.com

www.timothycourt.com.au

www.architekturbuero-kfd.de

www.grenier.ch

www.populous.com

www.arup.com/eastasia

www.olympic.org/london-2012-summer-olympics

www.fifa.com/worldcup/archive/southafrica2010

www.olympic.org/hong-kong-china

www.coupedafrique.com/can-2012

www.the-afc.com