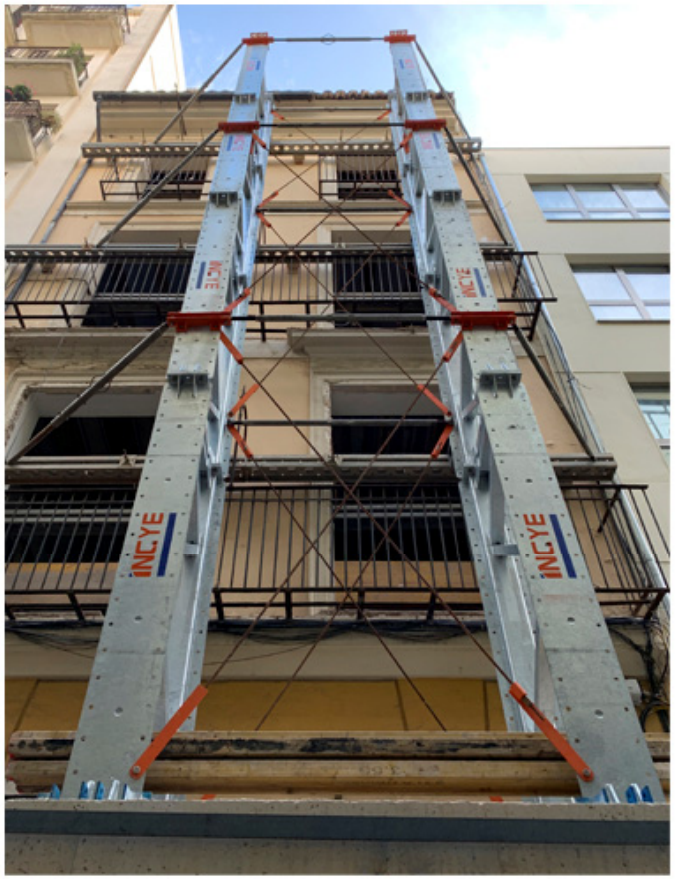


FAÇADE RETENTIONS

V. 2.1.1.

www.incye.com

Façade Retentios

- Pioneers in façade stabilisers and leaders in the Iberian sector since 1991.

- This system makes it possible to maintain the HISTORICAL and architectural VALUE of the building and at the same time, during the execution of the work, the aesthetics of the surroundings are maintained thanks to the simplicity and lightness of the structure.

- The façade stabilisation system is carried out with **Granshor** trusses or with **Superslim** lightened beams and/or **Megaprop** beams for heavy loads.

- **Granshor** trusses with up to 2,600kN axial load capacity per truss.

- **Superslim** beams have a working load capacity of 150kN.

- **Megaprop** beams are designed to carry high axial loads of up to 1,000kN per prop.

- The assembly of our façade stabilisers is as simple as that of a meccano and the versatility of the system, together with the wide range of accessories, allows us to meet any requirement on site.

EXTERIORS

Retentions

Colón 16, Valencia
ANTIQUE/ BERTOLÍN

Marqués de Valladares' Palace, Vigo
DESARROLLA Group

For the rehabilitation of this 17th century palace located in the Old Town of Vigo, a mixed interior and exterior stabilisation solution was chosen due to the narrowness of the streets, with a counterweighted Granshor structure tower being placed on the façade of Oliva Street, as it is the longest.

More information

Major de Sarriá 189, Barcelona
CALAF

Restoration of CASA GRASES, dating from the 16th century, for its transformation into a residential building.

Padre Jofre 19, Valencia
VÍCTOR TORMO

As a pedestrian street, this **Granshor** stabilisation tower allowed access to the communal garages and pedestrian and vehicle access areas to be maintained for pedestrians and authorised vehicles. The concrete counterweights were designed with a low height to facilitate their execution and subsequent removal.

In addition, we installed vertical beams in the highest part of th he installation of lifelines so that the roof could be demolished in complete safety.

More information

Mayor Antigua 69, Palencia
BERCOPA

The high load-bearing capacity of the **Granshor** truss allows for slender solutions with a low footprint. In this case, the counterweights were placed separately from the stabilised façade to create a portico with the **Superslim** system in combination with the **Granshor** truss, thus leaving a passage for vehicles under the stabiliser itself.

C. C. “Las Arenas”, Barcelona
DRAGADOS

Transformation of the former Plaza de Toros de las Arenas bullring into a shopping centre. Stabiliser in the form of a ring that braces the façade (circular in shape with a diameter of 100 m and a façade height of approximately 16 m).

The solution adopted was quite complex, as the towers of the stabiliser have to be supported on piles quite far from the façade and located at certain points and on perimeter concrete beams that embrace the façade at its base in the form of a sandwich and serve as a support platform for the inner feet of the towers.

Design of the structure made with **Superslim** and **Megaprop** material, constituting 36 stabilisation towers supported at the indicated points, which are joined to the façade by means of 3 levels of purlins, in order to stabilise 5,000 m² of the bullring, forming a ring around the perimeter of the façade, with the towers having a triangular section on the ground plan, in order to adapt to the special conditions of support.

More information

Comillas Foundation Headquarters, Cantabria
ACCIONA-SACYR-EMILIO BOLADO

For the refurbishment of the buildings of the former Comillas Pontifical University, an external façade stabiliser with **Superslim** towers on counterweights was designed to allow the façade to be supported, the interior structures to be demolished and new structures to be built.

Velázquez 23, Madrid
CONS. SAN MARTÍN

Refurbishment of an emblematic building built in 1900 on one of Madrid's main thoroughfares. This solution of **Megaprop** external towers with upper brackets will maintain the stability of the facades and cornice while the interior is refurbished to convert this office building into luxury flats.

St Bartholomew's Building, Salamanca
FERROVIAL

Carmen Square, Madrid
ORTIZ Cnes. y Pytos.

For the refurbishment of the old Madrid Cinemas, a structure with **Megaprop** external towers and cornice shoring was installed. The **Megaprop** inclined props have allowed the shoring of the entrance portico leaving access to the site for heavy vehicles.

More information

La Barqueta Building, Sevilla
ACCIONA

Casalduch 9, Castellón
CNES. JESÚS SALES

INCYE

Headquarters COAM, Madrid
FCC

Refurbishment of the former 18th century Escuelas Pías de San Antón to accommodate the current headquarters of the Madrid College of Architects.

Consisting of the installation of an external stabiliser with **Superslim** towers for the bracing of the façades and an elbowing with a **Megaprop** structure with a simple upper and lower chord lattice supporting loads for large spans, thus allowing the emptying.

More information

CaixaForum Building, Madrid
FERROVIAL

The façade of the former "Mediodía" power station in Madrid was preserved in order to build the CaixaForum headquarters.

Aqua Hotel, Via Layetana, Barcelona, CENTCLAUS

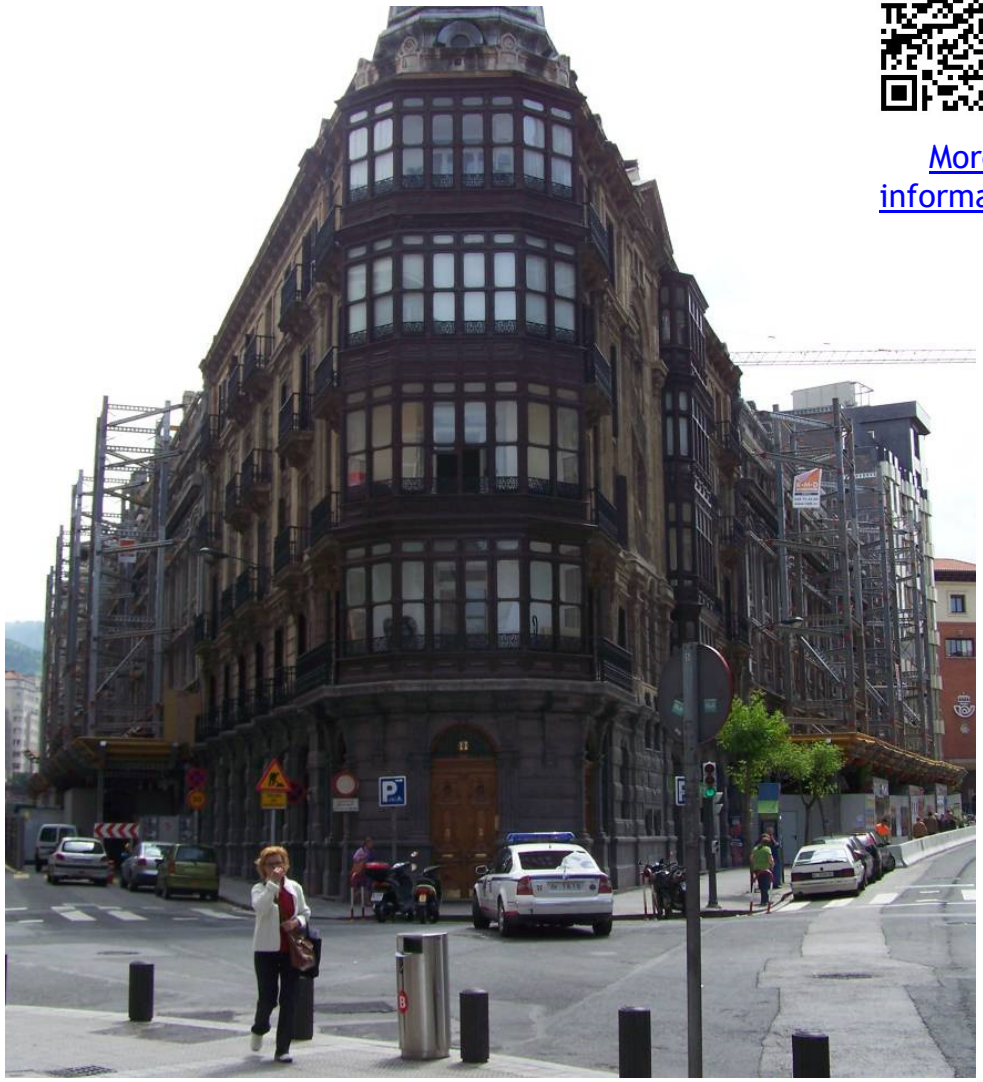
The **Megaprop** exterior towers of more than 30 m in height allow the rehabilitation of a historic building in the central Via Layetana in Barcelona, for hotel use.

More information

Coliseum Albia Building, Bilbao
CNES BALZOLA

Exterior stabiliser with **Megaprop** towers with two façades in the centre of Bilbao and integrated protective canopy structure. Former Albia Coliseum to be converted into the Bilbao Casino.

More information



La Puebla Health Centre, Palencia
FCC

Stabilisation of two façades with internally stiffened corner and counterweighted **Megaprop** towers for external stabilisation of the rest of the façade.

More information

Gamazo, 27 , Valladolid
BELEYMA

Paseo de Gracia, Barcelona
CODECSA

Bilbao, Barcelona
TAU UICESA

Villena Bullring, Alicante
AYTO. DE VILLENA

Avda. de La República, Lisboa, Portugal
RUI RIBEIRO

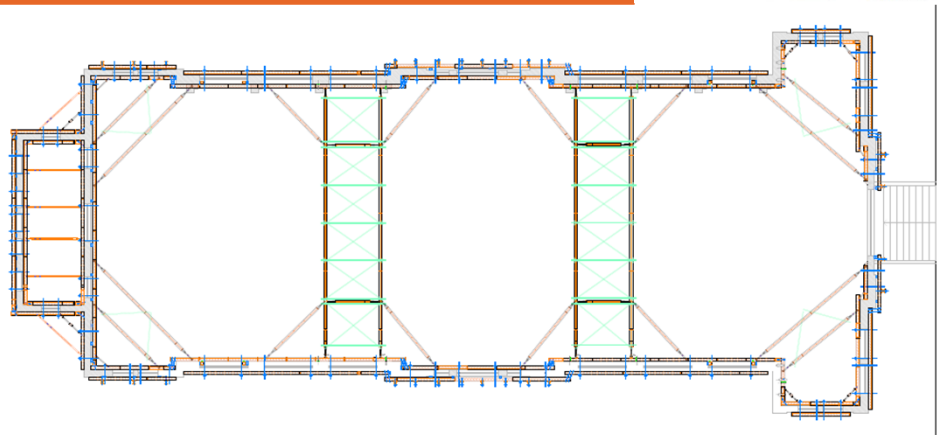
For the rehabilitation of this 1906 building located on one of the city's main avenues, a stabiliser was designed with **Megaprop** external towers and **Superslim** purlins, capable of maintaining the stability of the façades during the demolition of the original interior structure and until the construction of the new one.

More information

INTERIORS

Façades

Wholesale Market of Ourense
ACCIONA



Rehabilitation of a Classical building from the beginning of the 20th century, with cantilever walls and the appearance of a church with a basilica floor plan.

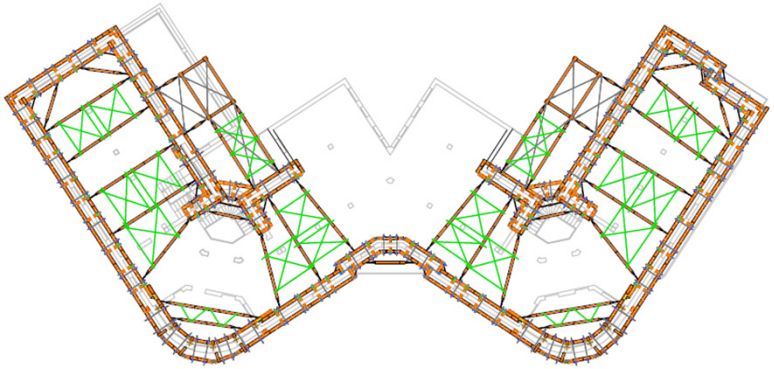
For the vacating of the building we installed a structure with "spar" type posts with two double levels.

Av. Diagonal 414, Barcelona
BYCO (INBISA)

Indoor 30 m-high **Megaprop** towers, bolted to micropile rafts

It is worth mentioning that this structure was assembled without auxiliary means due to the existence of the floor slabs

Ed. El Olivillo, Cádiz
SANDO



W-shaped building with a façade height of 18.2 m, which means 146 ml of façade and 2657 m2 of wall surface to be preserved.

Structure made with **Superslim** and **Megaprop**. Located on the first line of the coast where the wind comes directly from the sea without shelter.

More information

San Quirce 10, Valladolid
GEOXA

Lasala 2 Square, San Sebastián
RYDE - SADE

Stiffening solution in conjunction with bracing of diaphragm walls

Santo Cristo Square, Marbella
BILBA

Hotel Neya, Porto, Portugal
CARI

Rúa Ponte Codesal 21, Ourense
EMI- ÁLVAREZ

ADJOINING WALLS

San Telmo 5, Alicante
OUTDOOR URBAN

Rosal, Oviedo

CNES. EMILIO CUETO

Helga de Alvear Museum, Cáceres

VÍAS Y CNES.

Refurbishment of a modernist building dating from 1910 for conversion into the Helga de Alvear Museum of Contemporary Art.

Structure with **Superslim** beams for shoring up party walls and interior stabilisation of the façade, allowing the demolition of the old interior structure.