Renovation project report
Headquarters Endesa
Barcelona, Spain

Architect: Alotark Arquitectos & Consultores
Fabricator: Truque, Carpinteria Aluman
Product: 9,000 m² Reynobond® Architecture aluminium composite panels
Fixing system: Cassette system, elements in curtain wall
Specialties: Self- and air cleaning facade panels with EcoClean™ coating
Headquarters Endesa
Renovation connecting old and new architecture

The Spanish power company has selected an old hydroelectric power plant in Barcelona as its new headquarters. A complete renovation is making this historic structure one of the most symbolic buildings in the city. In addition to its outstanding energy efficiency, the building with a total surface of 30,000 m² is also notable for its extraordinary architecture. It combines the traditional facade of the former power plant with a modern, colourful façade mixing aluminium and glass. The special feature: One part of the building was cladded with the self- and air-cleaning aluminium composite panels Reynobond® with EcoClean™.

The properties of the facade are directly related with the key value of the building: sustainability. The implemented energy efficiency measures – based among others on the facade and window systems – have shown significant savings of energy and emissions. These efforts regarding conserving nature and resources and preserving the environment have also been complemented by the installation of solar collection panels and photovoltaic panels. The building also provides the latest standards in terms of safety and comfort.