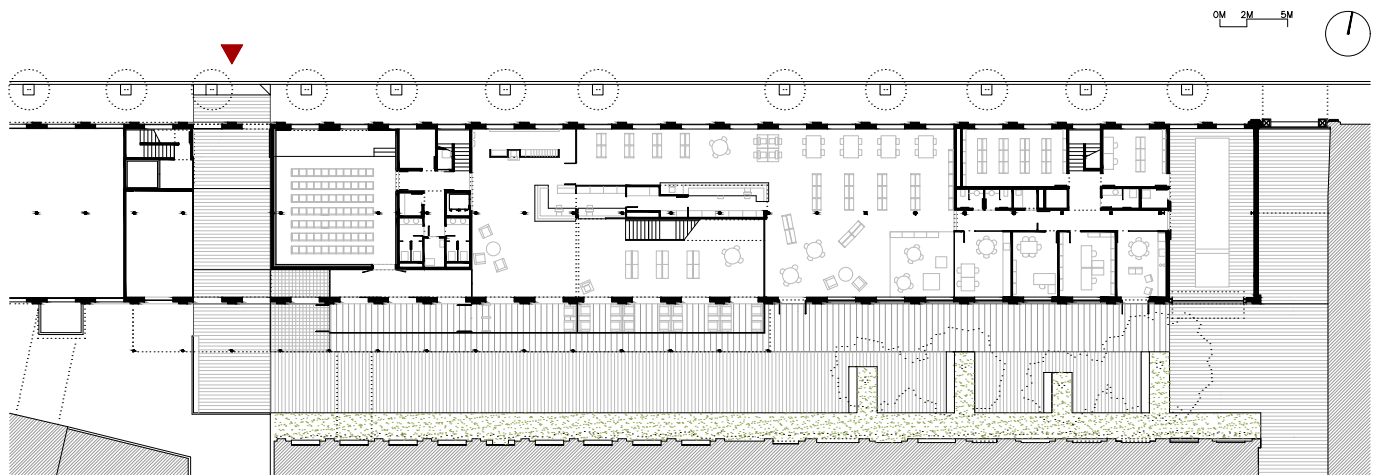


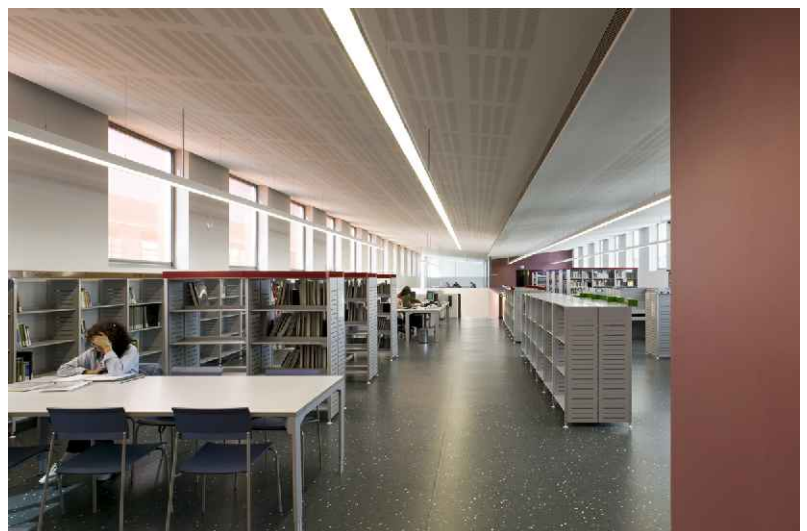
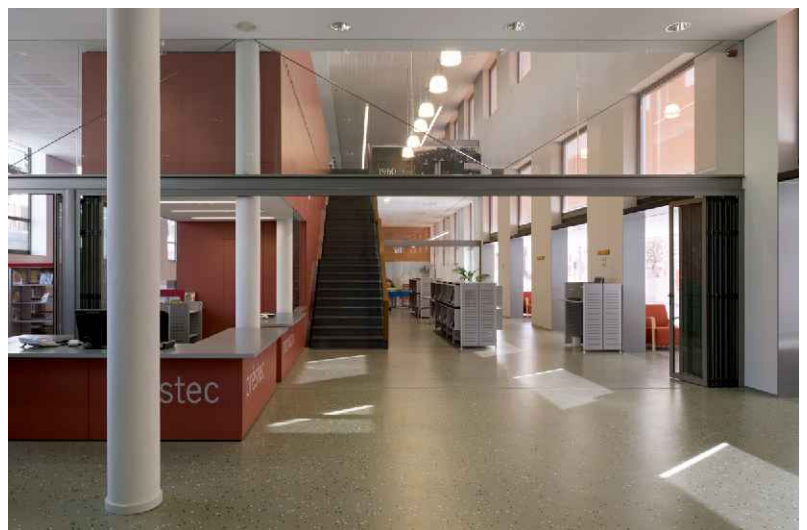
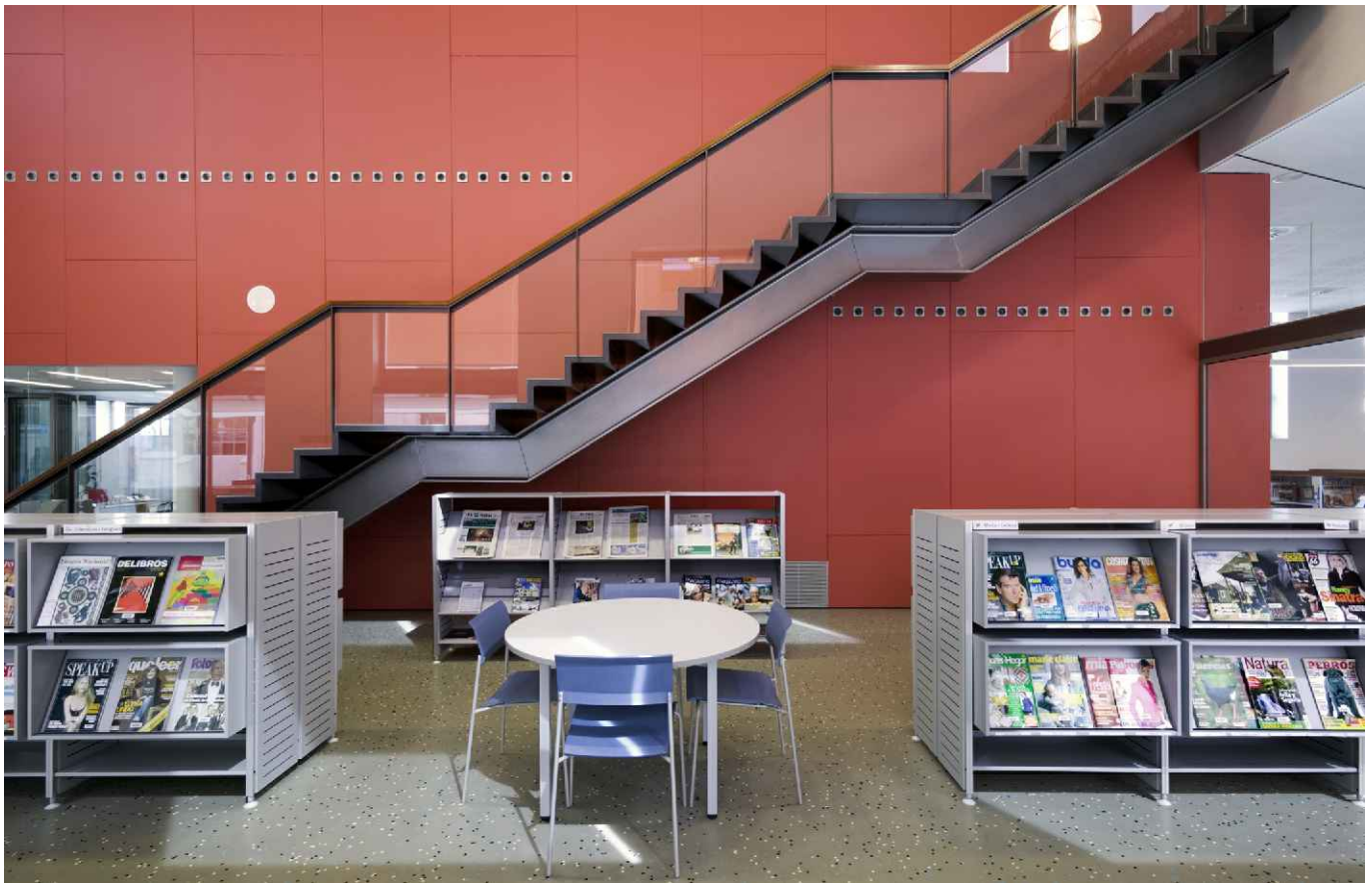
refurbishment of an old factory as public library

2002 - 2005

- authors: oriol cusidó, irene marzo & agustí mateos
- developer: diputació barcelona, granollers city council
- commission: 1st prize open competition
- built area: 1.809 m²
- developed area: 884 m²
- cost: 2.366.744 €
- location: prat de la riba avenue
granollers, barcelona

Renovation of an obsolete industrial building into a new dynamic space. The aim of the proposal pursues to restore the original volume by removing the added parts, gaining a new interior alley as an added value for the facility. In order to promote an unitary understanding of the space and its qualities (window rhythm, diaphanous, etc), the server spaces are compacted, the ceilings are designed continuous and it is opened a void connecting all levels.







Foundations and floor slabs are reinforced in order to assume new loads. Unidirectional floor slabs are reinforced with a new compression layer of concrete connected to beams through metallic connectors. Thermal insulation is applied to façades through an interior plasterboard cladding. The new aluminium windows include self-regulated airflow systems to improve natural crossed ventilation.



The roof is renovated with recycled tiles and new ventilated ones in order to generate a new ventilated chamber and thus the thermal conditions improve and the air-conditioned volume is reduced. New zinc rainwater-pipes and guttering are added. The new south gallery is built with dry construction systems and the building services are designed to integrate in the pre-existing architecture.

