



A new museum for Tripoli, telling the story of Libya through a series of galleries displaying the country's history of rebellion, revolution and machines of war. In addition to the three museum galleries, the building contains conference facilities, a large roof top restaurant, a library and an administration block.

Client: Camillin & Denny Architects (images)
Value: LYD 170m
Date: 2009

The site is a coastal marine position. The prevailing wind is from the North East. The climate responsive design of the museum was important to protect the exhibits and visitors from the exposed site and climate extremes.

Passive design features such as the Bedouin tent inspired canopy roof, site microclimates, thermal mass and solar control were all key elements.

AMA designed environmental buffer zones around exhibits that were in sealed air conditioned zones. An earth duct was included to temper the ventilation air.

Key points:

- Acclimatisation/ buffer strategy
- Services tunnels with pre-cooled fresh air
- Displacement air conditioning for large spaces

No 5 Level 5 (South)
New England House
New England Street
Brighton BN1 4GH
T +44 (0)1273 601759
F +44 (0)1273 604319

Argent House
Wild's Rents
London SE1 4QG
T +44 (0)20 7043 4634
F +44 (0)20 7378 0036

