

BREEAM (BRE Environmental Assessment Method) is the leading and most widely used environmental assessment method for buildings. It sets the standard for best practice in sustainable design and has become the measure used to describe a building's environmental performance.

The 7m redevelopment of MOSI's Main Building is expected to achieve a BREEAM 'Very Good' rating, with a score of 56.36%, as the table of statistics below, shows.

The key innovative and low-impact design features of the building	As a Grade II Listed Building, the key to the project has been to retain as much of the existing building and its character as possible to minimise the environmental impact of the scheme. The project is also designed using the latest high-efficiency technologies for mechanical and electrical services.
Basic Building Cost - £/ m ²	£2,324,782.08 (£/m ² TBC)
Services Costs - £/ m ²	£1,902,775.00 (£/m ² TBC)
External Works - £/ m ²	£112,503.07 (£/m ² TBC)
Lift Costs - £/ m ²	£169,427.85 (£/m ² TBC)
Preliminaries	£241,735.00 (£/m ² TBC)
Gross floor area - m ²	Existing:- 13 045 m ² Proposed:- 13 225 m ²
Total area of site – hectares	Overall Site:- 2.4 Hectares Proposed Site:- 0.4 Hectares
Function areas and their size (m ²)	Exhibition:- 3926 m ² Retail:- 949 m ² Education:- 656 m ² Administration:- 484 m ² Corporate Facilities:- 501 m ² Sanitary Facilities:- 384 m ²
Area of circulation (m ²)	Existing:- 2075 m ² Proposed:- 1505 m ²
Area of storage (m ²)	Existing:- 1182 m ² Proposed:- 304 m ² TOTAL Proposed:- 1287 m ²
Predicted electricity consumption - kWh/ m ²	299 kWh/m ²
Predicted fossil fuel consumption - kWh/ m ²	180 kWh/m ²
Predicted water use - m ³ /person/year	4.29m ³ /person/year