

Unusual Structures - The Atomium, Brussels

The Problem/Challenge

Refurbishing the Atomium externally.

The Risks

Safe external access to cladding.

The Solution

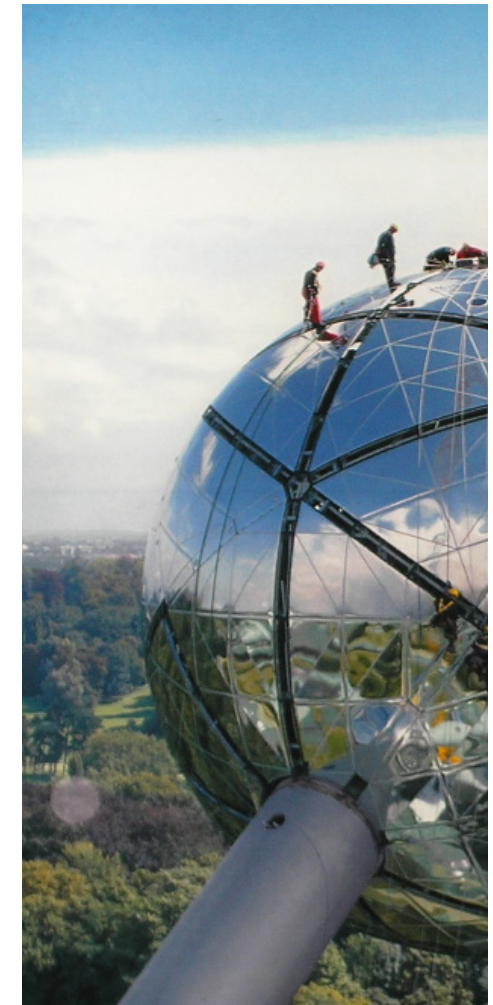
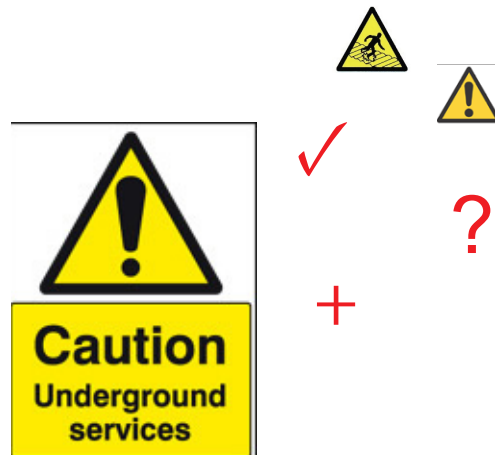
Early identification of the issues to the client and contractor to encourage off-site prefabrication where possible. Analysis of the access and craneage capabilities of the site are essential to validate the decisions and practicable size of modules.

The Benefits

Prefabrication of panels into small manhandleable units was essential. IRATA trained cladding operatives were employed to carry out cladding refurbishment works.

Key Points

Review the buildability and access issues with contractor as early as possible. Cost benefits may be possible as well as safety benefits.



Scaffolding to be used appropriately

Proprietary scaffolding preferred

Unsafe working methods discouraged