


Project Name	New Street Square, EC4	
Project Scope	Demolition of seven City of London office blocks	
Client	Land Securities	
Date	2004	

Description of Project:

Land Securities demolished seven office blocks for a redevelopment in the centre of London. An environmental consultancy was commissioned to increase the environmental profile of the project and through them BioRegional were introduced to the demolition contractor, Cantillon. This collaboration led to significant rates of recycling and reclamation.

Materials Reclaimed:

Bioregional Reclaimed carried out a site survey to identify materials with reclamation potential and were actively involved in their extraction. The survey revealed several quantities of high value materials such as brass fittings, office furniture and marble cladding. Soft-strip extraction proved flexible but manpower was intensive and was hampered by lack of lifts and limited time before demolition. This highlights the need to consider reclamation at the planning stages to provide sufficient time to maximise the reclamation potential. Also, effective waste segregation strategies enabled high rates of recycling.

Achievements:

BioRegional Reclaimed took an innovative approach to the sale of materials by promoting them on e-bay. This proved an effective but time consuming method for small quantities of material, and highlighted the time-savings available from using salvage yards and intermediaries. The client's enthusiasm and a supportive demolition contractor enabled BioRegional to successfully recycle and reclaim approximately 84% (69.6 tonnes) of the waste material.

Materials Reclaimed	Estimated Quantity Reclaimed	Embodied CO₂ saving
Marble Cladding	2 tonnes	58 kg CO ₂
Furniture and fittings	2265 tonnes	10,195 kg CO ₂