



**Peel Media  
development**

**Bovis Lend  
Lease  
Principle  
Contractor**

**£450 million**

**June 07 – Dec  
10**



# Sustainability at MediaCity UK

Nicola Percival

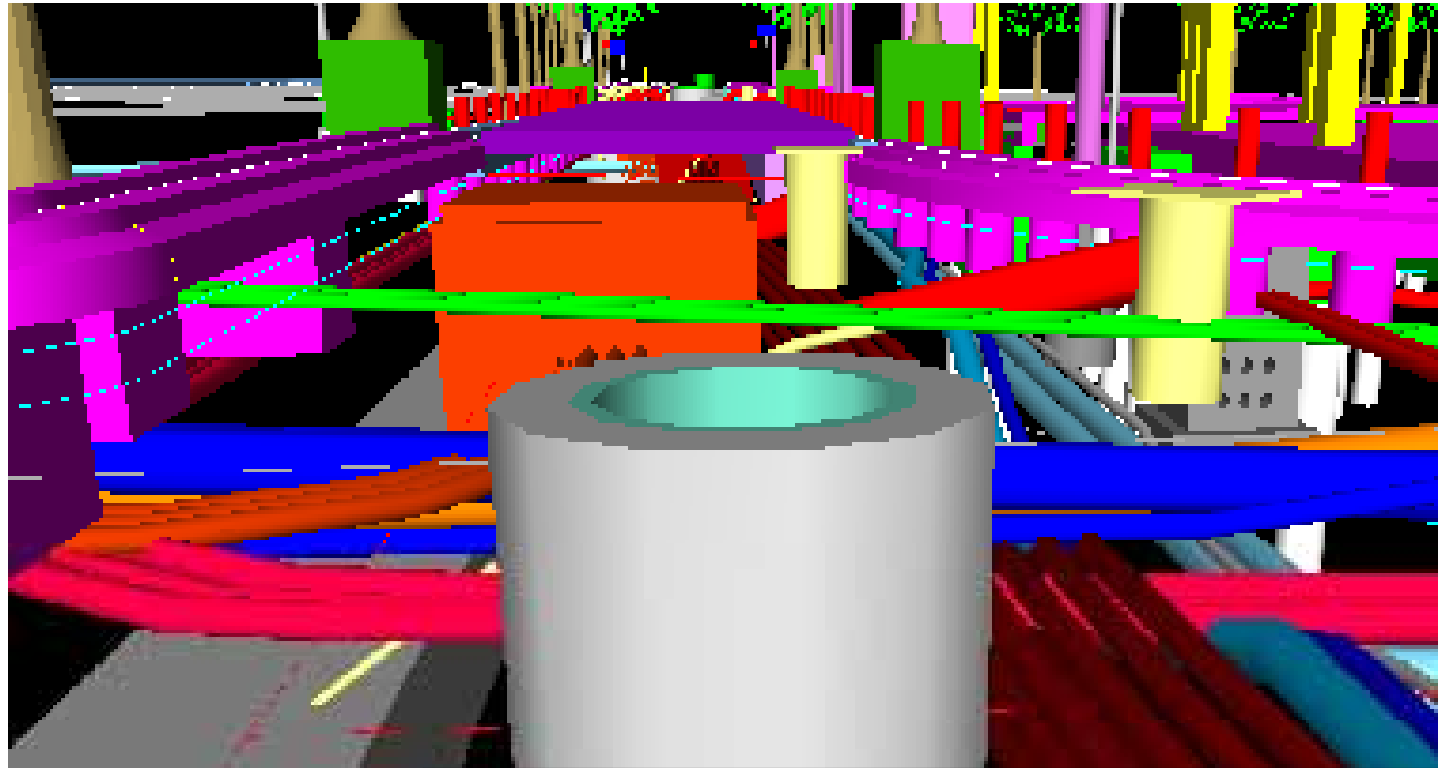
Senior  
Sustainability  
Manager





**£45M energy  
centre**

**30% reduction  
in operational  
carbon  
emissions**



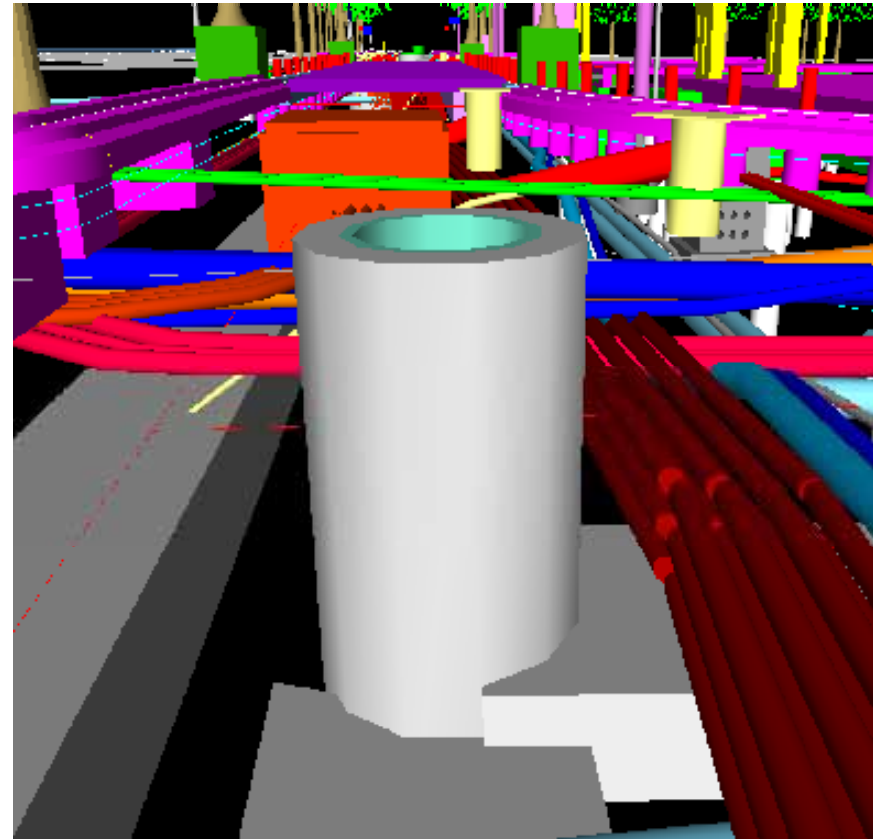
- Award winning
- Power, heating and cooling
- At present the UKs largest private electrical network
- Waste heat from the engine heats buildings
- Cools the buildings via absorption cooling to make chilled water



- £400,000 savings per year
- £7 million savings over 20 years
- Lower cost tariffs to the building users
- Reduced cost of each building as plant floors or basements were not needed
- Building height limitations easily met
- Less materials and excavation
- Cleaning the canal



- Stakeholder agreement
  - Client
  - Anchor tenant
  - Specialists in generated power, energy management systems
  - Tri-Generation scheme designers
- Developing the business case
- Redesigning the engineering systems in the buildings
- Managing the high volume of services required for the scheme



- Canal for transportation – 400 containers and 53 tonnes carbon saved
- Photovoltaic's on the cabin roof
- Lights out, car sharing, energy efficient light fittings



**CARBON & ENERGY**



**BREEAM  
Excellent /  
Very Good  
buildings**

**Awarded first  
BREEAM  
Communities  
Excellent**



# Sustainability at MediaCityUK

Nicola Percival

Senior Sustainability Manager

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