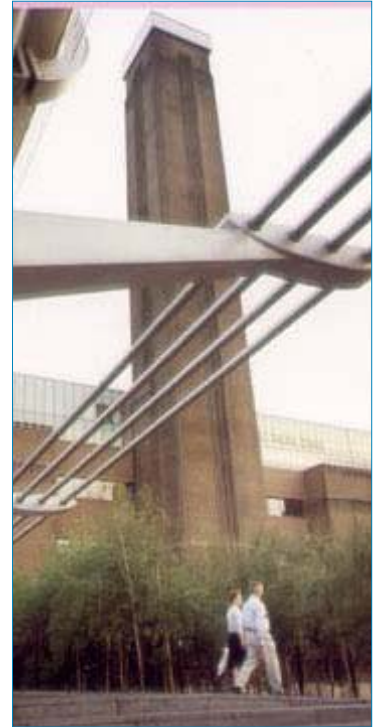




## PROJECT PROFILE



# Tate Modern, Bankside

The new £134m Tate Modern, managed by Schal, opened in the transformed Bankside Power Station in May 2000.

This internationally acclaimed project involved the creation of 323,000 ft<sup>2</sup> of new gallery space within the converted shell of the former power station. The new gallery is the largest modern art gallery in the world.

The concept of the design highlights the new function of the building while respecting the integrity of Sir Giles Gilbert Scott's original design. Schal worked closely with the Tate and the design team to ensure that the designs were developed in a manner that would be economic, practical and buildable.

Schal's project director, Nick Woolcott, commented, "The original concept for the building was a sophisticated Swiss watch that had to be adapted to the existing structure of a dramatic industrial building. Schal worked closely with the design team and trade contractors to turn the ambitious concept into a 'buildable' reality."

Specialist contractors were brought into the team early in the process to maximise their input into the detailed development of the design. Schal managed their input and ensured that the architect's original design was realised.

This required remarkable attention to detail and the sourcing of skills and materials from around the world – a process carefully co-ordinated by Schal. It has been successfully managed to deliver the completed building on time and on budget.

Dominating the building is the turbine hall, which forms a new public space, resembling a covered street in which large works of art will be displayed.

The boilerhouse area is converted into the main gallery spaces by the construction of an inner environmental wall while maintaining the existing external cladding.

### CLIENT

Tate Modern

### PROJECT VALUE

£134m

### SERVICES

- Construction management
- CDM Co-ordinator

### TYPE

Refurbishment and Redevelopment

### START DATE

June 1995

### COMPLETION DATE

2002

### ARCHITECTS

Herzog and de Meuron

# Tate Modern, Bankside

The most noticeable change to the building is the introduction of a glass “light beam” structure spanning the full length of the roof and adding two upper floors. These upper floors house a new restaurant and function area with outstanding views of London, as well as letting natural light into the gallery spaces below.

Bankside Power Station is one of the largest brick structures in the world and the scale of the scheme was a challenge in itself.

Schal’s appointment resulted from our reputation for managing large scale and complex construction projects within tight time and budget constraints. Schal managed the recently completed redevelopments and refurbishments of the Royal Court Theatre and the Royal Opera House.

Nick Woolcott commented, “for Schal, the real challenge was the sheer size of the project and the co-ordination of the different trade.”

## SOME TATE STATISTICS

### General

- One of the largest brick buildings in the world.
- 8,000 kilometres of wiring in building
- 12.5 football pitches worth of timber flooring – solid oak
- Largest spring action sprinkler system installed in the UK

### Turbine Hall

- 2,500 fluorescent light fittings in the balconies overlooking the Turbine Hall
- Gantry crane is weighted at lifting 25 tons
- Larger crane originally could lift 150 tons
- Second longest escalators in UK (longest Trocadero)

### Glass

- Some of the composite glass units in the balconies are 45mm thick (where seating will be overlooking the Turbine Hall)
- The glass was manufactured in 5 different countries – Spain, Austria, Germany, Switzerland, UK



## FURTHER DETAILS

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