a world-class, affordable railway delivered through effective partnerships and project excellence
Start of Construction

15 May 2009
Linking London’s key business and regeneration areas
Tunnelling Strategy
Comparative Running Tunnels

CROSSRAIL
THAMES TIDEWAY
JUBILEE LINE EXTENSION
CHANNEL TUNNEL RAIL LINK
VICTORIA LINE

All dimensions refer to internal diameter.
Tottenham Court Road
Tottenham Court Road
## Funding

**TfL Underwritten**
- GLA (NNDR debt) 3.5
- TfL – core contribution 2.7
- LU Interface savings 0.4
- Sales of surplus land and property 0.5
- Developer contributions 0.3
- London Planning Charge 0.3

**DfT Underwritten**
- DfT grant contribution 5.1
- BAA / City Corporation (guaranteed) 0.5

**Other (incl unguaranteed)**
- Network Rail (ONW) 2.3
- Depot (Operating Lease) 0.5
- City Corporation (additional) 0.1
- Less other residual costs (0.4)

**TOTAL SOURCES** 15.9
Olympic Park Site – before demolition
Progress on London 2012
Delivering the venues and infrastructure

Six Phases of the Project:

- Planning (up to Spring 2007)
- Demolish, Dig Design (up to Beijing Games)
- Big Build (up to summer 2011)
- Test Events (to Games 2012)
- 2012 Olympic and Paralympic Games
- Games Legacy (post 2012)
The Big Build: Foundations

- All the pylons from the Olympic Park have been removed
- Construction has started on 11 bridges and underpasses
- Construction of the Primary Substation and Energy Centre underway
The Big Build: Foundations

- Olympic Stadium foundations completed, upper and lower tier seating support being installed, and roof erection begun
- Aquatics Centre foundations completed, work on roof begun
- Velodrome construction underway
The Big Build: Foundations

- Village construction underway with foundations for 4 of the 11 blocks completed
- Work to increase capacity at Stratford Regional Station underway and increased capacity on DLR
- Enhancements at Weymouth and Portland completed
Thames Estuary
Other Major Infrastructure Schemes
Heathrow
Environmental Challenges
Hong Kong Airport
UK and Dutch Proposals

London Estuary Airport Plan

Dutch Plans

- Proposed North Sea airport extension
- Schiphol airport
- The Hague
- Shuttle
- How the islands will look
Obstructions in the Estuary
Shipping and Birds