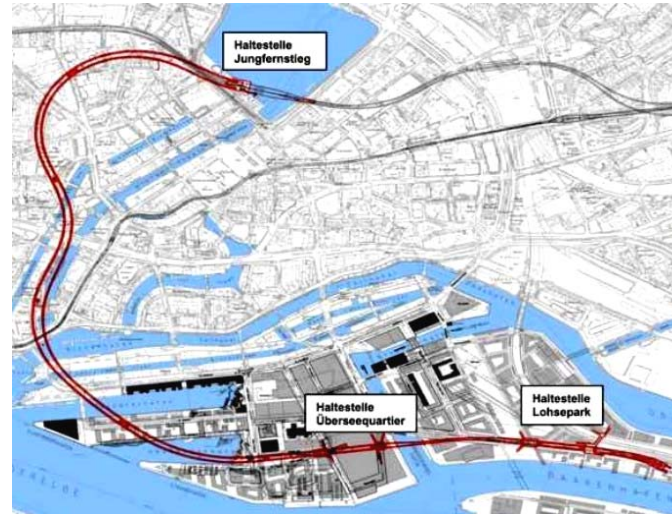
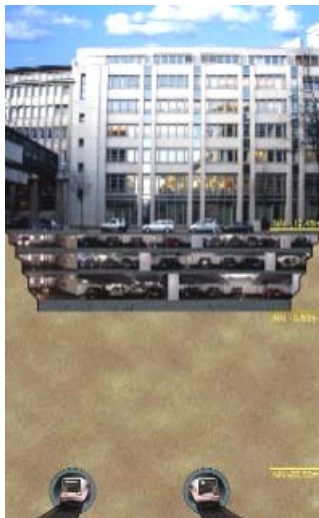


UNDERGROUND CONNECTION, HAMBURG



Underground Connection U4 to Hafencity, Hamburg, Germany

Project period

2004 - 2011

Construction cost

250 M € approx.

Services provided

Feasibility study, preliminary planning, design and approval planning, tendering.

Technical details

Overall length approx. 4 km as inner-city tunnel
Cut-and-cover construction method approx. 1.2 km
3 halts
Approx. 2.8 km in shield tunnelling in two parallel tunnel tubes
Diameter approx. 8 m