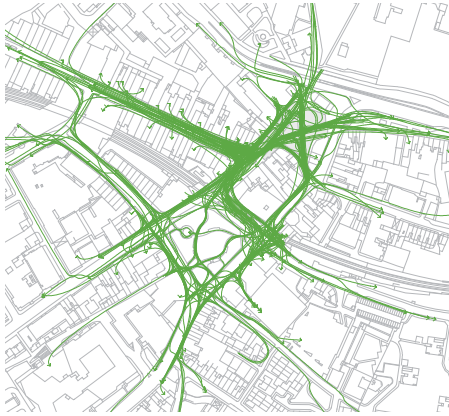


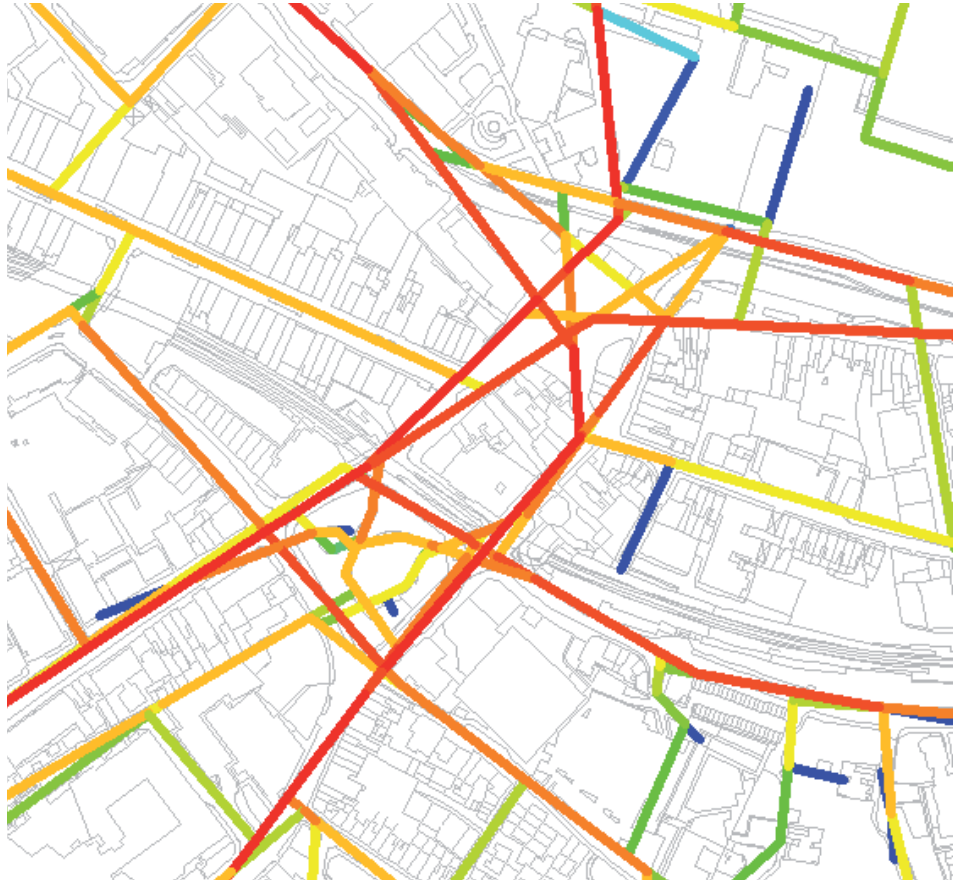
Case study London, Woolwich Square

Strategic landscape design advice



A

A
Pedestrian traces survey data, revealing movement desire lines in the area



B

B
Spatial accessibility model for the existing conditions highlighting the potential of the strategic locations of the two squares

Client

Greenwich Waterfront Regeneration Agency

Duration

2008 - 2009

Professional team

Gustafson Porter

Our role

Strategic landscape design advisor

Key features

Urban baseline study
Proposed option testing
Design reviews
Planning support
Stakeholder consultations

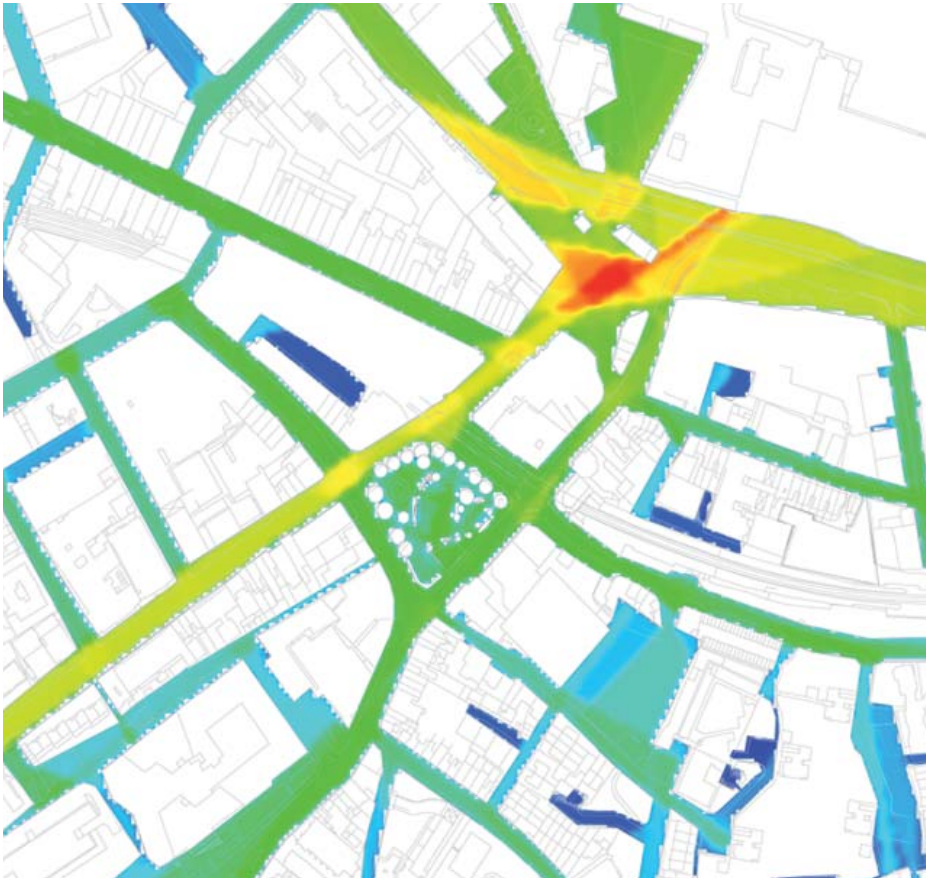
The opportunity

The Woolwich area of south-east London is experiencing unprecedented levels of regeneration, which have a major impact on the Town Centre. The arrival of a new Docklands Light Railway (DLR) station, together with the construction of new buildings will have a major impact on pedestrian movement patterns in the town centre. This creates the opportunity for improvements in the public realm.

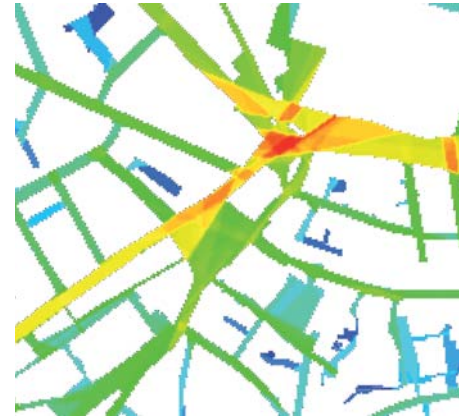
Space Syntax formed part of the competition winning team, led by Gustafson Porter Landscape architects to redesign General Gordon and Beresford Squares, which are central spaces in the public realm of Woolwich.

Our contribution

Space Syntax undertook an in-depth urban baseline study covering the whole town centre, including both pedestrian movement surveys and spatial analysis. This study was designed to provide public realm design advice to the wider team as well as to support the planning process, including consultation with local stakeholders.



C



D

C Strategic visibility analysis of Woolwich town centre demonstrating visual relationships between the two squares and the surrounding public realm. This also highlighted visual barriers between Wellington Street and the square resulting in isolation of the square, particularly compared with Beresford Square.

D Strategic visibility analysis of the proposed design demonstrating the improvement in visual relationships in the public realm provided by the new design

The outcome

Our work identified the hierarchy of space use in the town centre and revealed the existing spatial structure of the two squares. This information informed the development of the landscape design proposals.

The design strategies were tested and optimised using Spatial Accessibility Models. Our evidence-based evaluation of the final design was used to communicate the project to a wide range of stakeholders and helped to secure planning permission.

The project was completed in October 2011. It provides Woolwich with a public realm framework, which responds to its specific spatial conditions, ensuring that the new public spaces are well used, safe and pleasant to be in.