

Land Use Analysis

Identifying Key Attractors for Pedestrian Movement and their role in walking networks

Intelligent Space has developed advanced modelling tools to test and assist pedestrian planning by identifying the role of land uses in the distribution of pedestrian flows. Foot traffic is vital to the success of retail and mixed used developments and pedestrian modelling tools help ensure that there is a synergy between the pattern of movement and land uses.

- Our models can be used to identify whether or not new land use plans will have sufficient foot traffic to support proposed uses.
- Retail areas can be compared and benchmarked, and the viability of different land use types assessed for existing and proposed layouts.

The analysis can show Land Use Classes (e.g. A1, A2, A3 etc.) or important groups within each class, such as high street retailers. An example of this analysis for central London is shown below.

Recent Examples

- Land use analysis identified the important shopping areas in High Wycombe and showed how pedestrians were reaching them, as part of a master plan for the town centre.
- Retail and commercial uses in central London were identified for TfL to locate the key walking routes.

