Appraising Enfield's cycle network using the London Cycling Design Standards



Brian Deegan Transport for London

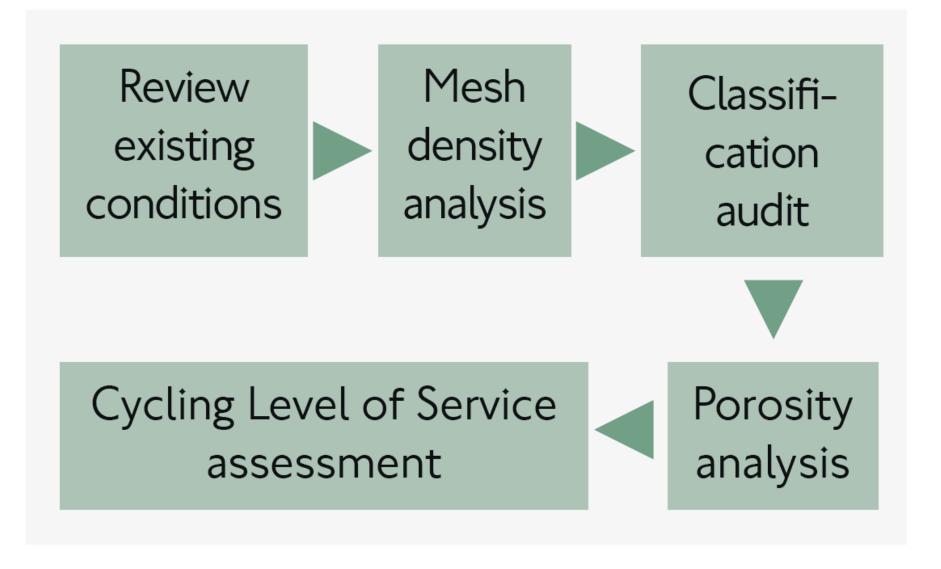


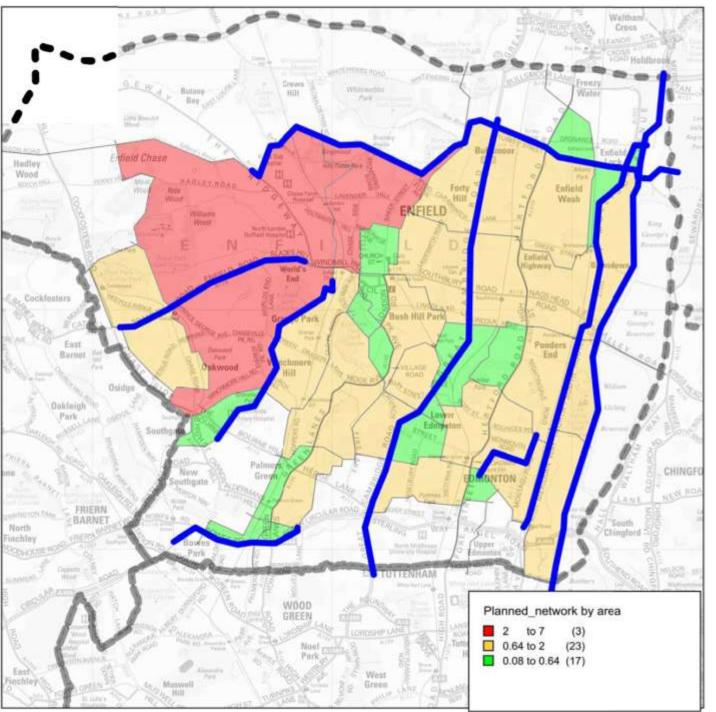
LONDON CYCLING DESIGN STANDARDS

MAYOR OF LONDON



Figure 2.6 Five-step analysis: planning a cycle network from the beginning





Mesh

Existing bound network coverage = 0%

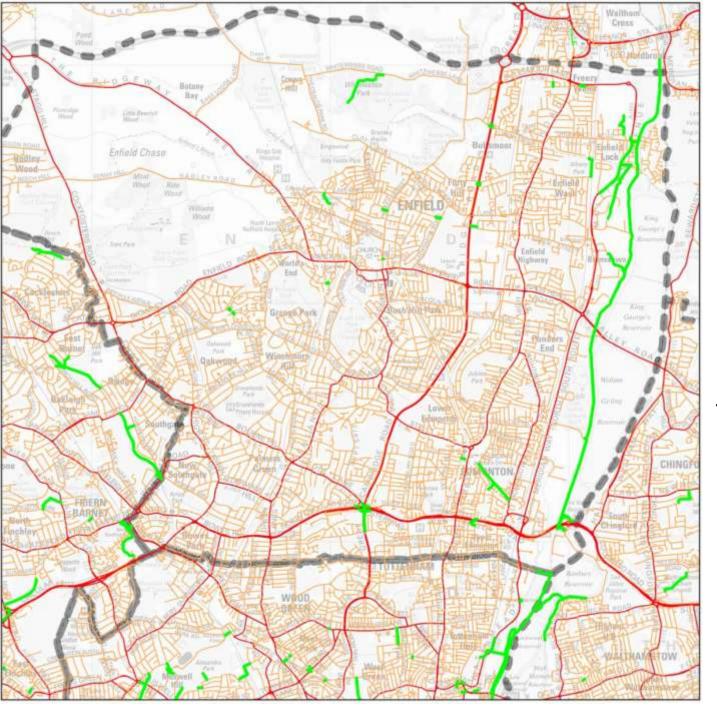
Proposed bound network coverage = 55%

800x800 mesh achieved 14% of area

800m to 1.4km mesh = 56%

>1.4km by 1.4km mesh = 30%

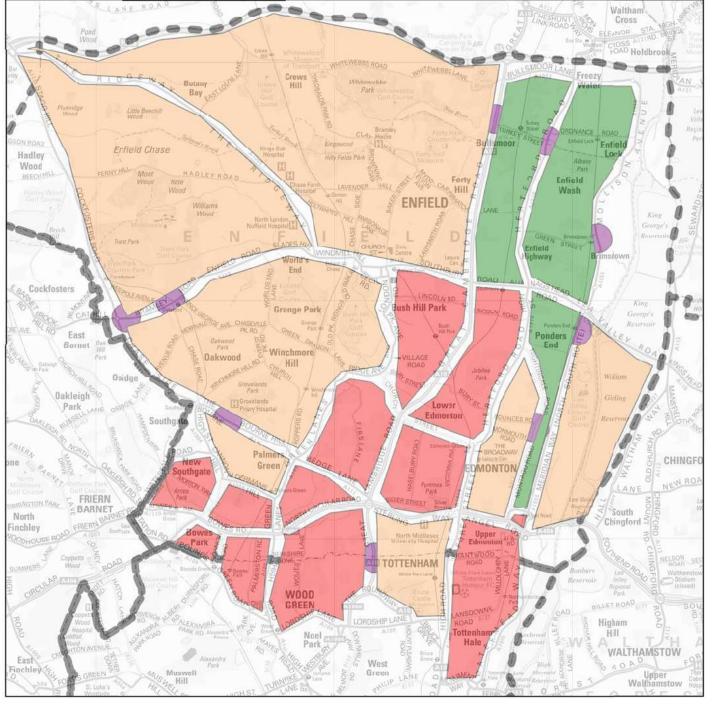




Classification

Existing level 1 roads = 5% Existing level 2 roads = 81% Existing level 3 roads = 14% Therefore majority of roads rideable at basic skill level





Porosity Refore

Before
Porous: 2 or more
gateways= 12%

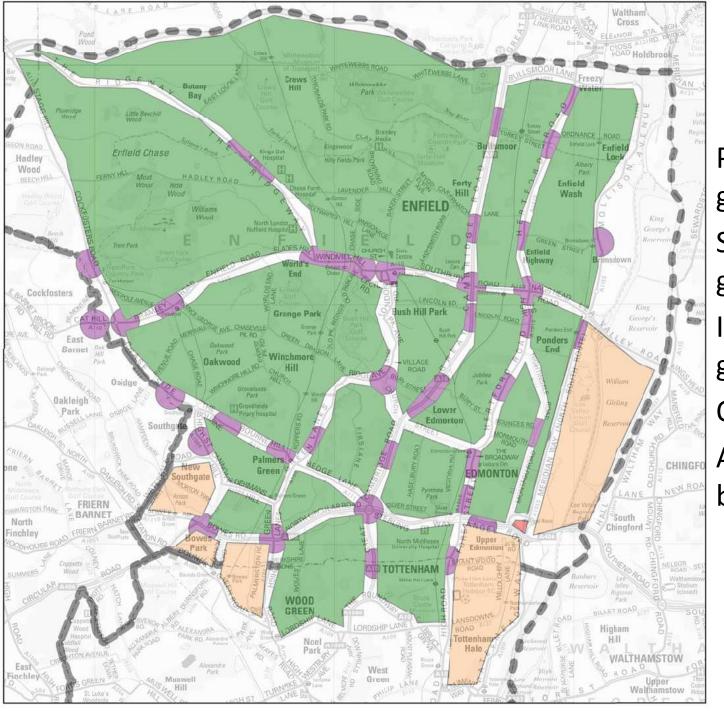
Semi porous: 1 gateway = 48%

Impermeable: 0 gateways = 33%

Other 7%

Most of central and southern borough impermeable





Porosity After

Porous: 2 or more gateways= 74%

Semi porous: 1 gateway = 18%

Impermeable: 0 gateways = 1%

Other 7%

Almost entire borough rideable



Cycling Level of service



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