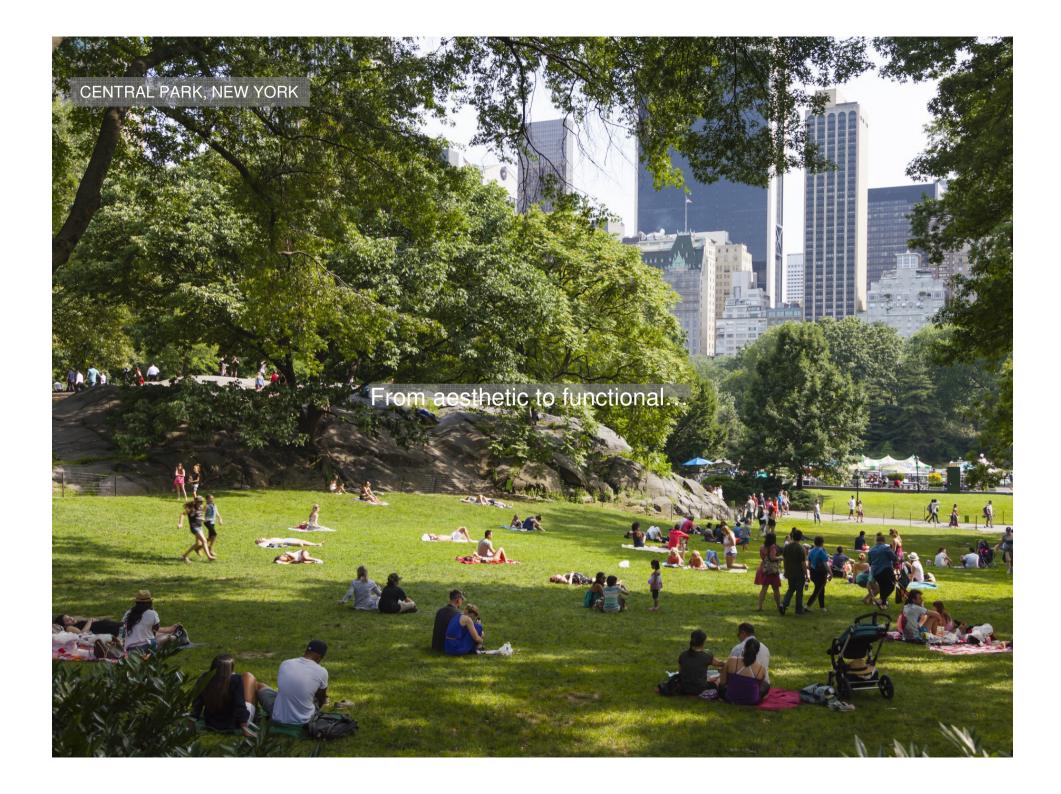


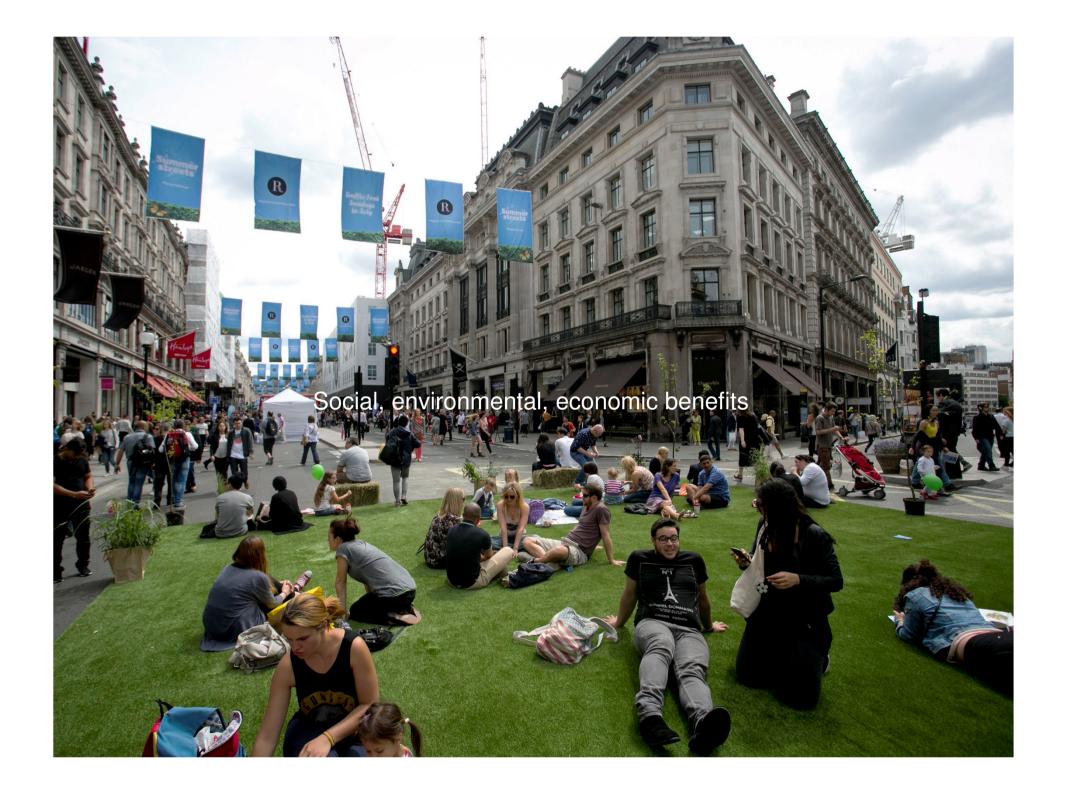
1 Creating a strong business case

Einen stabilen und nachhaltigen Anwendungsbereich entwickeln

2 Mainstream green infrastructure Die Planungsstrategie Grüne Infratruktur etablieren







the benefits of green infrastructure

environmental benefits	vironmental benef	bene	al	ner	าท	or	r	V	er
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economic benefits

social benefits

Improved visual amenity

Enhanced microclimate

Improved air quality

Reduced flood risk

Better water/soil quality

Water storage and reuse

Improved biodiversity

Reducing ambient noise

Increased property prices

Increased land values

Faster property sales

Encouraging inward investment

Reducing building energy costs

Faster planning permission

Improving areas for tourism

Lowering healthcare costs

Encouraging physical activity

Improving childhood development

Improved mental health

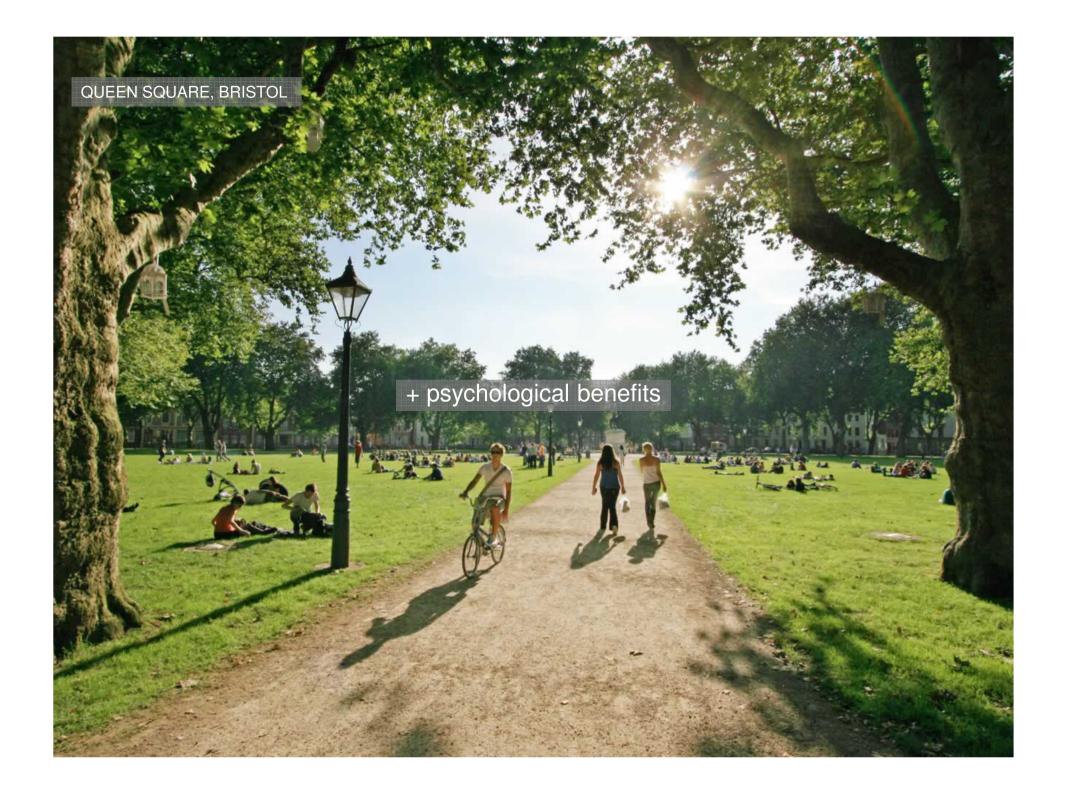
Faster hospital recovery rates

Lowering stress

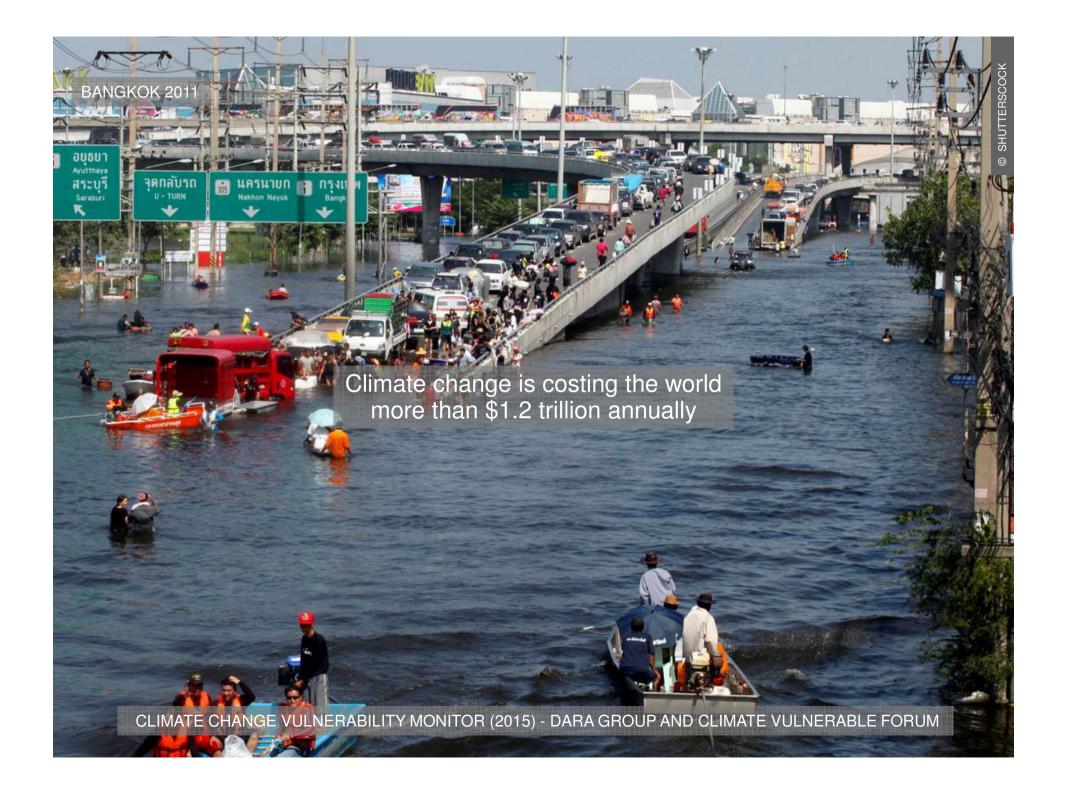
Improved workplace productivity

Increasing social cohesion

Reducing crime











green infrastructure is often cheaper than traditional solutions

Copenhagen 'Cloudburst project'

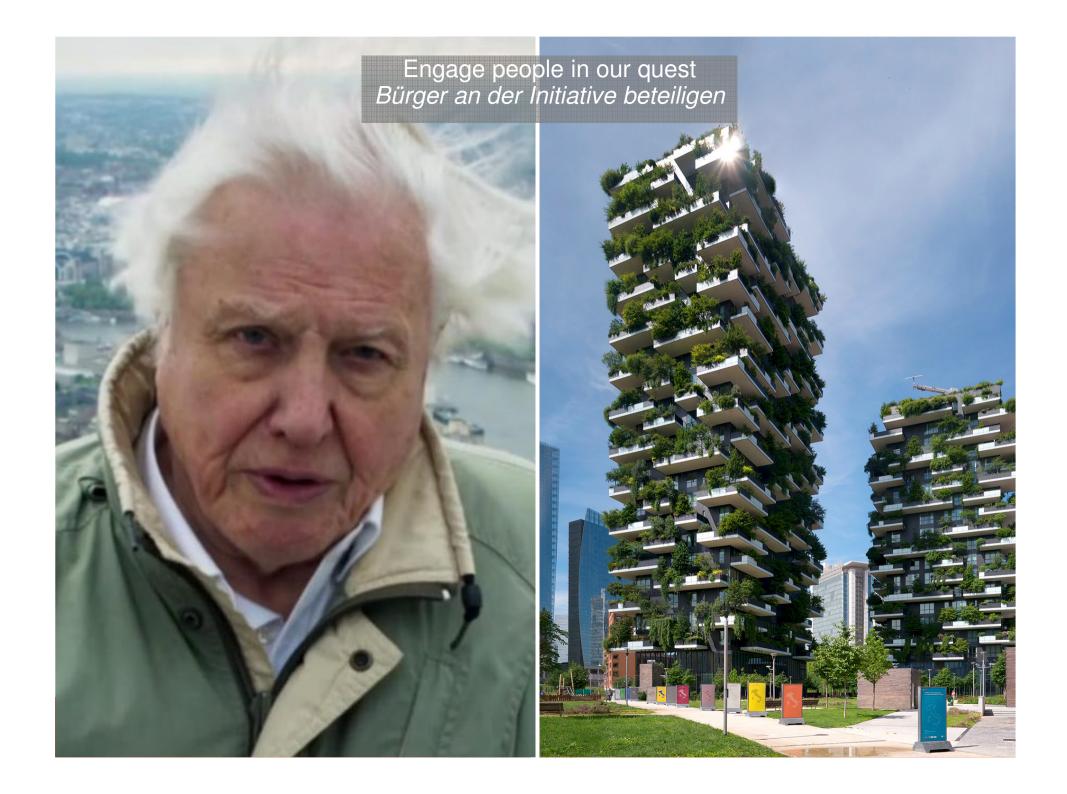
£610m

Cost of rectifying a single flood event in 2011

£410m

Cost of implementing a sustainable drainage project

SOURCE: LONDON INFRASTRUCTURE PLAN 2015 | LANDSCAPE INSTITUTE POSITION PAPER ON GREEN INFRASTRUCTURE (2012)



Mainstream green infrastructure Die Planungsstrategie Grüne Infratruktur etablieren

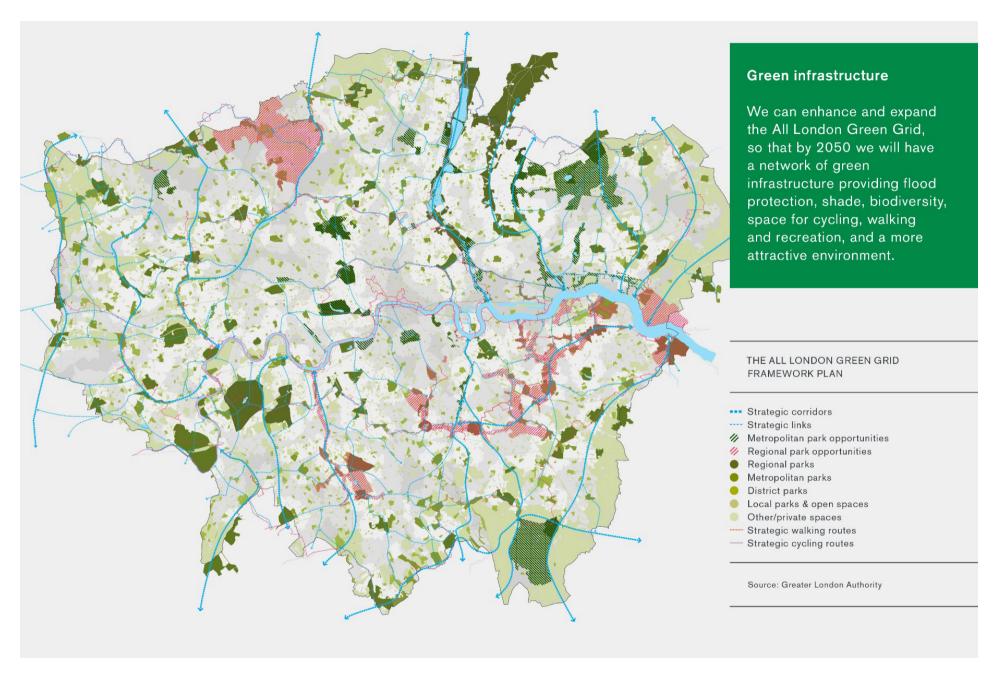
analyse the resource

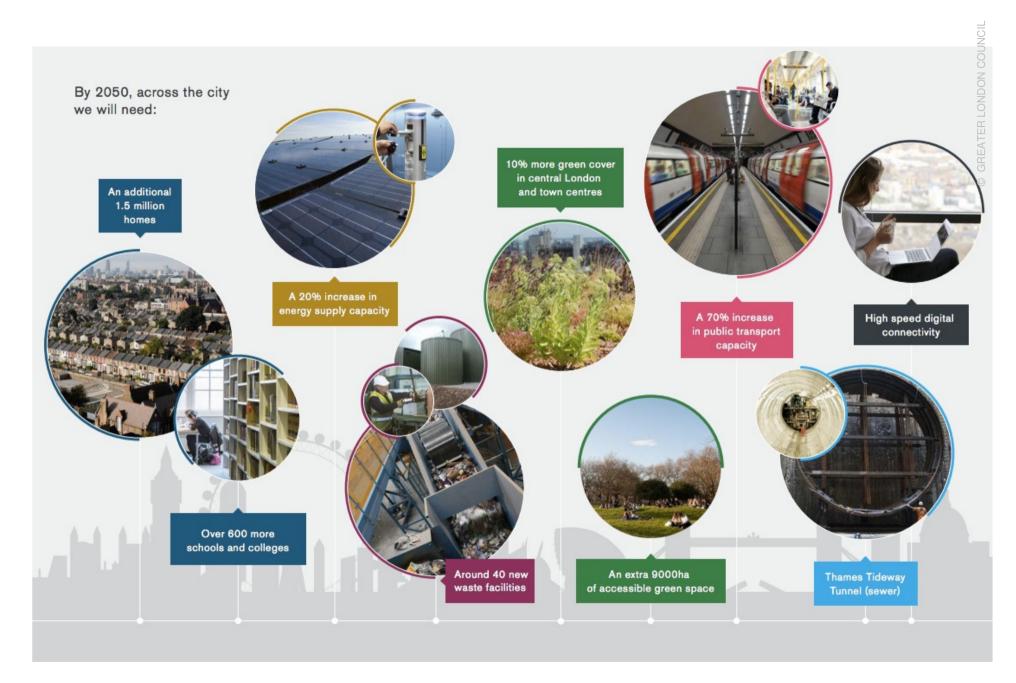
Number of trees = 8,421,000 Canopy cover = 21% of area Air pollution removal = 2240 tonnes / year (£126m) Storm alleviation = 3,414,000 m³ (£2.8m) Carbon storage = 2,367,000 tonnes (£147m) Carbon sequestration = 77,200 tonnes/year Building energy reduction = £260,000/ year Structural value (cost of replacement) = £6.12bn Asset Value (CAVAT) = £43.3bn



Results of the London i-Tree Eco Project



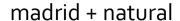




weave it in at all scales







SUSTAINABLE DRAINAGE

PERMEABLE SURFACES

MICROCLIMATES w WATER

TEMP FLOODABLE AREAS

RIVER+STREAM RESTORATION





temporary can become permanent



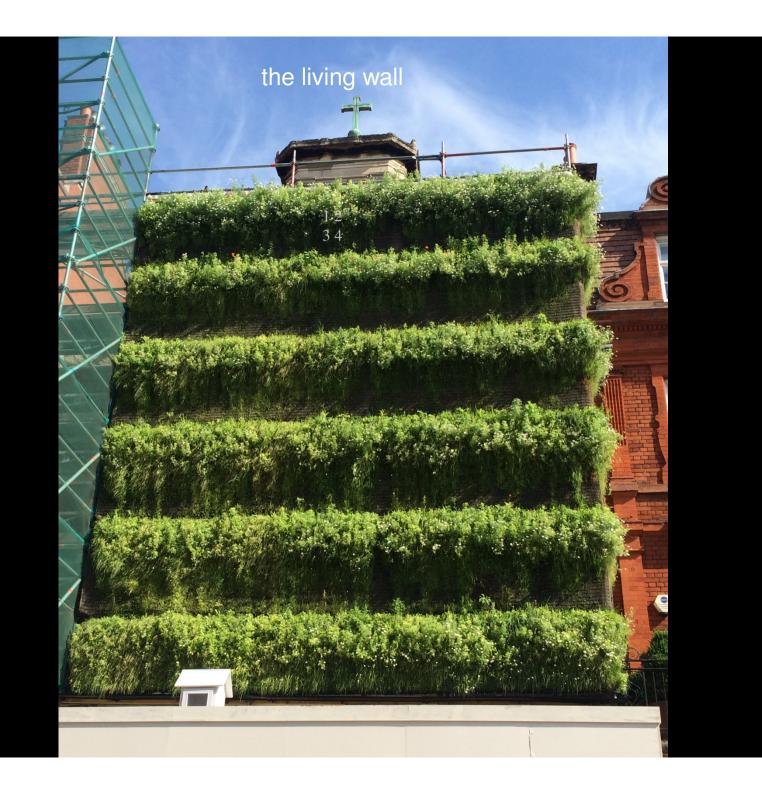


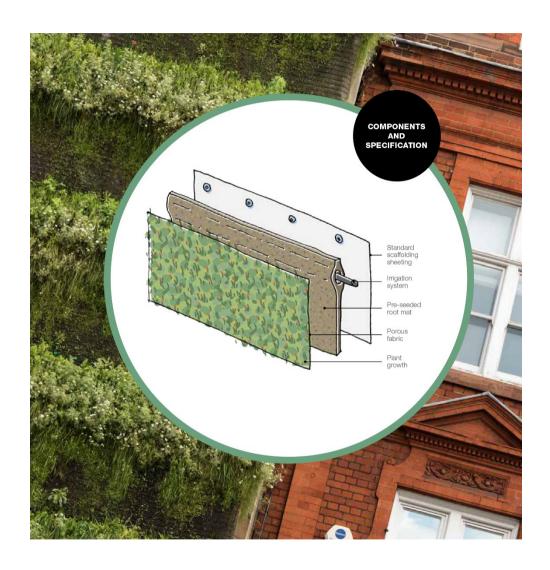
temporary can become permanent

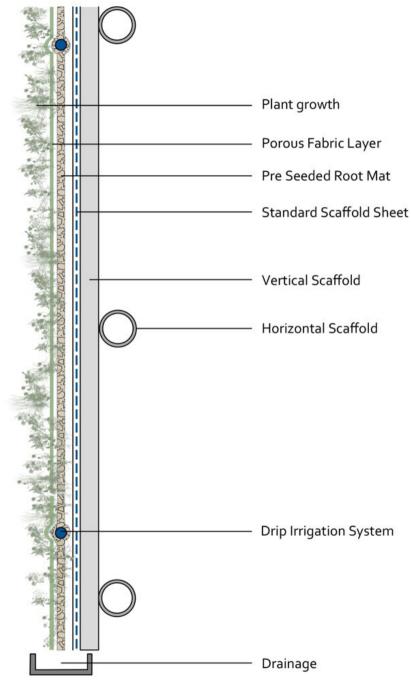


temporary can make a significant impact

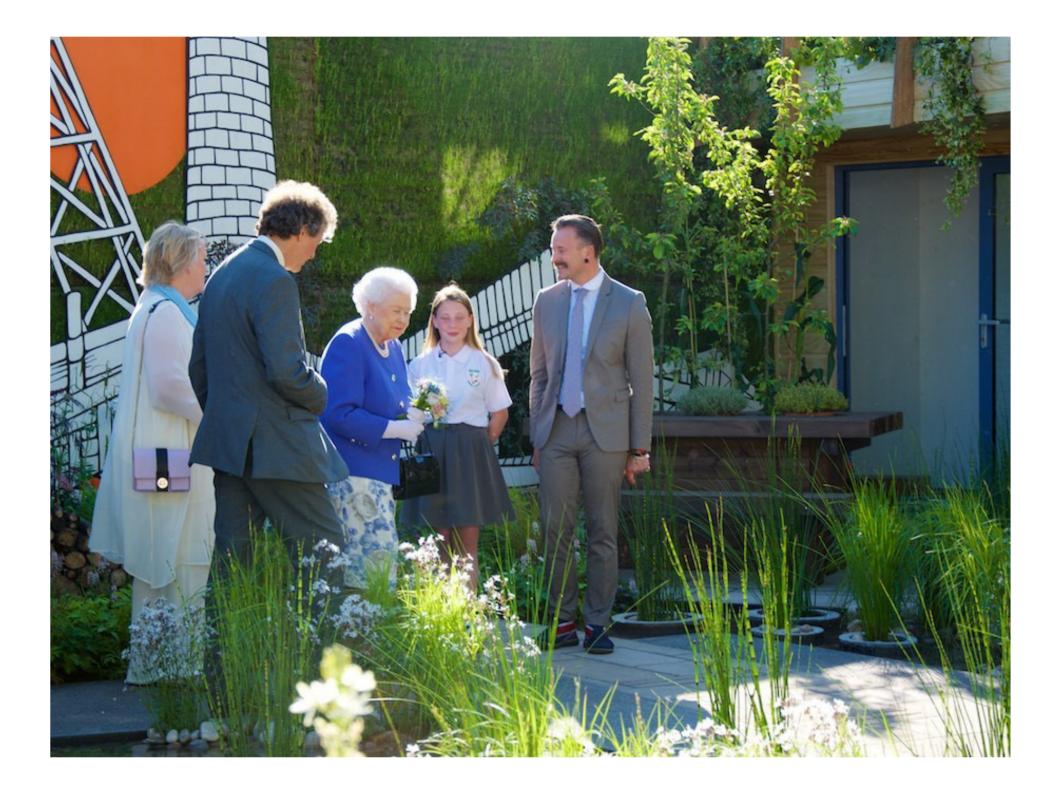


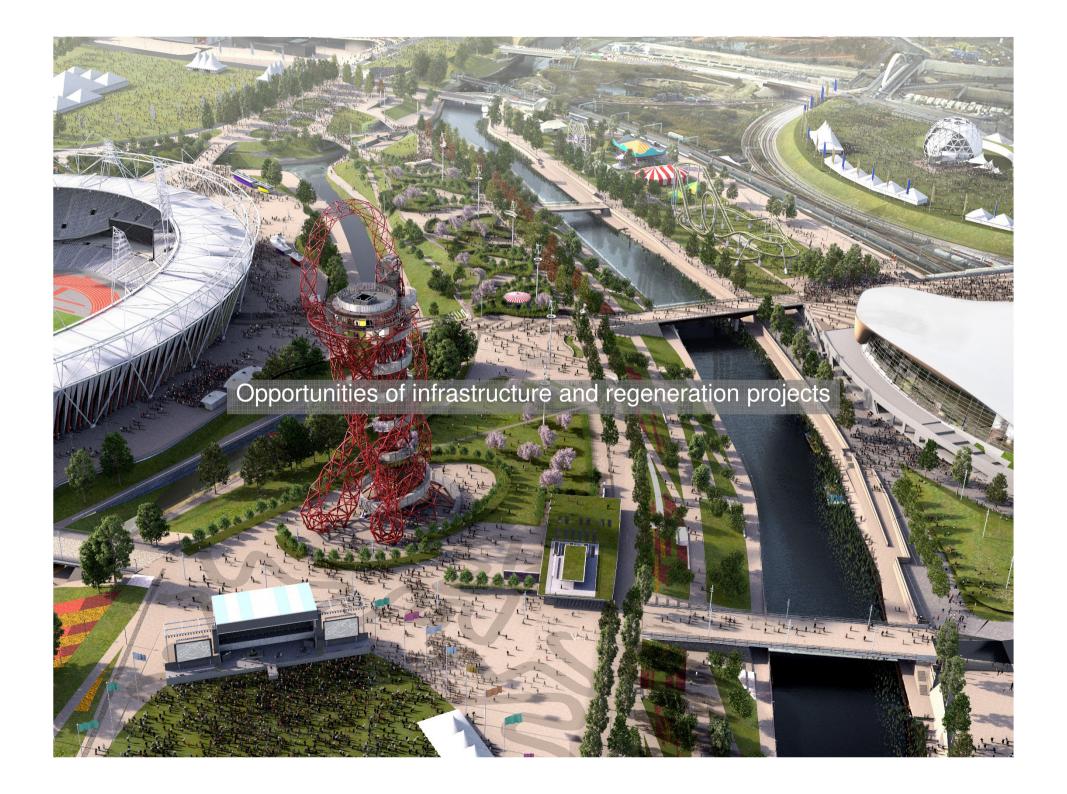


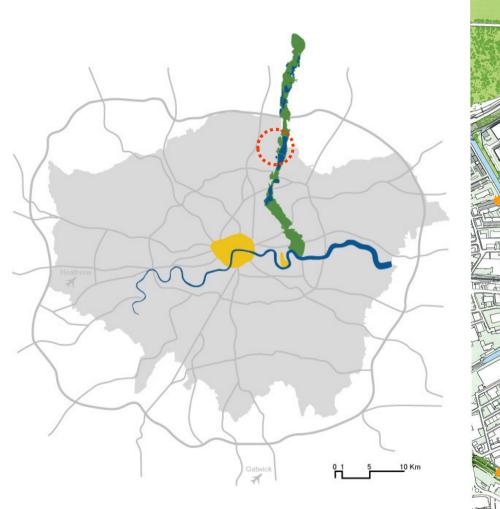


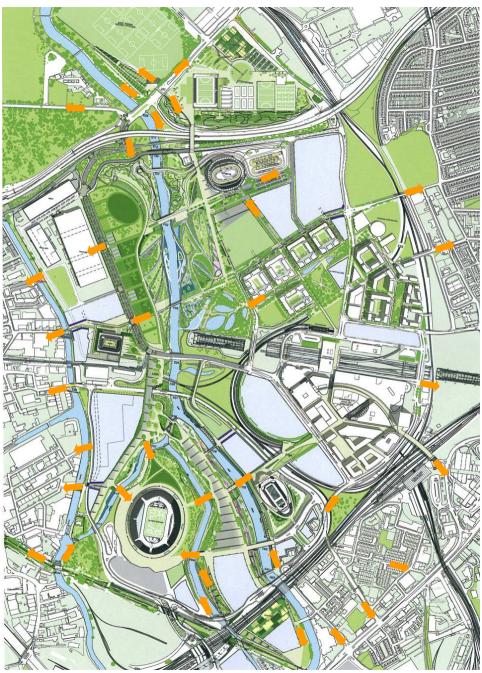












London 2012 – Queen Elizabeth Olympic Park



