

### INTELLIGENT ROAD NETWORK

Physical changes to the street network, real-time optimisation and sectoral traffic circulation plan for private vehicles, to make space for and prioritise active travel, essential access and public transport - including autonomous shuttles and on demand services.

### BETTER ACTIVE TRANSPORT

Digital tools for citizens and visitors, and smart city data collection, drives virtuous cycle of improved user information, monitoring, strategy, planning, delivery and use - to create safer, more convenient active travel supported by targeted, high-quality new infrastructure.

### Information

Your journey to work  
From: Home  
Walk: 4 min  
Train: 8:27 - 11mins  
Cycle: 6 min cycle  
You'll arrive at 8:48am  
Alternative: 24 min cycle

Workplace infrastructure  
Secure parking  
Lockers/showers  
Repair stations

Development

Planning

Monitoring

Redundant car parks repurposed as workspace

### FREIGHT HUB / SMART LOGISTICS

Freight hub and consolidation centre reduces HGV and other delivery trips within the urban area with efficient data-driven routes served by electric/pedal, and autonomous last mile vehicles also providing delivery pick-up, packaging returns and waste to recycling, all on the same round.

Smart Interchange

Electric delivery fleet

Collection and consolidation of recycling

Assisted pedal fleet

Consolidated rail freight deliveries

Emily Seabrook with 5th Studio

This illustration of key aspects of Emily's competition-winning Future Vision has been developed in collaboration with Mike Taylor and Kieran Perkins from 5th Studio, supported by England's Economic Heartland.