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Architecture for Sustainable Cities: London, Paris + The Compact City

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www.urban-age.net
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Architecture for Sustainable Cities: “London, Paris + The Compact City”
Chairman of Richard Rogers Partnership

Chief Adviser on Architecture and Urbanism to former Mayor, Ken Livingstone and past Advisor to current Mayor of London, Boris Johnson

Mayor of Barcelona’s Adviser on Urban Strategies

Chairman of the UK Government’s Urban Task Force

Member of the UK Parliament, the House of Lords
Constellation of Competing Cities

Urban Population Growth

- 1900 – 10%
- 2000 – 50%
- 2050 – 80%

Istanbul
Pienza, Italy – Compact City
Sprawl and Dereliction

We must rebuild the empty quarters of our cities to bring vitality and security before expanding into the countryside.
The Compact City

Compact and polycentric

Well connected encouraging walking and public transport

Diverse range of uses

Includes both the poor and the rich

Environmentally responsible

Good design

Secure and just
The Anatomy of the City

Clear urban districts and distinct neighbourhoods

Protect the countryside

Urban Capacity
Relative Density Scale
6 Higher densities
5 Higher densities
4 Higher densities
3 Moderate densities
2 Moderate densities

Compact development results in easy
walks and short distances

Regional Tranches
Local rail link
Main line rail link
3000m
6000m
10000m
15000m
20000m

New Morden Images

Clear rural boundary
Open Green Space

Regional Centres
Local Park
Local area
Local town
Local city

New Urban Images

Central City District
Development Corridors

District boundary
Metropolitan Boundary

The City
The Town
The Village
The Hamlet

Key showing rail density: high towards mainline

Higher density
Moderate density
Lower urban density
Lloyd’s of London
Madrid Airport
The New London Plan

Population increase is 800,000 from 2001 to 2016

Maintain green belt to contain city

All future construction to be on previously developed land or by recycling buildings

Increase density around public transport hubs

50% affordable housing adjacent to private developments

Major public transport Investment

Bike hire and £400 million on bike lanes

Congestion tax for entering the city centre

Development of public spaces and green network

60% reduction of CO2 by 2025
London Thames Gateway
10 Principles for Metropolitan Paris

Promoting a new culture of urban sustainability

1. Restructure Metropolitan Governance in Ile-de-France
2. Build Paris on Paris
3. Complete the Metropolitan Transport Network
4. Create a Polycentric Metropolitan Paris
5. Build Balanced Communities
6. Rebalance the Regional Economy
7. Bridge the Physical Barriers of the City
8. Create a Metropolitan Open Space Network
9. Reduce the Environmental Footprint of Metropolitan Paris
10. Invest in High-Quality Design
The Compact City and the use of Derelict Land
Transport – The existing network is radial.
Proposal - Complete the public transport network.
La Défense
Create value by repairing the breaks in the urban fabric

A “Cité Technique” that integrates a new park with new integrated co-generation and waste treatment centres, new public facilities, reinforced transport and logistics systems, new buildings and revitalized, reconnected edges.
Approach: Not a “Grand Projet” but a multitude of interventions - “1000 Projects”

Small, medium and large projects for the city by the citizens of the city…