

Transport Infrastructures for Global Cities:

smart investment in infrastructure in ‘old world cities’

Prof. Peter Newman
University of Westminster
London, UK

How well do the governance arrangements of old world cities shape up to the challenge of smart investment in infrastructure?

old world cities

planning and delivering the essential infrastructure to stay in the global cities club

renew old infrastructure / plan for growth / ecological modernisation

challenges of supply

scale of demand – competition for finance and expertise

unbundling of state utilities,

policy preference for private investment and public-private-partnership,

globalised supply DPW, EDF, CIB

financialisation - global infrastructure funds

How to assess governance

- the degree of integration of sectors
- and between scales
 - vertical and horizontal integration in the quality of strategic plans
- integration of economic and social objectives - equity consequences of projects and tariffs
- how contention is managed - locally and engaging globalised environmentalism

comparative framework

assessing institutions

integration

plans

contention

assessing projects

economic efficiency

environment

equity

New York City Region

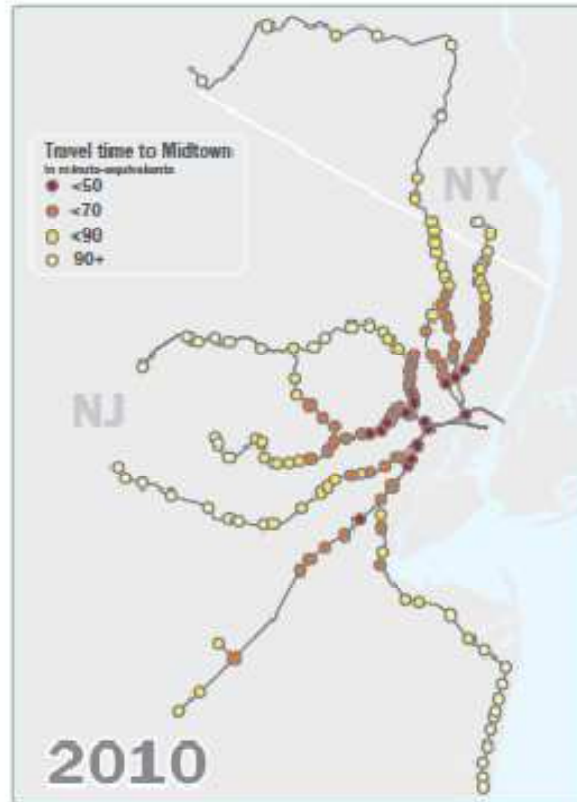
ARC Access to the Region's Core

1995 ARC study > completed 2017

starts June 2009

State of New Jersey and Port Authority \$5.7bn + \$178m fed + \$3bn stimulus (spent \$300m)





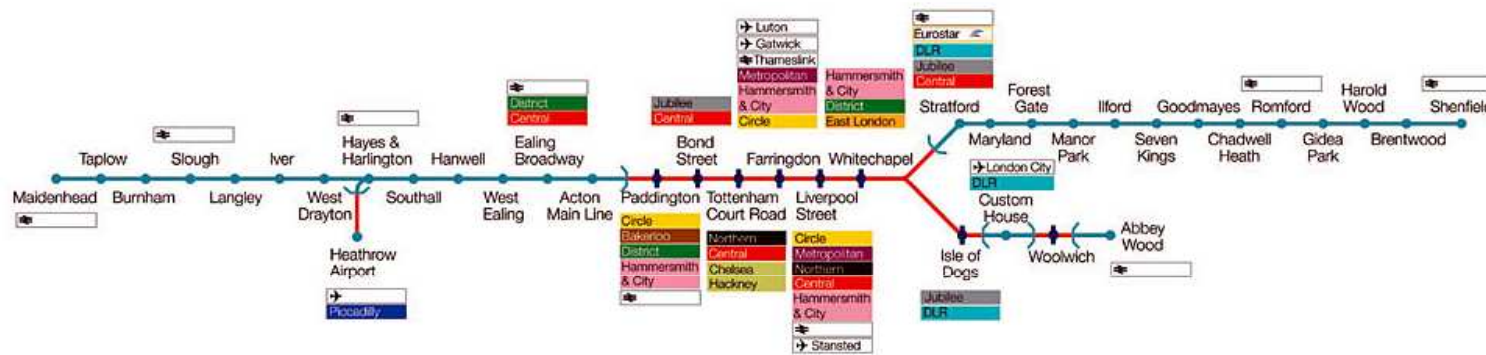


ARC

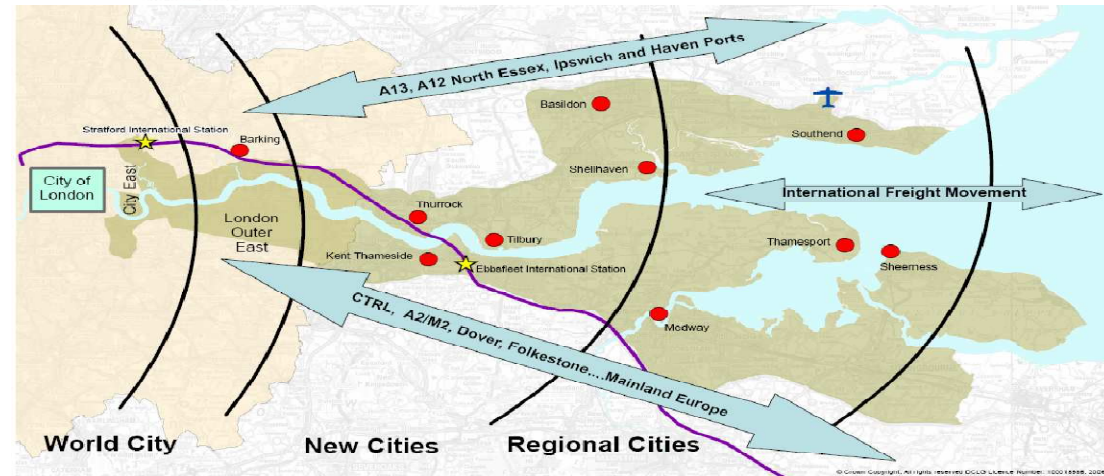
integration	public /private accord but competing scales
plans	advisory
contention	managed through multi scale representative politics
efficiency	new infrastructure v suburban maintenance
environment	rail / road
equity	winner and loser localities

Crossrail

Route Connections Map



September 2007



Crossrail

1989 London Rail Study - legislation approved in 2005 – funding (£16bn) agreed 2010 > 2018

The London case

“Today is the culmination of months of hard negotiations with the Government and I am pleased that they have recognised the immense importance of protecting investment in the capital. London is the engine of the UK’s economy and it would be fiscal suicide to have starved it of fuel.” (Mayor of London 20/10/10)

The Efficiency case

journey times / relief of congestion / opens dockland areas of east London to potential development.

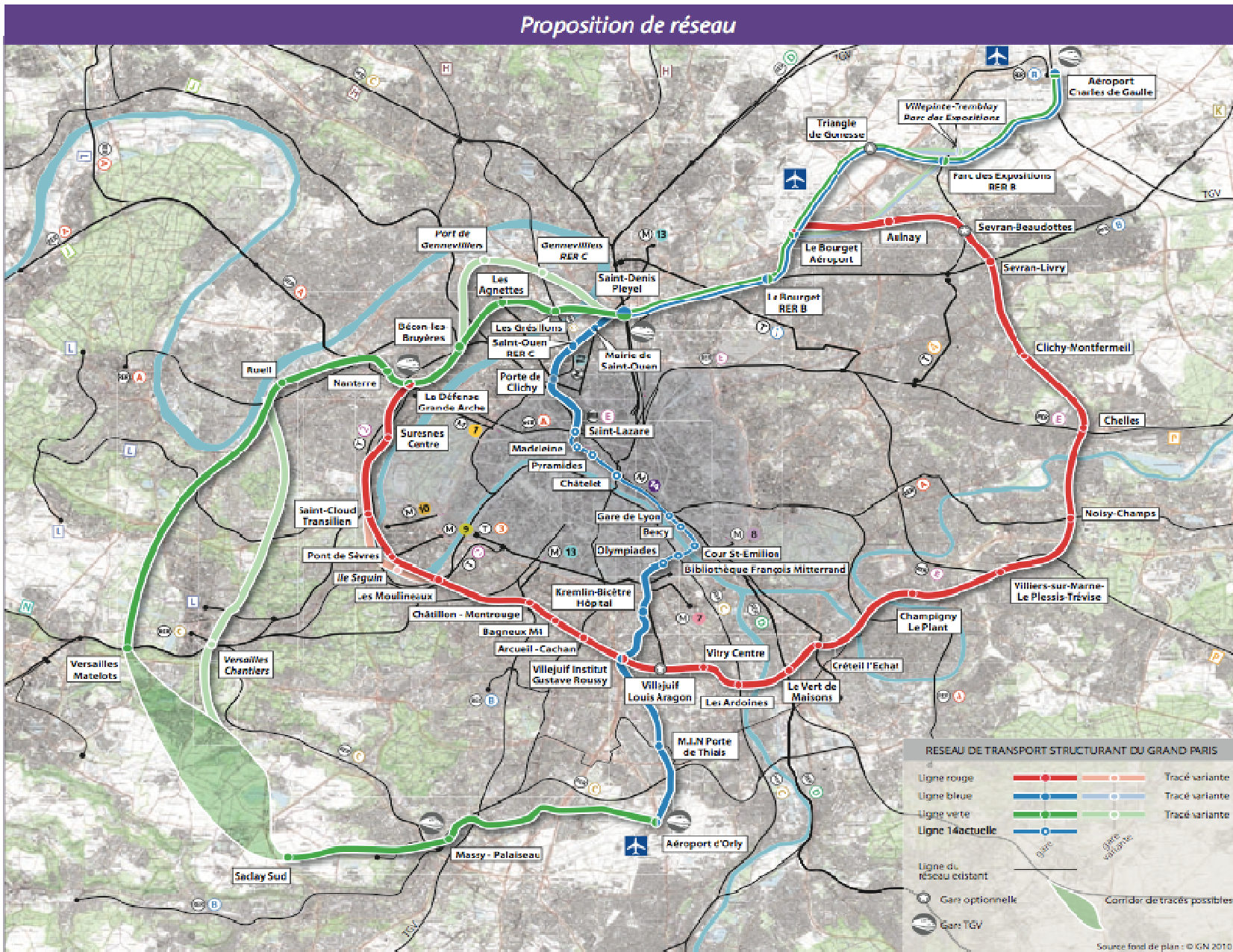
economic gains estimated at £42bn, generating £17bn in tax revenues

and 14000 construction jobs with 7000 indirectly induced jobs

Issues

Business tax - conflict with tube upgrade – local opposition - eastern extension

- integration core business support
national project and national politics
- plans London Plans depend on east–west infrastructure
failure to link to Thames gateway plan
- contention localised, managed through Boroughs / Mayor / Parliamentary petition
- efficiency city centric v suburban maintenance
- environment costs of slower tube upgrade and lack of regional planning
- equity winner and loser localities



Métrophéric / Grand 8

2009 President's initiative - "Le Grand Pari de l'Agglomération Parisienne"

Ministry for the Development of the Capital Region

155km automatic subway

to be constructed by public company 'Société du Grand Paris'

track and development of 40 stations and 1500m radius around each

Issues

Funding - 35bn Euros – business opposes PPP

Region - conflict STIF and Region's Arc express

overrides Region, sub-Region and Local Plans



Deux projets de transport pour l'Île-de-France

- integration competing scales
no private actors
- plans overwritten by State / renationalising planning powers
- contention managed through Débat Public and multi scale representative politics
- efficiency priority for links to core economic projects
- environment uncertain suburban rail / road and congestion impacts
- equity conflict over social objectives and uncertain timing

INSTITUTIONS

London	delay
New York	veto
Paris	compromise

PROJECTS

narrow efficiency
environmental impacts
equity deficit

UPSIDE?

London	not needed in boom – needed in 2018
New York	rethink regionalism and Port Authority ?
Paris	debate about regional equity

Smart Investment?

Governance Context Determines Speed and Quality of Projects

Old World Cities

privileged locations with capacity to coordinate decisions, but

Conflicting scales

Public – private integration ? (state funding replaces PPP)

Weak integration into plans

Efficiency above Environment / Equity

Sustained legitimacy

