Urban Land Institute
West Midlands HS2 Steering Group
Birmingham Millennium Park September 2014

HS2 Growth and Connectivity
High Speed Rail a European Perspective

John Worthington
Commissioner: The Independent Transport Commission
Director the Academy of Urbanism
Infrastructure Investment and Places of Connections

PLACES OF CONNECTION
UTRECHT 2012

THEMES, CONCEPTS AND PRINCIPLES

Capturing the Value of High Speed Rail
‘Learning from Europe: The Lille Symposium 2014’

Summary Report

March 2014

Independent Transport Commission
Registered Charity 1090134
Call for Evidence

Two Key Questions

• Will the cities served by HSR become subservient centres to London or be enriched in their own right?
• How will HSR impact on the economic and social life of the cities it serves?

Thirty Six Responses

• Places and Themes

Four Themes

Capacity: Connectivity: Convenience: Commitment

A Catalyst for Local Vision and National Strategy
Reframing the Question

- London Mega City competing at a global scale
- Regions not competing with London
- Supporting London and in turn supported by London to compete in Europe and niche global markets

*Impact will depend in each region embracing the opportunities and collaboratively establishing a vision for its own future*
Lille Symposium
Learning from Europe: Capturing the Value from Infrastructure Investment
HSR changes the Economic Geography of Europe

London is a global city, regional cities are competing with Europe
Changing the Economic Landscape of United Kingdom

2025 Expanding London City Region with HS2 to Birmingham and other improvements

2035 South Britain as a mega city-region Population: 45million
SNCF in Paris

- HSR focus in France changed from technology to urban redevelopment and inter-connectivity
- As a result, stations and their surroundings now a key issue (inspired by Gare Montparnasse redevelopment in 1990)
- Distinction between High Speed Rail and High Speed Trains
- Redevelopment works best when stations are connected with local transport network

Gare Montparnasse
Rotterdam Insights

• Growing places in a polycentric region

• Importance of continuity – networks not lines

• Station is a hub for different modes of transport and synergetic types of use

• Working with the existing

Rotterdam Central Station
Think beyond the station to capture the additional value

**United Kingdom**
- St Pancras International
- Kings Cross Central
- Stratford International

**Netherlands**
- Rotterdam Central
- Amsterdam Airport Schiphol
- Utrecht Central

**Belgium**
- Gare de Bruxelles-Midi
- Antwerp Central
- Central Station Area
- Park Spoor Noord
- Liège Guillemins
- The new Guillemins district

**France**
- Gare de Lille Europe
- Gare du Nord
- Gare de Massy - Palaiseau
- Gare de Lyon
- Paris Rive Gauche
- Parc de Bercy
- Paris Charles de Gaulle Airport
- Gonesse Triangle
- Gare de Lyon Part Dieu
- Lyon Part-Dieu
- Gare de Lyon-Perrache
- The Confluence
- Gare de Lyon Saint Exupéry Airport
- Gare D’Avignon TGV
EuraLille: Major regeneration takes decades not months
Bordeaux Euratlantique: Think Wider than the Project

- City is the Master Developer
- Station defines the quality
- Transport the Generator
- Fifteen year programme
- Exemplar projects – New and Old

**The financial leverage of Bordeaux-Euratlantique**

- 650 M € developer’s budget
- 550 M € commercial revenue
- 100 M € of public investment
  - (35% State, 35% CUB, 20% city of Bordeaux, 7% city of Bègles and 3% city of Floirac)
- 5 billion € in public and private investments
Utrecht: Continues Planning and Production

Incremental Development...
“Restore, Connect and Give Meaning”
Schiphol: Hubs are Both Destinations and Connections

Landside becomes a Place of Identity and Exchange
Antwerp: “Open station” integrated in the City Centre
Key Themes

CAPACITY
"Sufficient slack to allow for change and unforeseen opportunities"

CONNECTIVITY
"Contiguous connection between levels and modes of movement"

CONTINUITY
"To allow a flow through and between spaces, facilitating a network of diverse opportunities”

CONVENIENCE
“To provide available and accessible services at the appropriate price, comfort and quality"
Key Themes

**COMMITMENT**
"To a programme spanning over a generation and several economic and political cycles"

**COLLABORATION**
"To work across disciplines, boundaries and interests, to collaborate to then compete in bigger markets"

**COMMUNICATION**
"To raise awareness, change perceptions and provide the basis for open and continuous dialogue resulting in lasting relationships"

**CONTROL**
"Managing the process of delivery through a combination of regulatory controls and co-operative production"
The City as Master Developer

• Embrace Paradox

• Share Resources

• Start with People

• Foster Collaboration

• Pilot - and then Plan

• Recognise the City as a Continuous Project