



# Making Infrastructure Projects Work and Delivering Growth: The Planner's Role

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**ARUP**

## **Projects with Significant Arup Planning Input**

- **High Speed 1 (CTRL)**
- **London Olympics**
- **Northstowe New Settlement**
- **Second Tyne Tunnel**
- **T5**
- **Stansted R2**
- **Oxfordshire Reservoir**
- **East London Line**
- **Crossrail**
- **HS 2**
- **New Nuclear Stations in Somerset, Anglesey and Cumbria**
- **Windfarms**
- **Thameslink Depots**
- **M6 Toll Road**
- **Thames Tunnel (Tideway)**
- **Numerous smaller schemes where infrastructure is a potential constraint**

# Presentation Structure

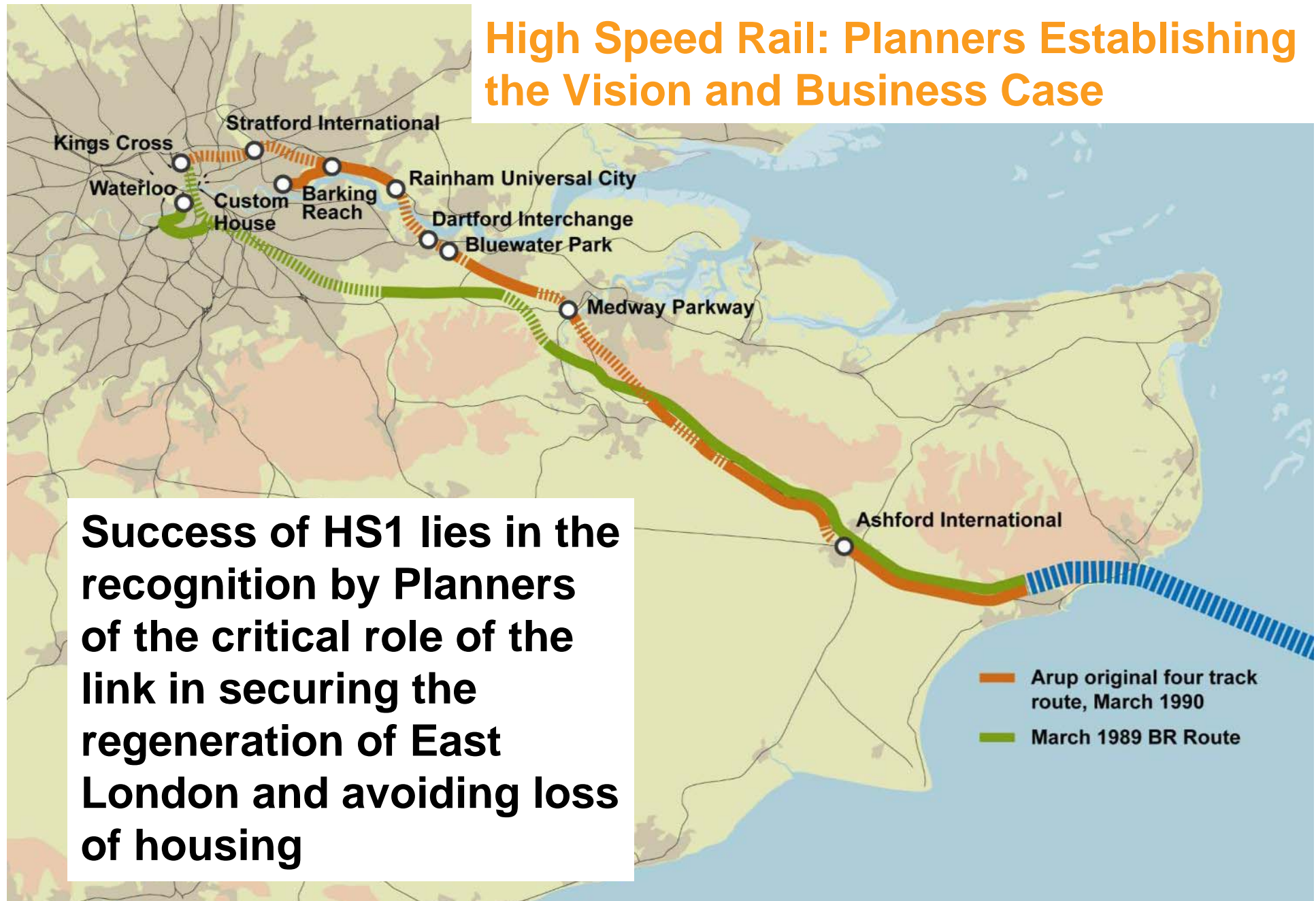
## **Showcase Planner's Roles in relation to:**

- **Setting a Vision**
- **Unlocking stalled projects**
- **Consultation**
- **Managing and mitigating impacts**

## **Conclusions**

**Early reflections on the NSIP regime**

## High Speed Rail: Planners Establishing the Vision and Business Case



# Establishing the Vision for Core Cities: HS 2



FINAL REPORT

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To  
Core Cities Group

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Understanding the transport infrastructure requirements to deliver growth in England's Core Cities

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July 2011

Volterra  
ARUP

Supported by expert advisors:  
David Begg and Jean Dent

**Planners had major role in identifying a Clear Case:**  
400,000 jobs in core cities and 1m in their wider urban areas

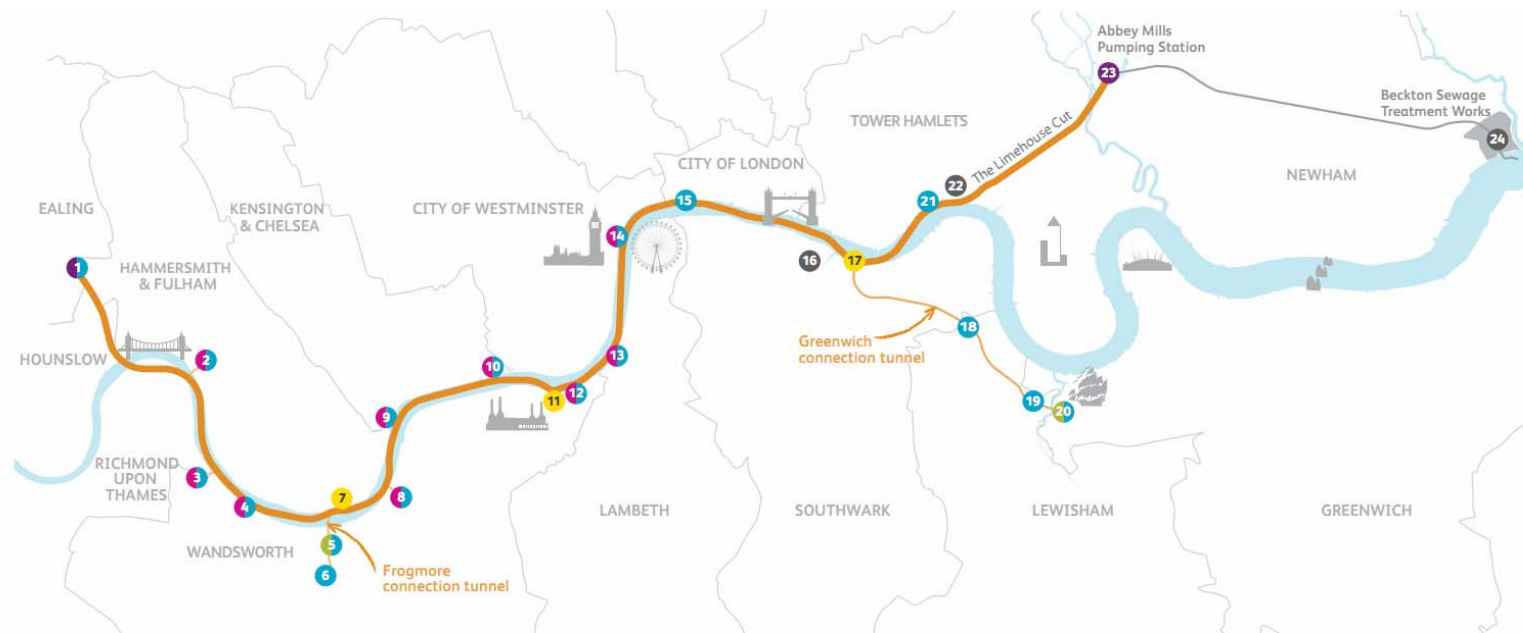
# Unlocking Stalled Schemes

- **Viability of site and infrastructure requirements**
- **Revisit consents and policy**
- **Realigning obligations to current market position**
- **Tapping into new delivery funds and organisation**



# Stakeholder Involvement: Thames Tunnel

- Scheme to construct a storage and transport ‘super sewer’ to prevent sewage discharges into the Thames
  - Involves 24 construction sites for 2-7 years on or near the Thames foreshore – Acton to Beckton
  - Arup planners undertaking and analysing the Consultation
  - Understanding the drivers, optimising the scheme design



# Thames Tideway: Scale of Exercise

## Consultation Stages

- **Phase 1: Sites and Suitability**
  - *Subsequent Interim engagements with stakeholders*
- **Phase 2: Preferred sites**
  - *+Required Publicity for proposals (S48)*

## Phase 1 Scale

- **Methods**
  - 162,926 letters and packs
  - Dedicated website
  - Community briefings
  - Public exhibitions
- **Response**
  - 2,874 unique responses
  - 2,389 feedback forms
  - 5 petitions

# Major Energy Projects: Finding solutions that minimise or mitigate impacts

- Making ‘Big kit’ work in rural locations
- Large and complex applications
- Extended construction of a scale out of context to the locations
- Housing the temporary workforce
- Site access and Transport
- Local employment and skills legacy
- Community wellbeing
- Local authority resources
- Relationships to existing strategy

Nominated sites for new nuclear power stations, Oct 2010



# Initial Thoughts on the NSIP Regime

## NSIP Strengths

- National case now recognised
- Faster Decision making
- Improving understanding through practice of needs for local integration
- Consultation requirements and practice now clearer

## Possible Unresolved Issues

- Sub national roles(?)
- Scope to evolve schemes post submission and decision
- Relationships to Local Policy (and perhaps NPF)
- Length of submissions!

# Planner Involvement: Key Lessons

- **Huge requirement for tangible planning input to make projects work**
- **Successful delivery means going beyond**
  - Purely engineering solutions
  - Technocratic processes or box ticking
  - Forcing projects through the planning system
- **Success requires Planner involvement**
  - Establishing a clear vision and case
  - Seeking integration with the local context
  - Identifying mitigation solutions
  - Engaging stakeholders and seeking to address their concerns

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