

Urban Nodes along the Trans-European Transport Network

How can Stakeholders work together

WHAT IS AN URBAN NODE?

Alan O'Brien/Neri Di Volo

The Urban Node

○ Growing Cities

- *Delivery of Major Infrastructure, and the spatial response*

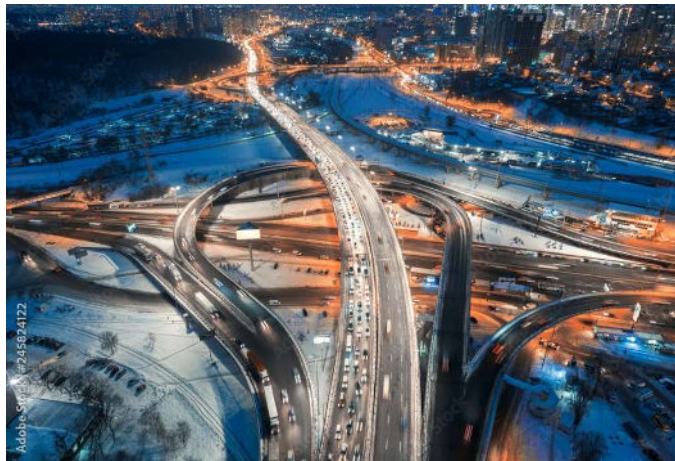


- *Defining 'functionality' of Infrastructure*

Ref: DUT Partnership

Transport and Spatial Planning for an Urban Node

- **Delivering Safety, Efficiency, Reliability.....*but*.....Quality of Life?**



- **What about the Urban Node as a 'Service Hub**



The Planning Tools

○ National Strategies and Local Plans

- *SUMP*
- *National Transport Plans*
- *Spatial Plans and Economic Plans?*

○ What is required of the institutions to achieve this?

- *Integration on Planning Activities – Common Visioneering*
- *Ownership*

○ Role and Planning of the Railway Node in the (TEN-T) network in order to guarantee its functioning



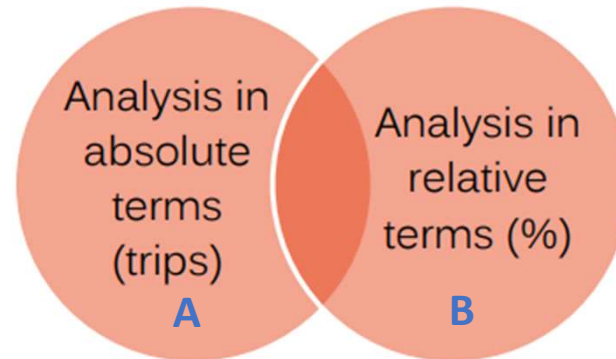
Example from Spain

Cooperation with MITMA



Example from Spain

Identification of Nodes and their FAs



A (absolute terms)

