

Twitter: #VitalNodes

Vital Nodes 2nd Policy Dialogue

15th October 2019

Vienna House, Brussels



VITAL NODES

Agenda

12.00 - 12.20 Welcome & Introduction

'Building a Network for EU Urban Nodes – Highlights From the Vital Nodes Project'

12.20 - 14.00 Policy Dialogue (working lunch)

Keynote interventions (12.20 – 13.00)

Introduction to the Vital Nodes Policy recommendations (13.00 – 13.20)

Panel discussion with interventions from the audience (13.20 – 14.00)

14.00 - 14.15 End of the policy dialogue and working lunch (Coffee)

14.15 - 15.50 Stakeholder & Expert workshop: discussion and validation of Vital Nodes recommendations per policy domain

Group discussions

15.50 - 16.00 Wrap up and conclusions



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 769458



Building a Network for EU Urban Nodes – Highlights From the Vital Nodes Project

Sjaak van der Werf, Project manager Vital Nodes, Senior Advisor
Rijkswaterstaat



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Vital Nodes CSA partners

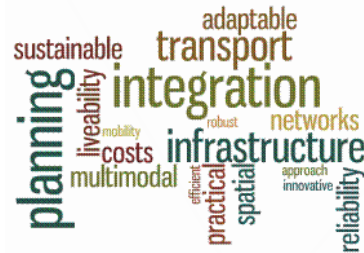


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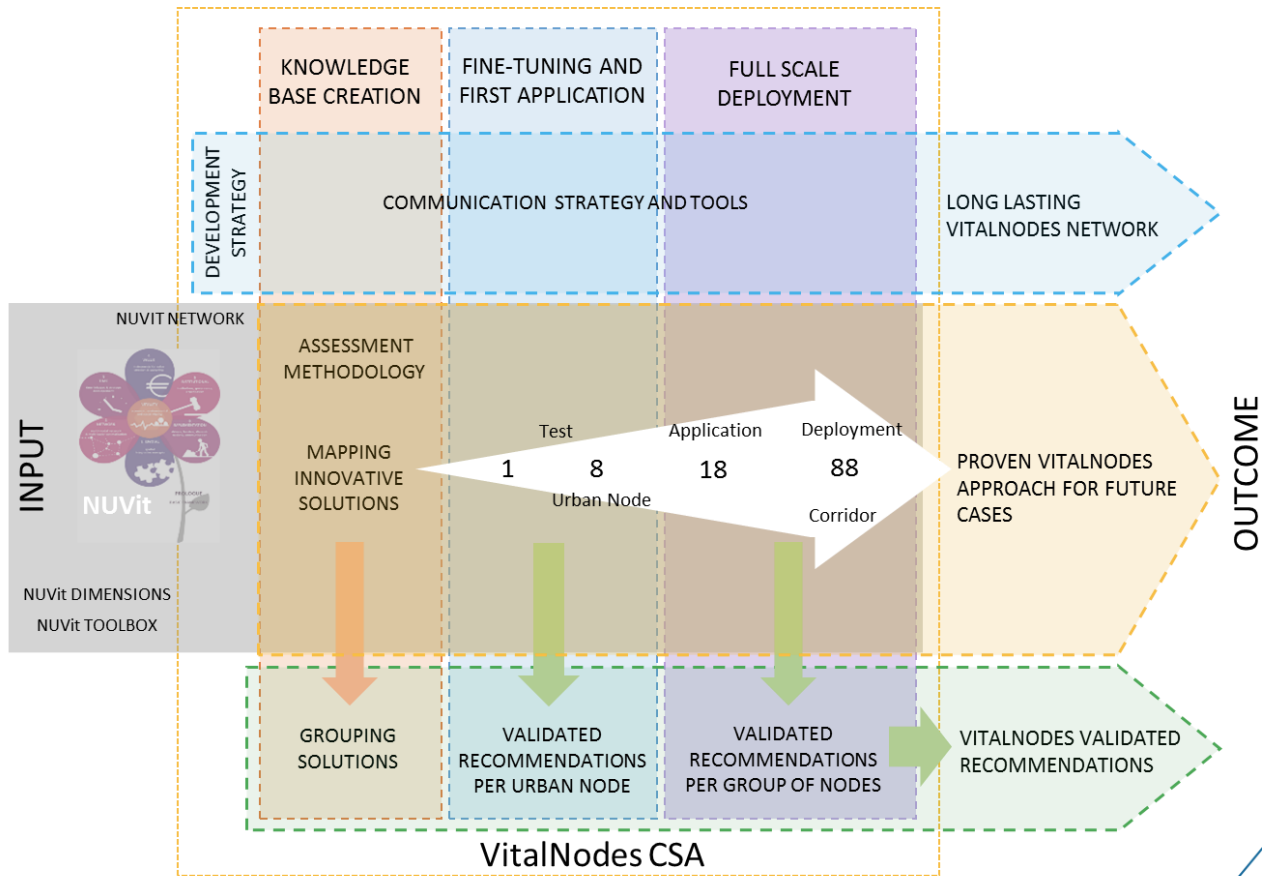


Challenges

- Integrating freight logistics of urban nodes into network corridors, last-mile and long-distance freight logistics, interaction with passenger transport
=> complex issue with a multi-dimensional character
- Need for more (cost-)efficient and sustainable integration addressing network issues of the (freight logistic) transport and mobility system but also spatial issues related to urban vitality (socio-economic development, spatial and environmental quality & liveability)



Overall Concept of Vital Nodes



Policy Dialogue



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Policy Dialogue - *Keynote interventions*

Mathieu Grosch, European Coordinator for the TEN-T
Orient/East-Med Corridor



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Policy Dialogue - *Keynote interventions*

Gudrun Schulze, European Commission - DG MOVE



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Policy Dialogue - *Introduction to the Vital Nodes Policy recommendations*



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Policy recommendations on integrating Urban Nodes and TEN-T corridors

Vital Nodes 2nd Policy Dialogue
H2020 project Vital Nodes

15 October 2019 – Brussels
Jos Arts (*Rijkswaterstaat / University of Groningen*)



Vital Nodes main objectives

Vital Nodes' work programme is designed to meet the following two main objectives:

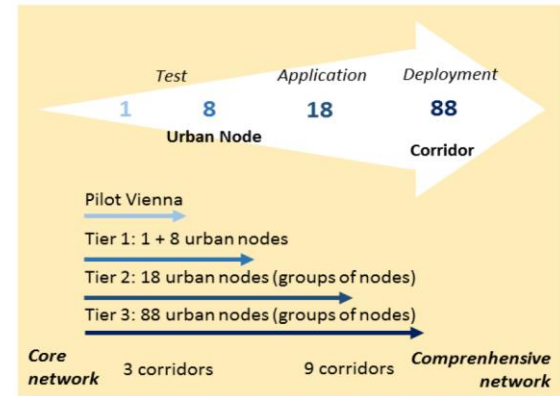
- to deliver *validated recommendations* for a more effective and sustainable integration of all 88 urban nodes into the TEN-T corridors focusing on freight logistics.
- to establish a *long-lasting European expert network* based on existing (inter)national and regional networks for safeguarding long-term continuity in knowledge and implementation.



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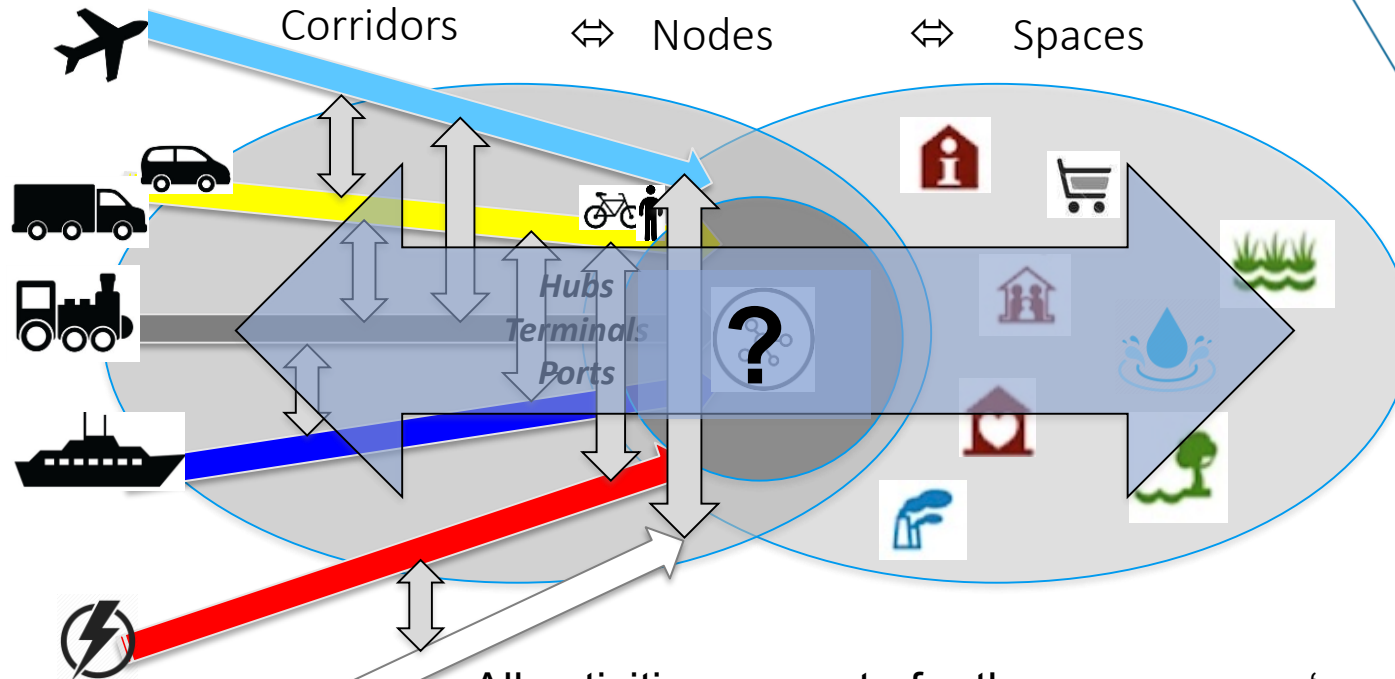
Approach

- Discussing challenges, solutions, impacts, good practices and added value for Europe
- ‘Fingerprint’ of the urban node – trends, facts and figures
- Maps on three levels (local, region / Functional Urban Area, TEN-T corridor)
- Mind-set: thinking on different **scales** (city, metropolitan area, cross-border, corridor) and **dimensions**
- Linking different scales and topics (spatial planning, infrastructure, passenger and freight transport)



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Connecting different worlds...



All activities compete for the same space 'common ground'
But planning, development and management is in silos

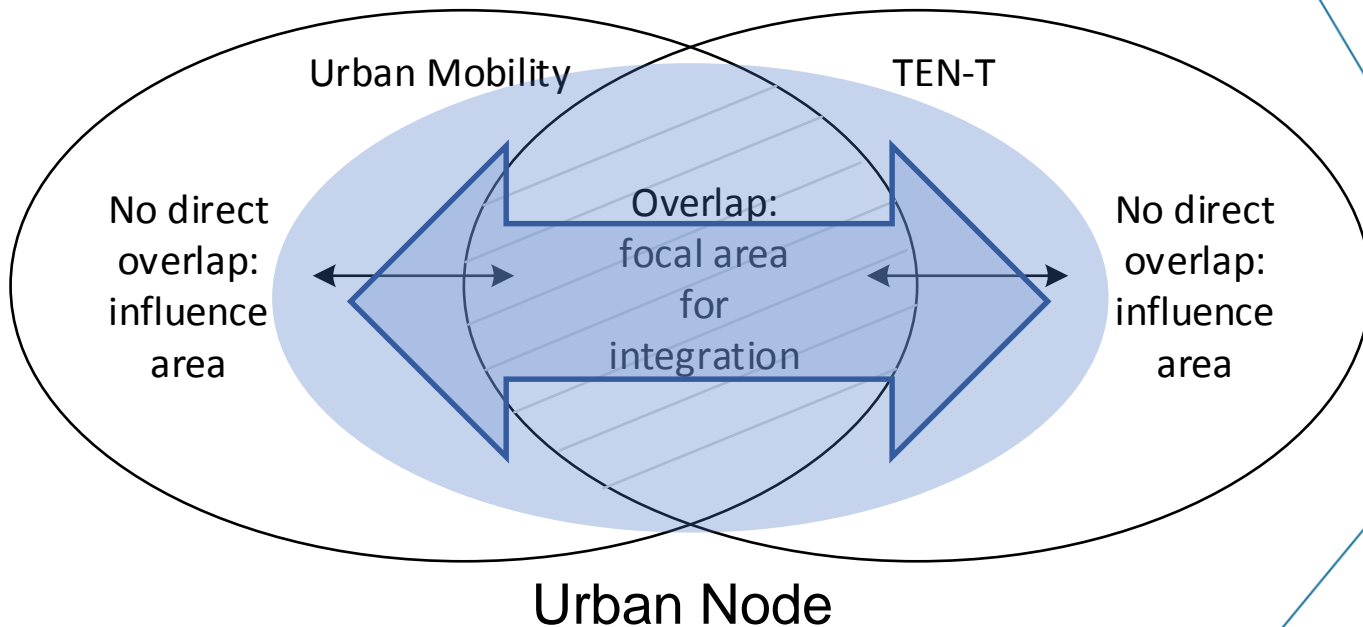
- ⇒ Tragedy of the commons!
- ⇒ Need for 'common sense'



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Focus area Vital Nodes recommendations

Integrating policy domains:



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Functional Urban Area (FUA)

Validation

- 25 recommendations, based on urban nodes workshops, meetings
- Workshops and expert meetings
- Survey
- All 88 urban nodes



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Structure recommendations

Based on Toolbox

1. Strategy Value
2. Network/Space
3. Governance / Time
4. Finance / Funding
5. Research / Data

WORK IN PROGRESS

Define smart objectives and added value
(mostly related to spatial quality and/or liveability)

Space

Network

Identify (potential) synergies between the spatial and network dimension

Time

Institutional

Financial

Define the way of implementation

Research / data

Why?

Why should one act in the current situation? (what is the added value)

What?

What are (potential) synergies between the spatial and network dimension and what strategies might be chosen to obtain value?

How?

How could the chosen strategy be implemented effectively?

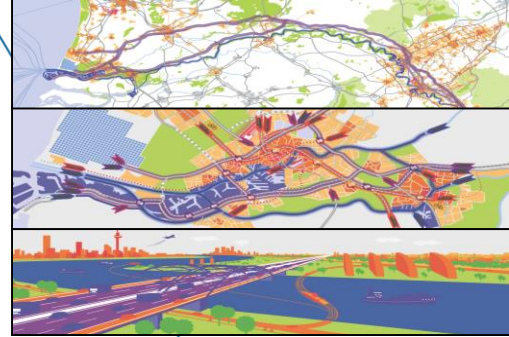


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Recommendations

Cluster: Strategy / Value



1. Support the use of the VN Toolbox for developing a *fact-based comprehensive strategy* combining urban mobility and TEN-T objectives (action programme + implementation roadmap);
2. Support common understanding and collaborative policy making at different policy levels (local, *FUA*, national, international)
3. Develop a value oriented comprehensive policy (data based, use of indicators, monitoring, taking into account specific characteristics)
4. Support the use of the Vital Nodes Toolbox for planning e.g. by incorporating the VN Toolbox into a SUMP Topic Guide

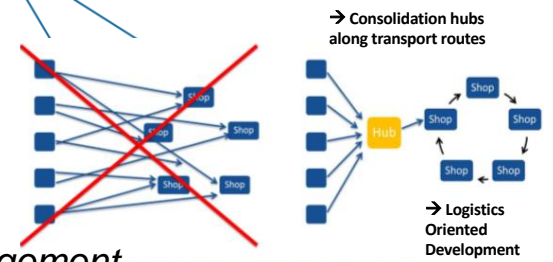


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Recommendations

Cluster: Network / Space

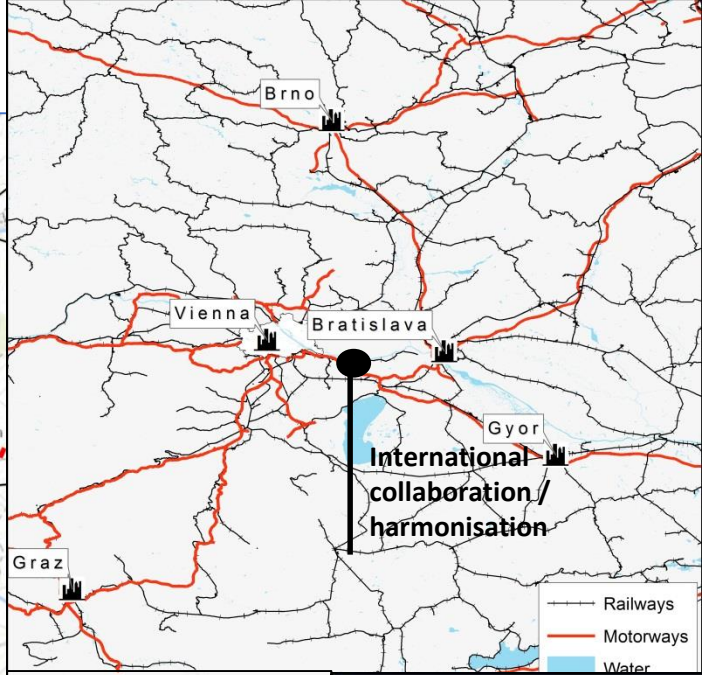
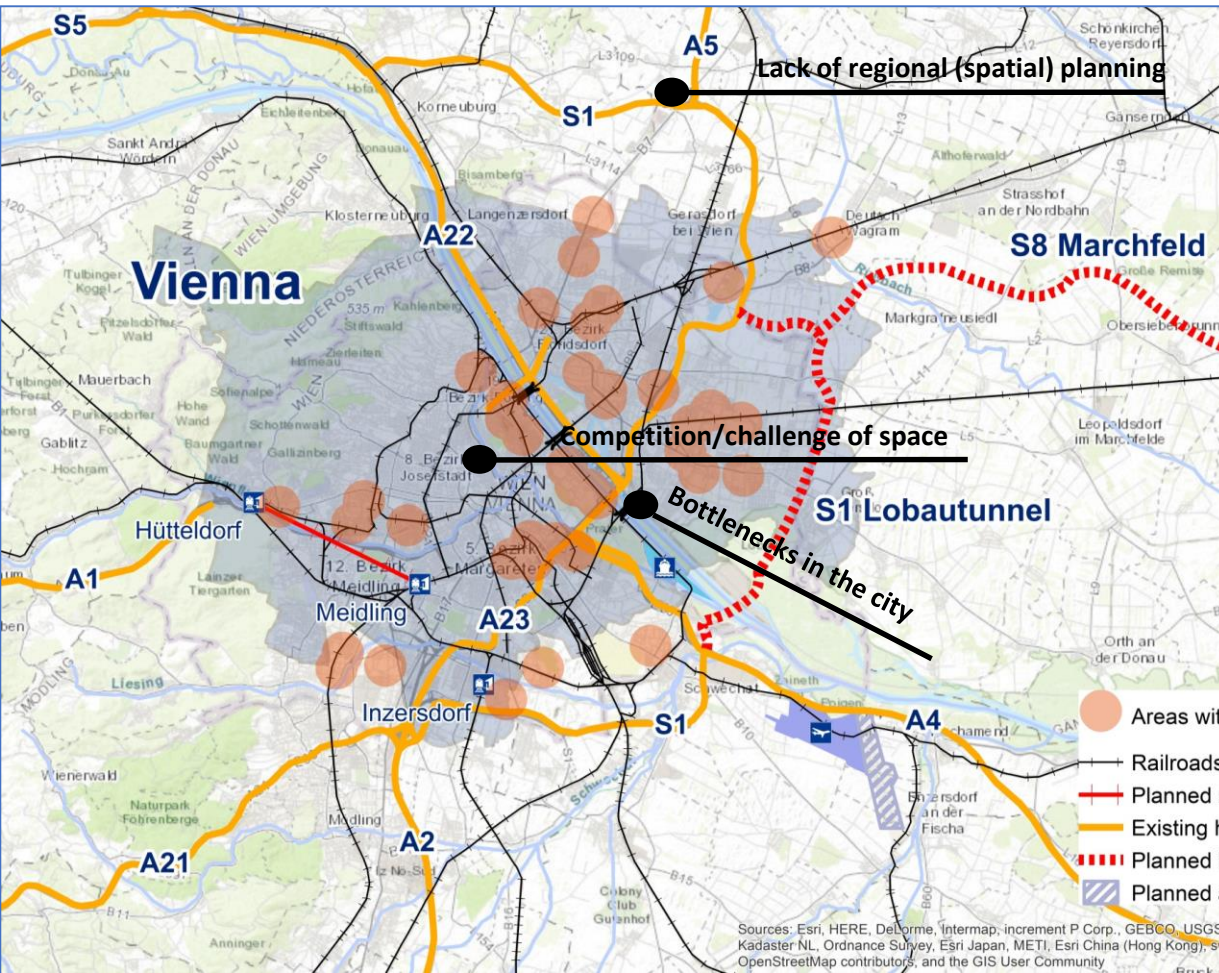


5. Develop a *multi-modal planning approach and coordinated asset management*, considering its impact at local, *FUA* and corridor level;
6. Develop *additional guidelines on ITS applications* at the interface of long-distance and last-mile transportation and the use of *traffic management tools* for information and navigation services;
7. Invest in *infrastructure interfaces at urban nodes*; both in infrastructure connections and terminals and logics centres
8. For (large) freight transport infrastructure consider persons traffic impacts and measures (v.v.)
9. Support the *development of consolidation centres* (also link up with alternative fuels infra)
10. Utilize the strategic real estate positions of *land owned by infra managers (such as railway, marshalling yards) or by logistics service providers in urban areas*.
11. Initiate *harmonisation of access restrictions* (e.g. LEZ)



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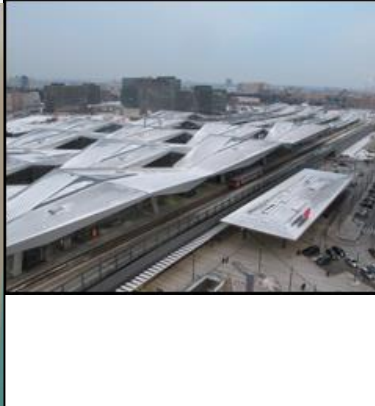
Example – Vienna - FUA



NEU LAGERFLÄCHE + BÜRO ZU VERMIETEN

2.500 m² bis 24.000 m² Fertigstellung Q2 2017

LOGISTIKZENTRUM WIEN-NORD



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, OpenStreetMap contributors, and the GIS User Community

Recommendations

Cluster: Governance / Time

12. Stimulate active collaboration between parties at different governance levels and across sectors/ disciplines. Expand the *geographical scope* of urban nodes, focus on *urban-regional cooperation* (FUA-level)
13. Promote *incentives for public-public, public-private, cooperation* and involvement of civic society.
14. Enable TEN-T related *cross-border collaboration for urban nodes, taking into account the FUA*.
15. Support active capacity building in urban nodes
16. increase the *involvement of the urban nodes* into the coordination of the nine TEN-T core network corridors (CNCs) by a dedicated *urban nodes working group* and a dedicated *Urban Nodes European European Coordinator*.
17. Create an *action programme including a roadmap for implementation*, which actions should be matched by funding programmes.
18. Facilitate institutional networking by and establish a *community of Urban Nodes professionals* (Vital Nodes Network can be the basis)



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Recommendations

Cluster: Finance/Funding

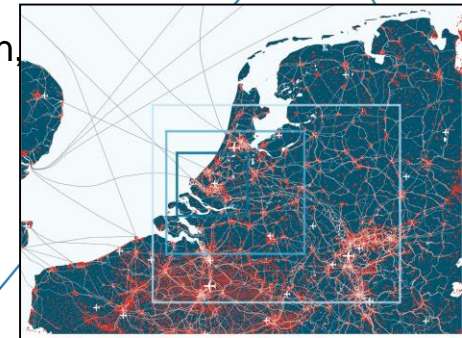
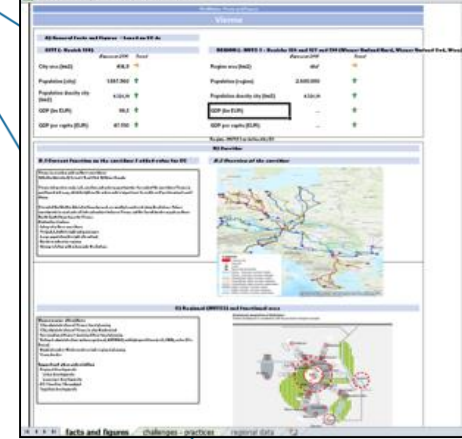


19. *Provide funding for urban nodes focused on integration* in the TEN-T corridors by pre-allocating budget for upcoming calls/applications.
E.g. stepwise 5-10-20% of CEF funding for integrated investments in infra, mobility, spatial, environmental measures enhancing integration.
20. *Acknowledge complex investment needs* of urban nodes (beyond sectoral boundaries). For instance, similar to climate mainstreaming objective of MFF.
21. *Explore combined funding solutions for integrating* urban nodes in TEN-T corridors (e.g. by using existing urban earmarking (ERDF), or by linking up to SUMPs)
Multiple funding sources can be mobilized to implement integrated strategy, which can be stimulated by defining eligibility and award criteria. Also an exchange platform with different EC services (DG MOVE, REGIO), and EIB could facilitate streamlining of procedures.



Recommendations Cluster: Research/Data

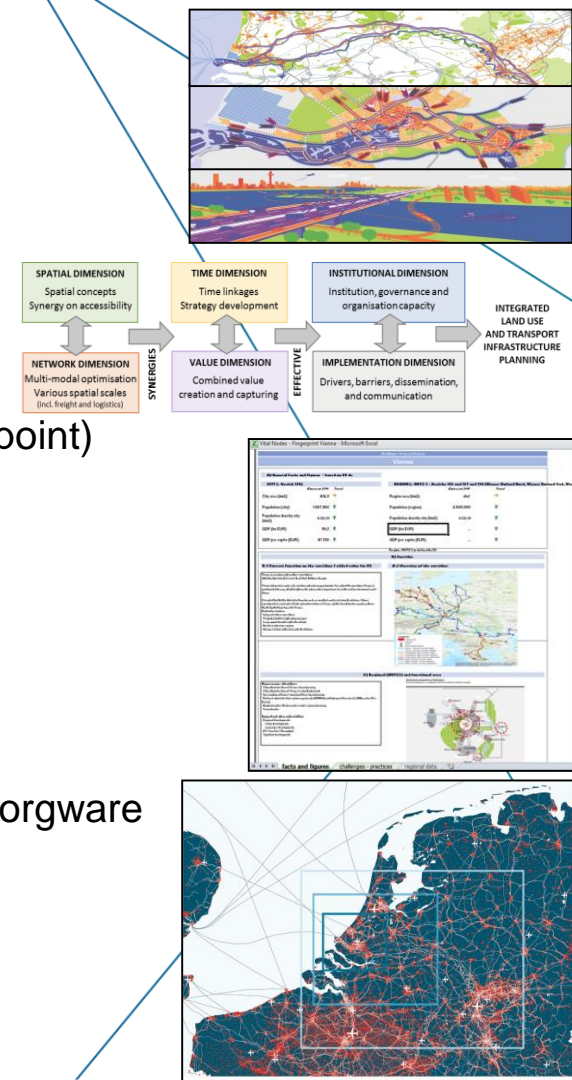
22. Facilitate research, innovation and implementation by mobility labs. Use *urban nodes as research, innovation and implementation platforms*, being the main hubs for local/regional network (FUA) and TEN-T network (e.g. regarding alternative fuels, digitalisation).
23. Stimulate further development on *data-based policy-making and planning* and a corresponding datasets and monitoring framework to determine the functioning of urban nodes, FUA and network;
24. Develop *tools to support sharing of urban node related data* with other partners in the logistics chain/corridor (public and private).
25. Promote further research on the interfaces of freight/persons, intra-/inter-urban, last-mile/long-distance transport and on spatial-economic analysis of Functional Urban Areas, integrated assessment and business-cases as well as related multi-level governance approaches.



Conclusions: main issues

- Linking different scales (local, urban-regional, (inter)national corridor)
- Importance of Functional Urban Area (> Urban Node)
- Linkages between multiple dimensions
- Need for an integrated, multi-governance approach (FUA as starting point)
- Importance of fact-based planning: strategy-action programme-implementation-monitoring
- Funding focused on integration, combining funds
- Need for urban nodes coordinator, working group, and community

=> Requires cross-boundary approaches both hardware, software and orgware (boundary spanners, in-between space)



Towards vital urban nodes!

Thank you for your attention

Jos Arts

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www.vitalnodes.eu



Stakeholder & Expert workshop - discussion and validation of Vital Nodes recommendations per policy domain



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Wrap up and conclusions



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Thank you for your participation

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