

MORE Exchange Forum

24th June 2020

On-line Workshop on Co-creation in Street Design

Peter Jones, UCL; MORE Scientific Coordinator



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 769276.

This document reflects only the author's view and that the Agency is not responsible for any use that may be made of the information it contains.



Outline

- **What is MORE about?**
- **What is the project doing?**
- **What are the key outputs?**
- **What is the role of the MORE Exchange Forum?**

What is **MORE**
about?



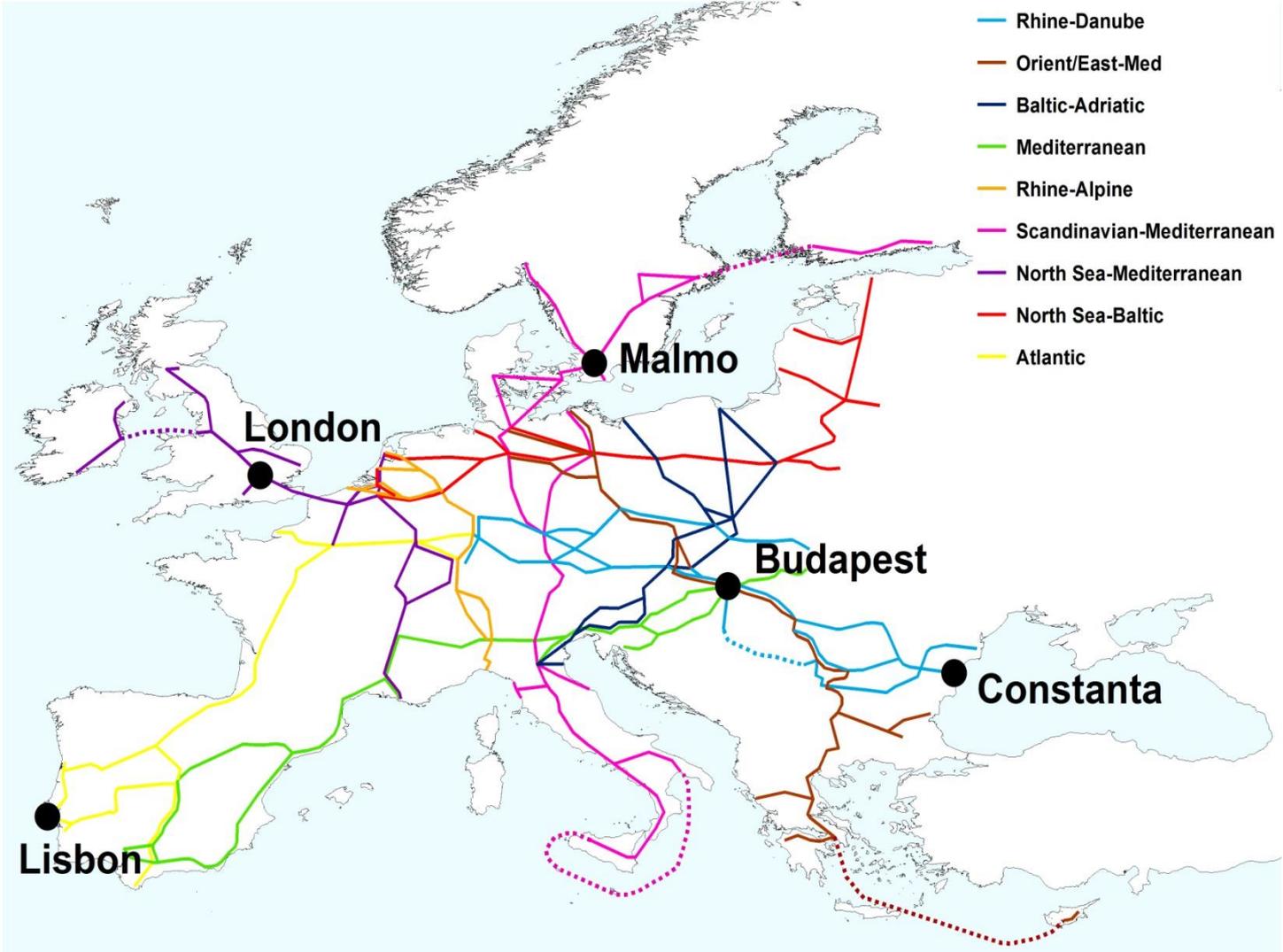
Multimodal Optimisation for Roadspace in Europe

- MORE is a very ambitious project, which sets out to:
 - Identify existing and future pressures on the main roads in cities that connect urban areas – and their major attractors (city centre, port, etc.) - with the national/TEN-T: Trans-European Road Network = ‘Feeder Routes’
 - Develop design tools and processes that will enable these key routes to be planned, designed, managed and operated in a way that make them responsive to future pressures, in a holistic and flexible manner
 - By exploiting possibilities for dynamic space management and operation
- Including the interfaces between urban and inter-urban/national TEN-T networks



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| Participant No | Participant organisation name | Short name | Country |
|--------------------|---|------------|---------|
| 1 (Coordinator) | University College London | UCL | UK |
| 2 | Technische Universität Dresden | TUD | DE |
| 3 | Fondation Nationale des Science Politiques | SciencesPO | FR |
| 4 | PTV Group | PTV | DE |
| 5 | Dynniq | DYN | NL |
| 6 | VECTOS (SOUTH) LIMITED | VECTOS | UK |
| 7 | Buchanan Computing | BC | UK |
| 8 | European Integrated Projects | EIP | RO |
| 9 | Polis | POLIS | BE |
| 10 | Union Internationale des Transports Publics | UITP | BE |
| 11 | International Federation of Pedestrians | IFP | CH |
| 12 | European Cyclists' Federation | ECF | BE |
| 13 | Center for Budapest Transport [City of Budapest] | BKK | HU |
| 14 | Câmara Municipal de Lisboa [City of Lisbon] | CML | PT |
| 15 | Transport for London | TfL | UK |
| 16 | Traffic Transportation Division [City of Malmo] | MALMO | SE |
| 17 | Municipiu Resedinta de Judet Constanta [Constanta municipality] | PMC | RO |



MORE Study Objectives

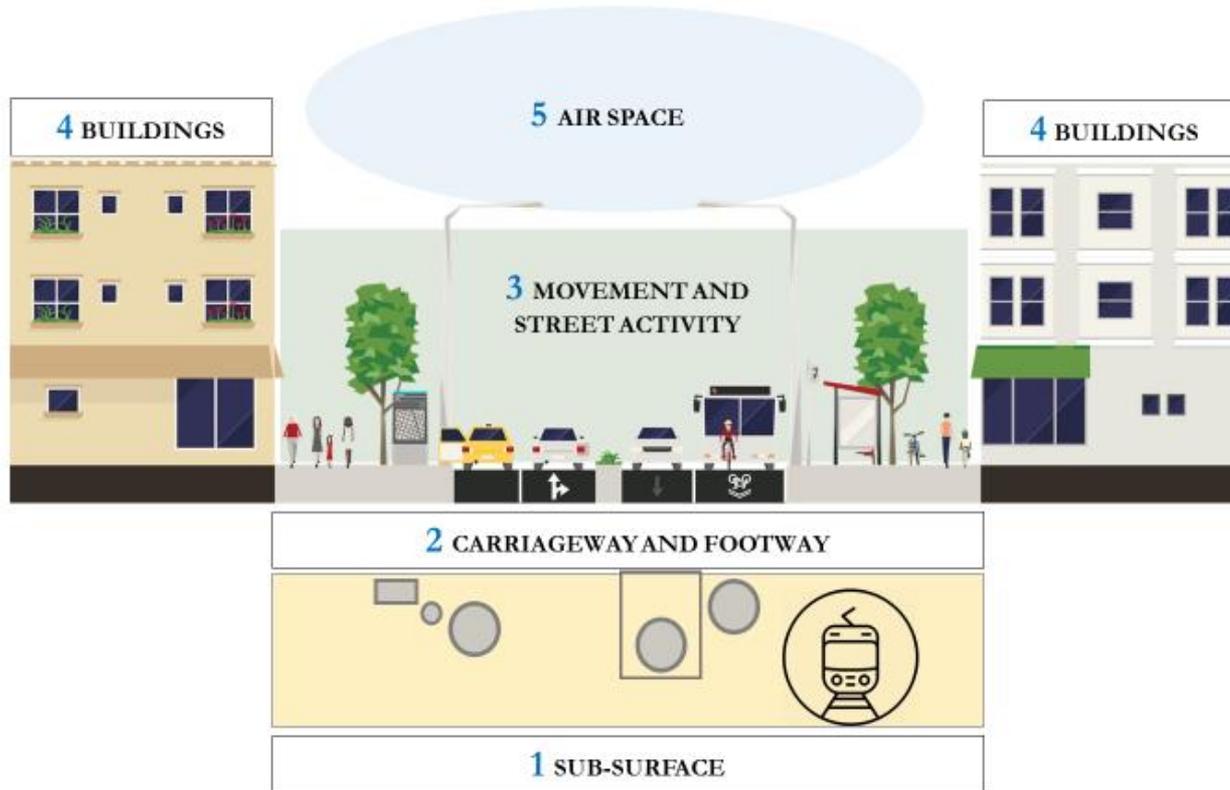
1. Identify '**good practice**' in major urban road street planning, design, operation and management.
2. Develop a **comprehensive framework** for identifying needs-based **design brief** requirements, including the mobility needs of road users, other street user activities, those working and living adjacent to the road, and wider policy considerations (e.g. climate change, energy efficiency, community cohesion, road safety, personal security, etc.).
3. Determine cross-modal and cross-sector **performance indicators**.
4. Investigate the **organisational/institutional** arrangements (including the regulatory background, administrative processes and funding).
5. Identify **opportunities and threats** arising from new transport and non-transport **technologies and emerging digital eco-systems**.
6. Develop **future scenarios** as inputs to design briefs, reflecting potential changes in demographics, working practices, new transport products, etc.
7. Develop interactive tools for **stakeholder engagement**, to contribute to the design brief and to the co-creation of design options, using both physical 'planning for real' and web-based tools.

8. Develop web-based tools to assist in the **generation of design options**, drawing on existing experience and combinatorial algorithms.
9. Develop an **enhanced simulation tool** (based on VISSIM) capable of simulating the actions of all street users and providing outputs in the form of the agreed performance indicators.
10. Develop a **comprehensive appraisal tool** for assessing the road-space design options, using the simulation outputs from objective 9 (WP4).
11. Apply the developed concepts and tools on **case study corridors** in five Urban Node European cities, to demonstrate their applicability and to derive optimal design solutions.
12. Conduct an overall **assessment of the case study corridor exercises**, to assess their effectiveness and derive findings that would be applicable to other European cities. (WP5)
13. Develop **guidelines** for optimal road-space allocation on major urban corridors that can be applied by Urban Nodes in Europe and beyond.
14. **Disseminate** results widely through European-level and national organisations, and **exploit internationally** the commercial products developed in MORE.

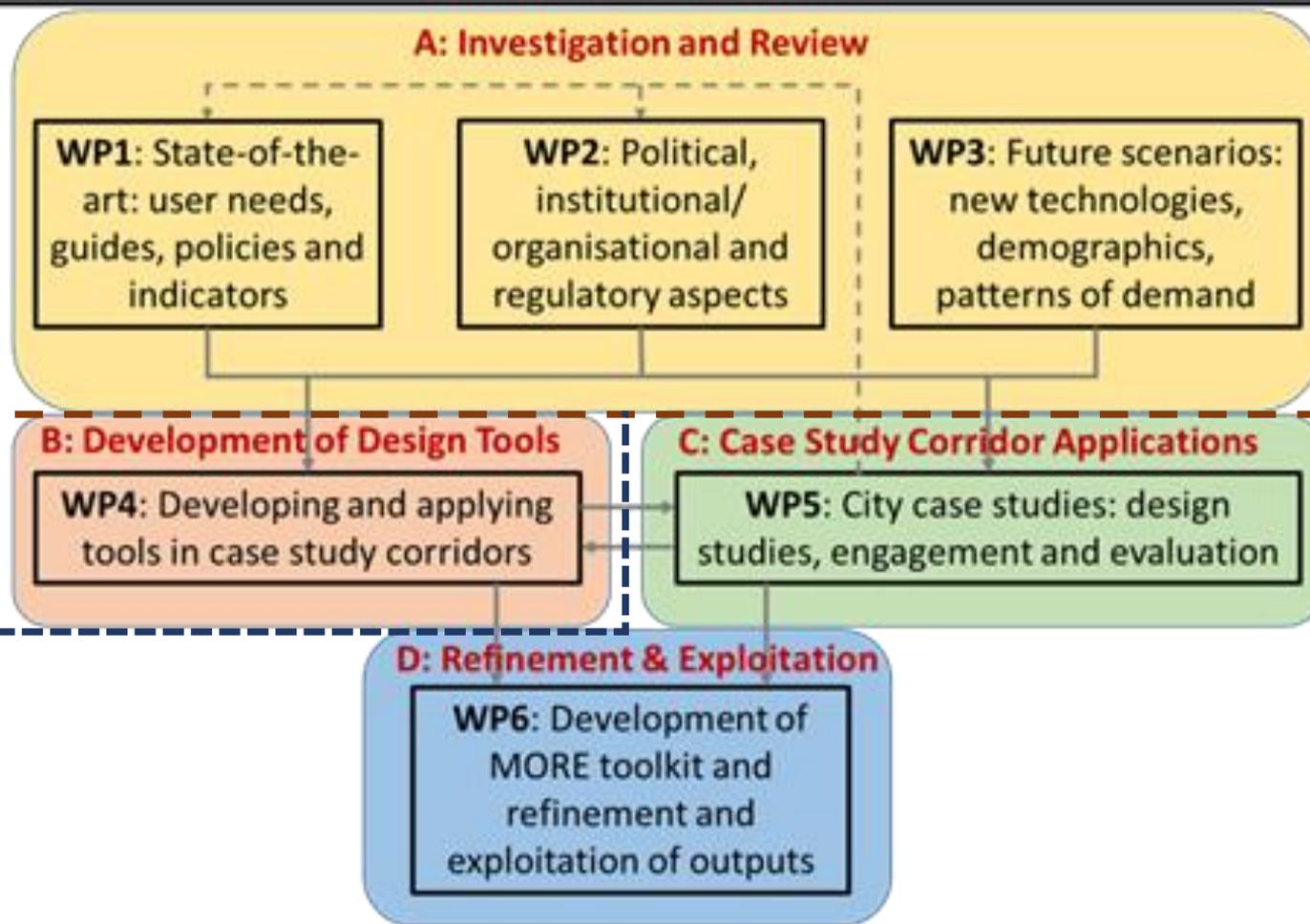
What is the project doing?



Through lens of: Urban Street as an 'Eco-System'



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**What are the
key outputs?**



Technical 'Deliverables': Submitted

| TITLE | |
|---|--|
| D1.1 Incorporating user needs | |
| D1.2 Urban corridor road designs: guides, objectives and PIs | |
| D2.1: Institutional and organisational factors | |
| D2.2: Regulatory framework | |
| D2.3: Streets as contested spaces | |
| D3.1: Analysis of technical advances | |
| D3.2: Future user needs | |
| D3.3: Future scenarios | |
| D4.1: Design option generation tools | |
| D4.2: Stakeholder engagement tools | |
| D4.3: Micro-simulation modelling tools | |
| D4.4: Street design appraisal tools | |
| D5.1: Case study feeder route characteristics and design briefs | |

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| D4.3: Micro-simulation modelling tools |
| D4.4: Street design appraisal tools |
| D5.1: Case study feeder route characteristics and design briefs |

What is the role of the MORE Exchange Forum?



MORE Exchange Forum Group

- Provides a platform to discuss common interests and provide feedback on the tools and other outputs developed by MORE
- Members will
 - Present their own work
 - Receive frequent updates
 - ‘Meet’ regularly throughout the duration of the project
 - Provide feedback on the MORE tools and concepts
 - Receive tailored guidance on how to use the tools in their own context
 - Get some reimbursement for attendance at physical meetings

Members profiles

- Local, regional, national and European transport authorities
- Private planning and operating consultancies
- Innovation companies and software developers
- Academic research groups
- Freight and logistics companies
- Public transport representatives
- Advocates of modes, such as cycling, walking, motorists, etc
- Organisations promoting environment, inclusion, etc

Apply here: <https://www.roadspace.eu/join-the-more-exchange-forum>



Thank you !

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