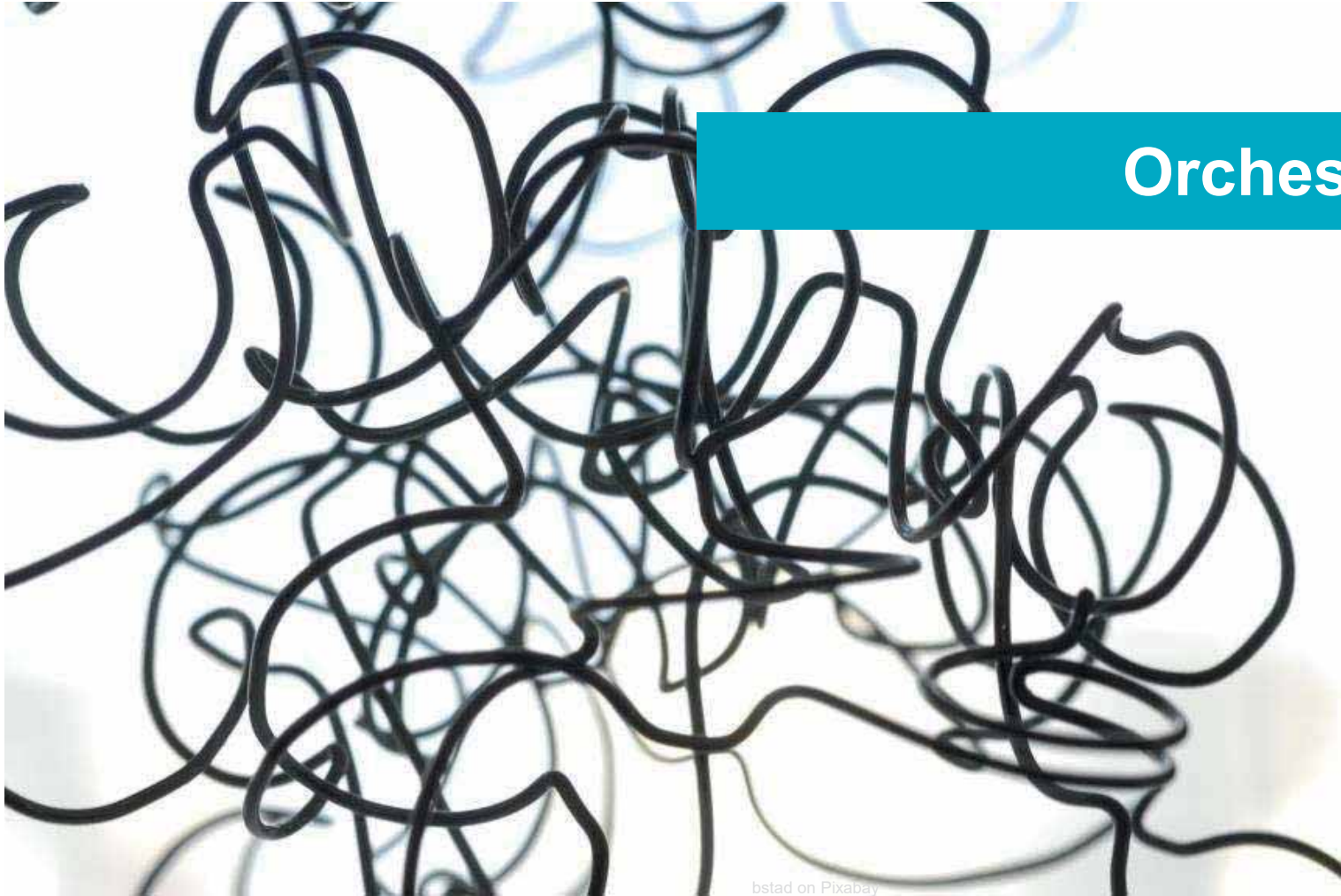


Solving the riddle of mobility for today and tomorrow

SCEWC18 - Barcelona
Developing Flexible & Integrated Public Transport Systems
14-Nov-2018





bstad on Pixabay

Orchestrating Mobility

ALSTOM – 14/11/2017 – P 2

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The image shows a futuristic control room interface for ALSTOM's MASTRIA system. At the top, the ALSTOM logo is next to the word 'MASTRIA' in large, glowing letters. Below this, a large screen displays a complex network diagram of a transportation system. In the foreground, two people are seated at a desk, interacting with the system. To the left of the main screen, there are six icons in rounded squares: a yellow square with a blue arrow pointing down into a container, a white square with a blue eye, a grey square with a black bar chart and an upward arrow, a green square with a magnifying glass and the text 'WHAT IF', a purple square with a circular arrow and the text 'sim', and a blue square with a person at a podium. A list of bullet points is on the right side of the image.

• MASTRIA •

- Integrated view on mobility flow
- KPIs : efficiency, congestion, modal share, customer satisfaction
- Capability for PTA to decide actions to improve the KPIs
- Capacity adaptation to demand
- Mobility improvement with multimodal orchestration
- Simulating impact of changes

Multimodal Management - PoC



PARIS – LA DÉFENSE



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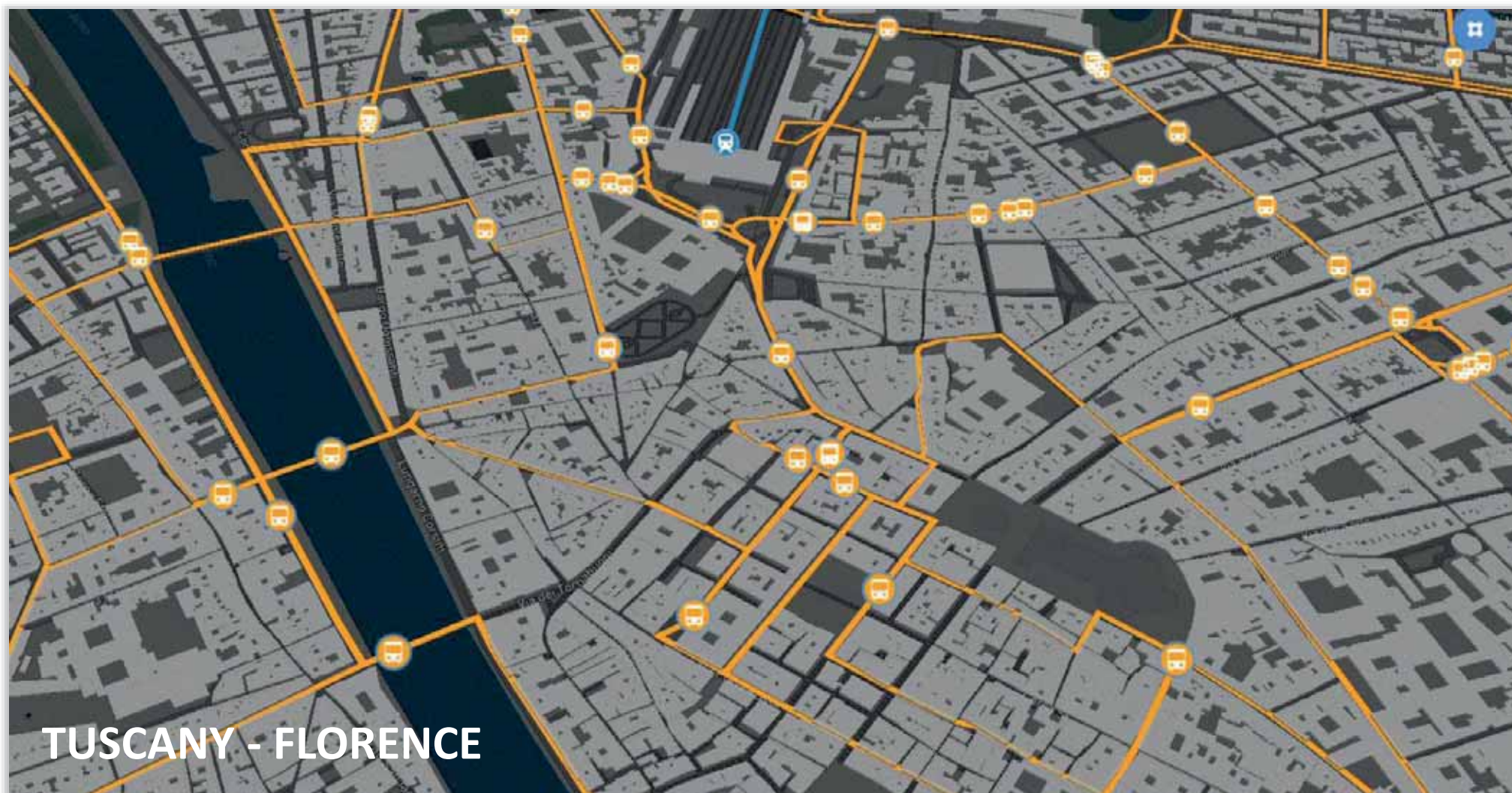
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PARIS – LA DÉFENSE

Paris – La Défense PoC: Challenges to solve:

- Improve the efficiency of the multimodal transport network
- Simulate micro behavior displacements in order to plan new transport offers and to supervise in Real Time
- Evaluate dynamic replanning





TUSCANY - FLORENCE

ALSTOM – 14/11/2017 – P 7

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Tuscany - Florence PoC: Challenges to solve:

- Multimodal real time supervision
- People flow supervision in hubs to facilitate modal shift
- Coordination of touristic buses & parkings



TUSCANY - FLORENCE



Orchestrating future mobility

<https://www.alstom.com/whitepaper-orchestrating-future-mobility>



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