

Impact Implementation Course

Integrated Mobility approach

15-1-2026

MPO Palm Beach

Movares and Scenexus

movares  smart
urban
engineering



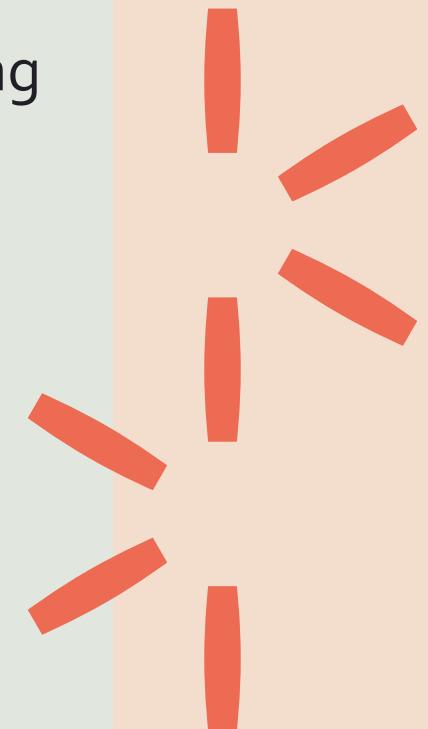
Movares International



Movares Smart Urban Engineering is a **Dutch** consulting and engineering company with a long history in Railway **engineering**. Along the years Movares Smart Urban Engineering has broadened her expertise into different fields of engineering, including Bike Mobility, first and last mile solutions and bike parking.

Movares International is happy to share her knowledge and expertise across the borders and help other countries in redefining and shaping infrastructure for optimal and sustainable mobility solutions for the future.

Lets work, develop and train together!



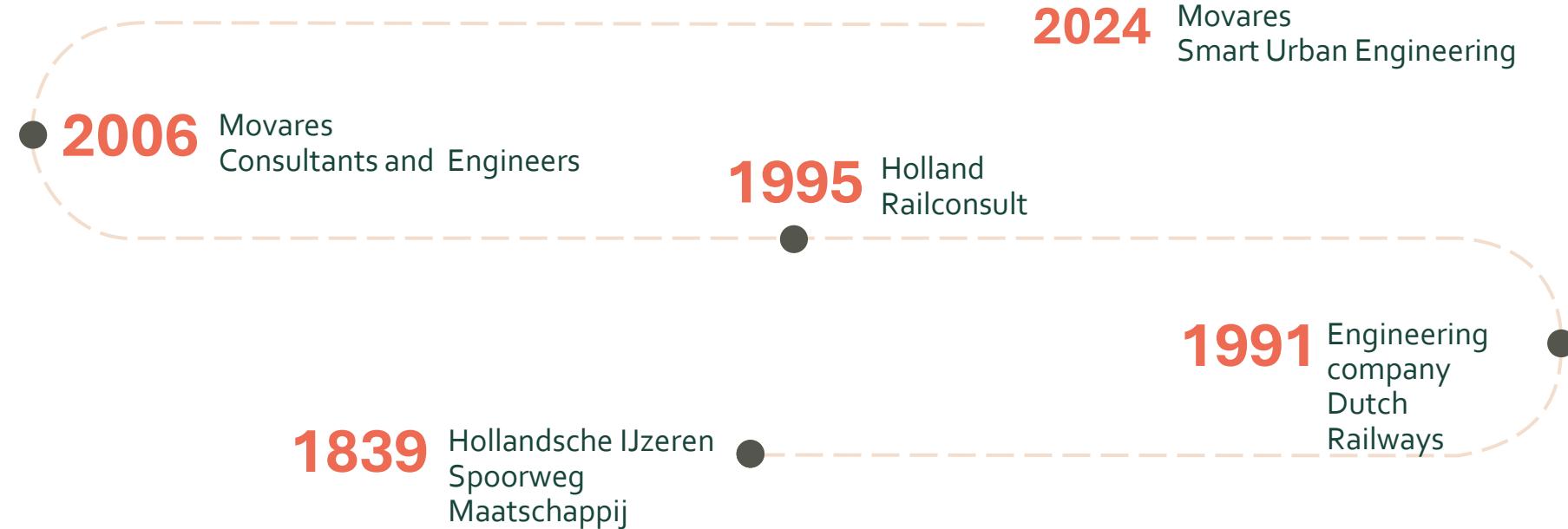
Our ambition

The social and geographical challenges in the world around us require a completely different and holistic approach. It must be smarter, faster, more sustainable and more effective.

By organizing the chain differently, using digitalization and finding innovative solutions together, we are preparing the landscape around us for the future.

We lead the next generation of infrastructure. Differently together.

The path of history of Movares Smart Urban Engineering



The fields we work in – Movares Smart Urban Engineering



Mobility



Infrastructure



Buildings



Climate adaption



Energy transition



Digitalizing

Highlighted expertise of interest for West Palm Beach

- Bike mobility

Bicycle parking

Train – bike connections

Multi-modality transportation hubs

Bike infrastructure as part of urban development

Integrated approaches to sustainable and liveable mobility friendly design and engineering





Utrecht Central Station: The Netherlands' largest public transport terminal

One of the most transformative infrastructure projects in the Netherlands is the redevelopment of the Public Transport Terminal (OVT) in Utrecht. Previously, the station faced major challenges: limited transfer options between trains and buses, unsafe traffic conditions, and a lack of public space. Movares was commissioned to reimagine and redesign the terminal - turning one of the country's busiest stations into a fully integrated hub for trains, buses, trams, bicycles, and taxis. Designed with a focus on accessibility, sustainability, and efficient flow, OVT Utrecht now successfully manages diverse traffic streams and serves as a model for multimodal transport integration.

Project scale and impact

Following its completion, OVT Utrecht spans **21 tracks** and **11 platforms**, accommodating up to **300,000 passengers per day** - a figure expected to exceed **100 million annually by 2030**. The terminal is more than a transport node; it's a vibrant urban center featuring **shops, offices, residences, and bicycle parking**, seamlessly connecting infrastructure with city life.

World's largest bicycle parking facility

A key highlight of the project is the creation of the **world's largest bicycle parking facility**, designed to accommodate **12,500 bicycles**. As Utrecht is both the busiest cycling city and home to the country's largest transport terminal, this facility was essential. Movares played a central role in its development, designing a **smart check-in/check-out system** and implementing safety enhancements. The facility features **real-time lane availability, modern amenities, and cutting-edge technology** - setting a new global benchmark for bicycle infrastructure.

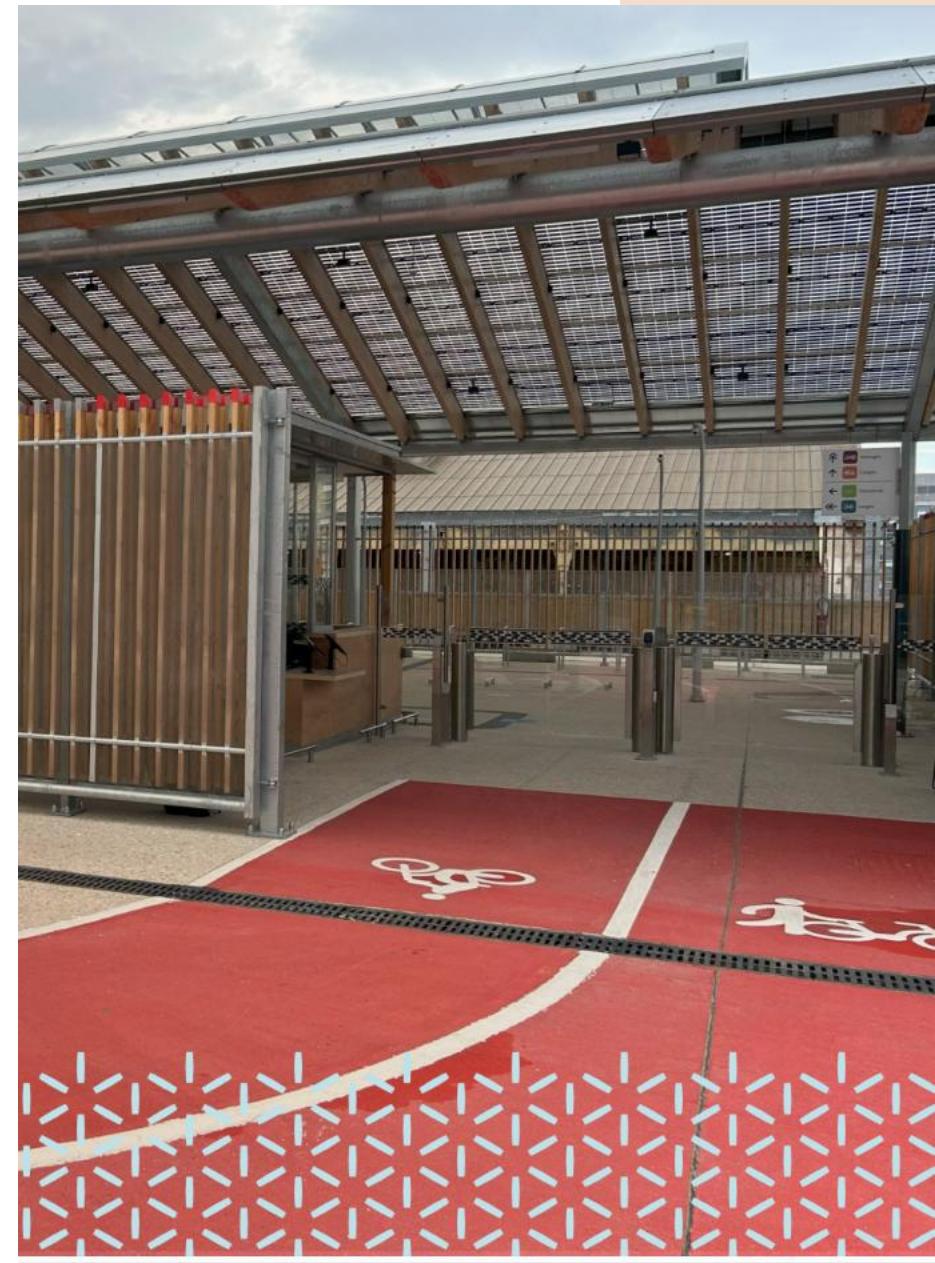
Integrated solutions for complex environments

This project showcases Movares' ability to deliver **innovative, integrated transport solutions** in highly complex urban settings. By combining technical expertise with a deep understanding of mobility needs, we create infrastructure that enhances urban life for both residents and visitors. Movares offers a **one-stop solution** for integrating multiple transport modes within dense environments - ensuring **functionality, safety, and future-readiness**.

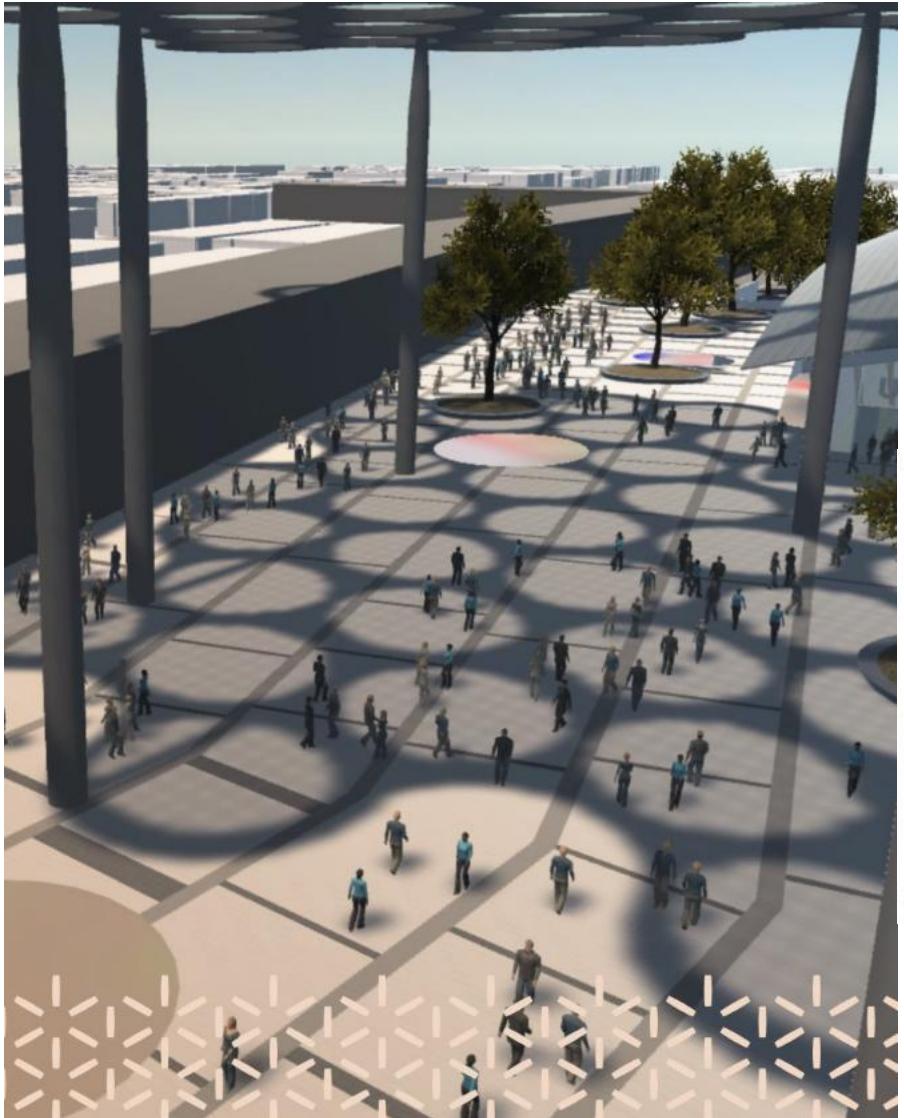
Paris Olympic Games 2024



Olympics 2024: bike parking at
Paris-Gare du Nord



Tour de France and La Vuelta Holanda



Crowd simulation for large scale events: Tour de France and La Vuelta Holanda



Train capacity for the Dutch Gran Prix

- Strategic Mobility planning
- Infrastructure Enhancements
- Integrated transport solutions
- Global expertise for large scale expertise





Empowering Collaboration through Capacity Building

Joint forces of Movares Smart
Urban Engineering and Scenexus

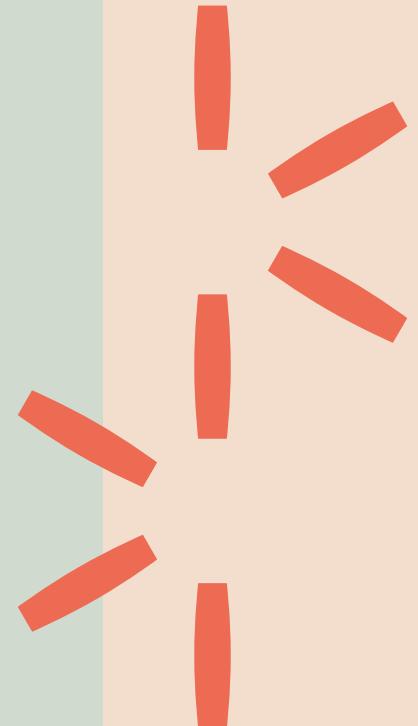


Why are we here today

- The Impact Implementation course is focusing on **building capacity** by deep diving into practical real life case studies and learn hands -on and integral tools and tricks to create optimal solutions to improve outcomes for both drivers, cyclists and pedestrians.
- =>Creating impact awareness in integral connectivity
- =>Using Digital Twin => predictive modelling



“Our training aims to empower you to create more liveable, sustainable and well-connected places with optimal decision making for mobility challenges”

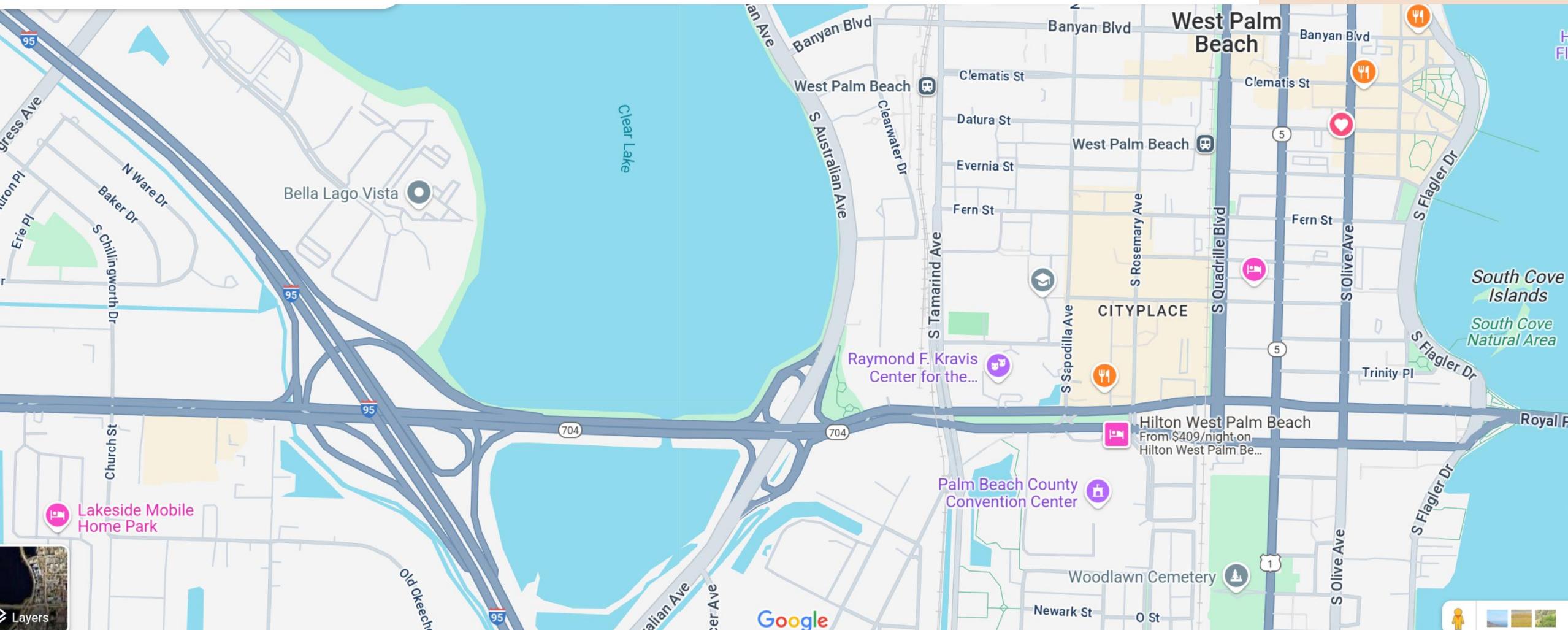


Focus of the hands-on training

- Thinking and working in an integral way, creating optimal solutions in (micro) mobility for the long term
- Thinking outside the box, with creative solutions to generate mobility flow
- Defining performance improvements
- System thinking from an integral perspective
- Using mobility flows for first and last miles ideas

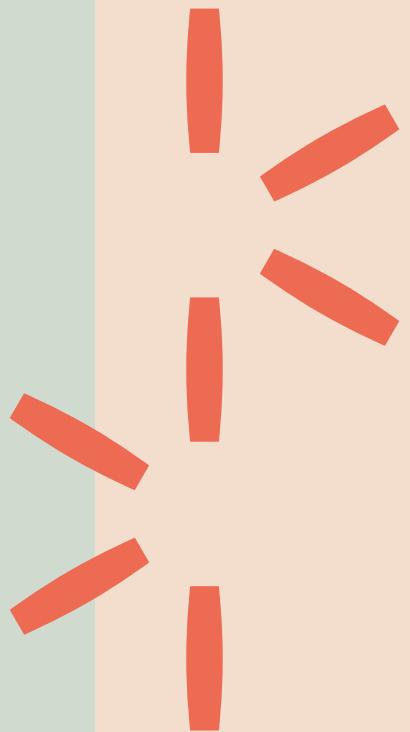


West Palm Beach

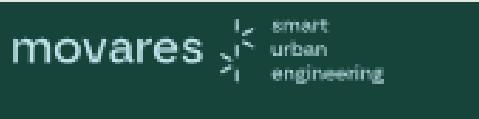


Program

- › Presentation Movares (Geert/Lennie) 15 min
- › Presentation Scenexus & Urban Strategy (Peter) 15 min
- › Showcases of predictive Digital Twin use cases (Leonard) 30 min
- › Hands on digital twin experience (2 hour total)
 - › Introduction (15 min)
 - › Forming and evaluating scenario's 15 min
 - › Individual per group 45 min.
 - › Coffee break 15 min.
 - › An integral perspective 15 min.
 - › Lessons learned & debrief 30 min.



Experts and facilitators Movares



Lennie Siesling



Managing Director
Movares International
Strategic consulting
Marketing Management
Business Consultancy

Geert Koops (expert)



Urban Mobility Planner
Worked in over 30
different countries on
urban (mobility)
strategies

Engineering Vitality.
Designing Movement.



Creating
solutions
differently
together.

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urban
engineering



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