



Urban logistics /
Last mile

Traffic and access
management,
navigation

Mobility monitoring using swarms of drones



Funded by the
European Union

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101104263

Developed by :



Project by :



Operational fields

Technologies

Solutions



Mobility monitoring using swarms of drones

Urban logistics /
Last mile

Traffic and access
management,
navigation



Solution description

Innovative mobility solutions for sustainable cities

Cutting-edge traffic analysis: Leveraging AI and drones for multimodal mobility insights

Privacy-friendly data collection: Advanced computer vision without personal data risks

Optimised urban mobility: Data-driven solutions to reduce congestion and emissions

Bridging research & practice: Translating top-tier academic findings into real-world impact



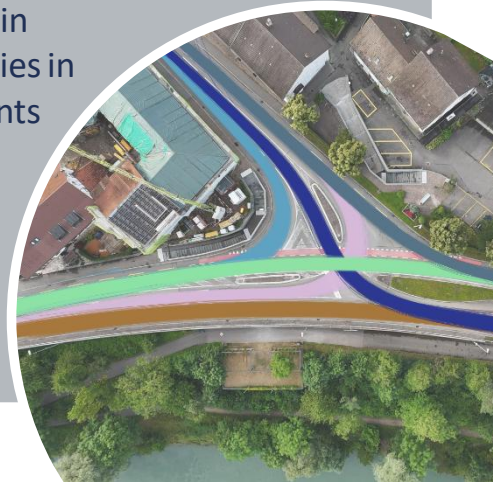
Benefits

- **Comprehensive AI-driven multimodal analysis**
- **High-resolution, large-scale data collection**
- **Cost-effective & scalable**
- **Impactful insights for decision-making**
 - Inclusion of soft modes & VRUs
 - Reduced congestion
 - Reduced emissions
 - Road safety

Main beneficiaries:

- Cities & Municipalities
- Mobility Consultants
- Research Institutions

- École polytechnique fédérale de Lausanne (EPFL) spin-off
- Presence in 10 countries in 4 continents



Technology readiness level : 9
Implementation stage :
Market-ready

Operational fields

Technologies

Solutions



Mobility monitoring using swarms of drones

Urban logistics /
Last mile

Traffic and access
management,
navigation



Our DELPHI use cases

Madrid: Leveraging drone data to optimise micro-mobility for last-mile delivery, considering safety, emissions, and efficiency.

Mykonos: Utilising drones to gather high-quality traffic data, enhancing optimization strategies for local bus operations.

Athens: Deploying drones for traffic monitoring, CO₂ and noise emission estimation, and correlation analysis.

Find out
more here



Would you like to know more?
Take contact :



Manos Barmounakis
CEO & Co-Founder



Chemin de Bérée 8b, 1010,
Lausanne, Switzerland



manos@mobilysis.ch



+41 (0)78 305 48 94

mobilysis.ch

Operational fields

Technologies

Solutions

