ABOUT

LABYRINTH will contribute to a safer and more efficient civil road, rail, air and waterborne transport with new centralized planification systems capable of communicating with all drones in a certain area, processing their desired origin and destination points and computing paths to avoid collisions.

APPLICATIONS

Civil transport and emergency assistance

LABYRINTH is focused on offering its services to public or private entities responsible for managing land, sea, and air transport infrastructures, as well as emergency and rescue operations.

Road
- speed control, plate recognition
- traffic supervision
- management in case of accidents
- alleviation of traffic congestion, etc.

Waterborne
- port traffic monitoring
- facility supervision
- monitoring operations to ensure navigation, etc.

Air
- bird scaring to keep them away from airports and avoid traffic interferences.
- Infrastructure checking and monitoring
- preventing unauthorised access etc

Emergency
- mass gathering surveillance: escape routes & medical points detection
- provision of important warnings in real time, etc.
to improve the safety and efficiency of civil transport and emergency-rescue operations

Optimising drone traffic

13 partners, 5 European countries
Experts from different sectors involved in the project: transport, aviation, research, emergency, and ancillary services.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 861696