



Workshop 1: Users from Industries

Session A: Transport & Logistics

Overall User Needs

- Increase efficiency of transports (optimized route planning leads to better environmental footprint & fuel consumption)
- Improved weather information for logistics planning
- Improving response in case of incidents
- Harmonize solutions for rail infrastructure and aviation sector across Europe

Specific User Needs

- Tracking goods' location and status (dangerous or perishable goods)
- Optimising routes for time efficiency in intermodal planning
- On-time pick-up and delivery of goods (as part of a supply chain)
- Improve response efficiency in case of case of incidents (information about location, dangerous goods, etc.)
- Interoperable solutions (with fleet management systems, authorities, road/railroad operators)
- Monitor composition of ash clouds for aviation planning & safety

Relevant Space Capabilities

- Satellite navigation for robust and accurate positioning
- Satellite communication for reliable communication (areas without terrestrial network coverage)
- Earth observation for weather information, producing background maps, 3D databases