



Professional Services

Support and consulting services for national road assets management

Road Survey

Assets Inventory

Road Assessment

Road Consulting

OVERVIEW

IMMERGIS supports organizations such as public authorities, concessionaries and construction companies, to answer their road management needs.

IMMERGIS services are offered as part of a global road management process within organizations. We provide our customers with both customized and full support, from road network surveying to road condition assessment and road works estimation.



WHY IMMERGIS

- Nationwide networks mapping capacity
- Flexible and immediate intervention
- Complementary professional skills:
 - ✓ Road expertise
 - ✓ GIS know-how
- Experience in all kind of networks (highway, roadway, paved, un-paved, etc.)
- Adaptation to your everyday processes and current database model

SERVICES FOR A COMPLETE ROADS MANAGEMENT



IMMERGIS brings **flexibility** and **adaptability** to support road infrastructure managers by answering all questions on current assets conditions:

- Have an overview of your **current road cartography**
- Assess all your **road network and assets conditions**
- Know, prioritise and schedule your **road works investments**
- Implement a simple and effective **road management** process.

Each IMMERGIS professional service is available on demand and advised according to the organization's requirements and current GIS data management tools:

ROAD SURVEY



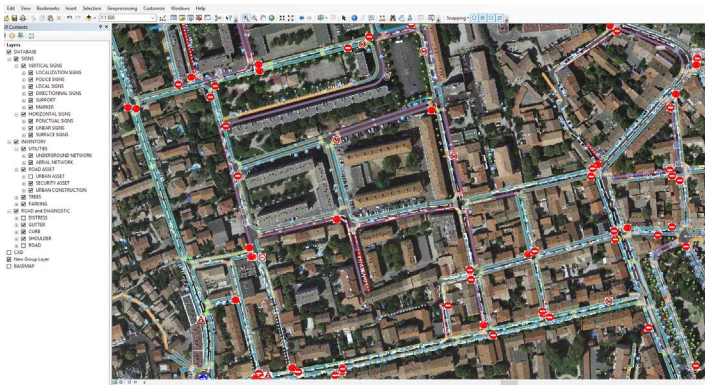
We proceed to your road assets survey with our **portable and adaptable mobile** mapping system Imajbox®:

- **Nationwide surveys:** road surveying on entire territories
- **High definition and accurate images collection:** 3D immersive and geo-localised viewing for field visual inspection.

Deliverables:

- ✓ Field images database of your entire network
- ✓ Updated maps with milestones (LRS - Linear Referencing System).

ASSETS INVENTORY



We analyse and qualify your existing assets according to your requirements, on **several** thematic:

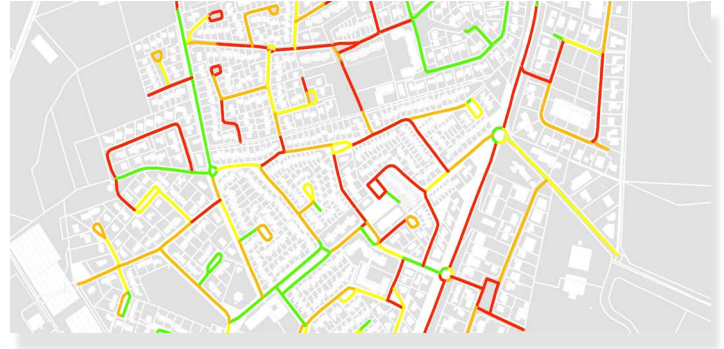
- Signs
- Pavement & shoulders
- Urban and security equipment
- Public lighting and traffic lights
- Utilities (gas, electricity, water, etc.)

Deliverables:

- ✓ Cartography and qualification of all your roads in geographical or linear coordinates
- ✓ Inventory of your assets.



ROAD ASSESSMENT



We analyse GIS data of your nationwide network, to assess roads and assets.

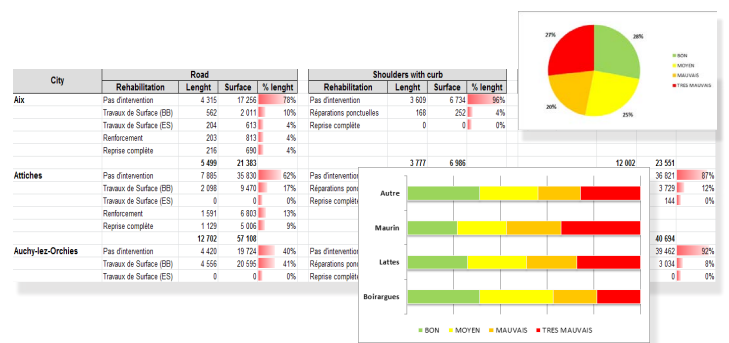
Our **comprehensive methodology** combines a visual inspection and pavement geometry (longitudinal and transversal profiles), to brings you:

- **Objectivity** in the condition assessment
- **Accuracy** in assets positioning and measures
- Easier **decision-making** in road works investments
- **Cost effectiveness** and faster analysis results.

Security and conformity assessment: we analyse road equipments of your network in accordance with national and international regulations.

Deliverables:

- ✓ Report with assets classification according to condition and damage severity
- ✓ Road works plan, including costs information to quantify and schedule interventions volume and investments.



AUDIT AND CONSULTING

- Existing road management process analysis
- Support for global road management **tool implementation**
- Consultancy services for technical and executive road management
- **Personalised services** according to your road management issues.

