



Professional Services

Support and consulting services for national rail assets management

Rail Survey

Assets Inventory

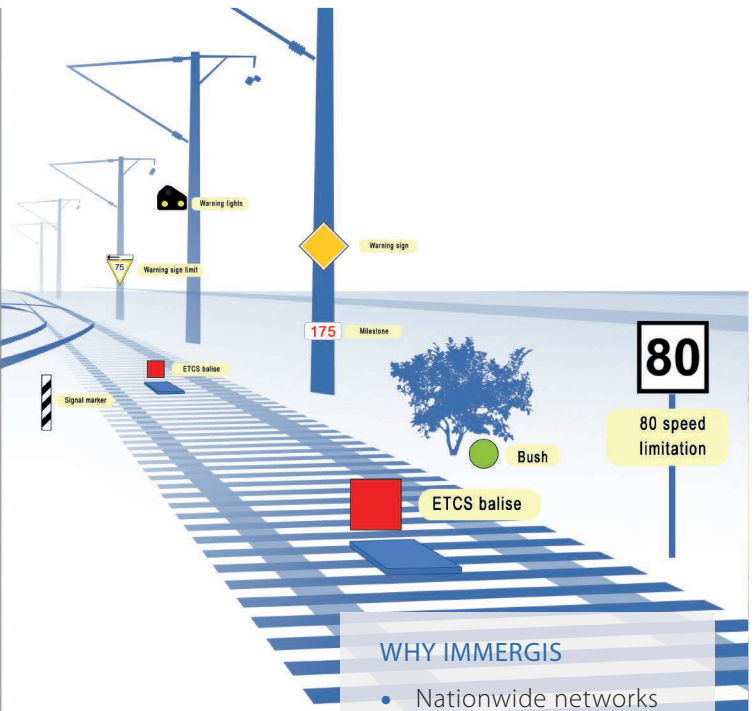
Maintenance programme

Rail Consulting

OVERVIEW

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

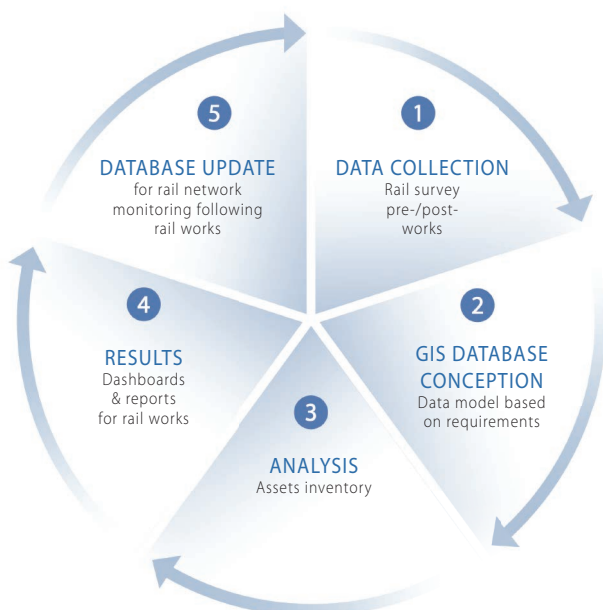
IMMERGIS services are offered as part of a global rail management process within organisations. We provide our customers with both customised and full support, from rail network surveying to rail assets inventory and works estimation.



WHY IMMERGIS

- Nationwide networks mapping capacity
- Flexible and immediate intervention
- Experience in all kind of networks (railways, roadways, highways, etc.)

SERVICES FOR RAIL NETWORK MANAGEMENT

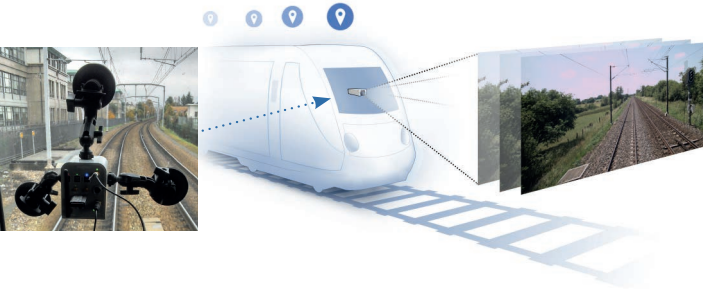


IMMERGIS brings **flexibility** and **adaptability** to support rail infrastructure managers by answering all questions on current assets conditions:

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

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

RAIL SURVEY



To identify, visualise and organise rail ways and assets works, we proceed to pre- and post- works surveys, with our **portable** and **adaptable mobile** mapping system Imajbox®:

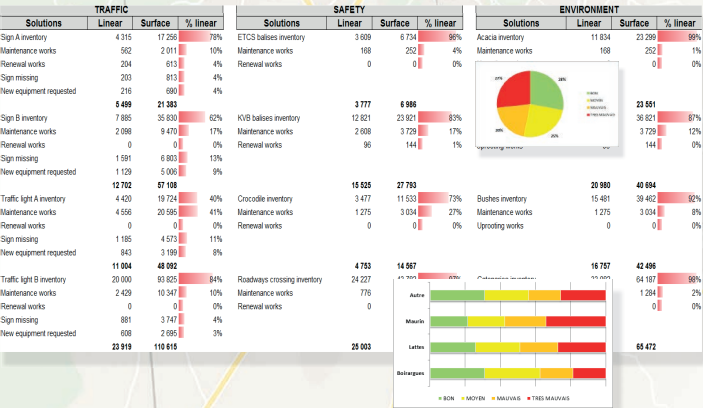
- **Statewide surveys:** rail surveying on entire territories and regions
- **High definition and accurate images collection:** 3D immersive and geo-localised viewing for field visual inspection.

Deliverables:

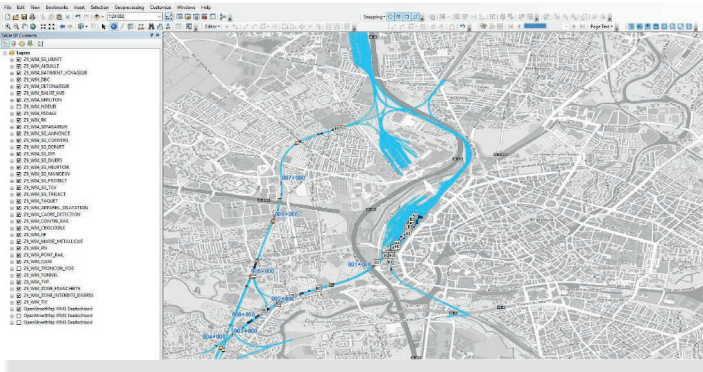
- ✓ Field images database of your entire network
- ✓ Updated maps with milestones (LRS - Linear Referencing System).

AUDIT AND CONSULTING

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



ASSETS INVENTORY

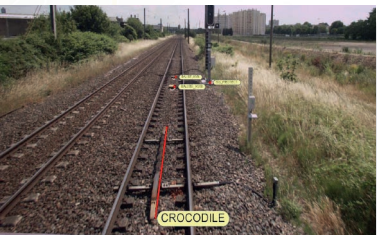


We **analyse and qualify your existing assets** according to your requirements, on several thematics:



TRAFFIC

- ✓ Signs
- ✓ Light signals
- ✓ Signal boards



SECURITY EQUIPMENT

- ✓ Balises
- ✓ Crocodiles
- ✓ Level crossings
- ✓ Switches



ENVIRONMENT

- ✓ Catenaries referencing
- ✓ Vegetation

Deliverables:

- ✓ Cartography and localisation of all your railways in geographical or linear coordinates
- ✓ Inventory of rail assets and condition.

