

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.



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www.immergis.eu

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.

TRAFFIC				SAFETY				ENVIRONMENT			
Solutions	Linear	Surface	% linear	Solutions	Linear	Surface	% linear	Solutions	Linear	Surface	% linear
Sign A inventory	4 315	17 256	78%	ETCS balises inventory	3 609	6 734	96%	Acacia inventory	11 834	23 299	999
Maintenance works	562	2 011	10%	Naintenance works	168	252	4%	Maintenance works	168	252	19
Renewal works	204	613	4%	Renewal works	0	0	0%			0	09
Sign missing	203	813	4%					275	an		
New equipment requested	216	690	4%								
	5 499	21 383			3777	6 986			• MENIN	23 551	
Sign B inventory	7 885	35 830	62%	KVB balises inventory	12 821	23 921	83%		 THE MANAGE 	36 821	875
Maintenance works	2 098	9 470	17%	Maintenance works	2 608	3 729	17%	201 201		3 729	129
Renewal works	0	0	0%	Renewal works	96	144	1%	oproving ments	~~	144	09
Sign missing	1 591	6 803	13%								
New equipment requested	1 129	5 006	9%								
	12 702	57 108			15 525	27 793			20 980	40 694	
Traffic light A inventory	4 420	19 724	40%	Crocodile inventory	3 477	11 533	73%	Bushes inventory	15 481	39 462	929
Maintenance works	4 556	20 595	41%	Maintenance works	1 275	3 034	27%	Maintenance works	1 275	3 034	89
Renewal works	0	0	0%	Renewal works	0	0	0%	Uprooting works	0	0	09
Sign missing	1 185	4 573	11%								
New equipment requested	843	3 199	8%								
	11 004	48 092			4 753	14 567			16 757	42 495	
Traffic light B inventory	20 000	93 825	84%	Roadways crossing inventory	24 227	49 700	0.70	Catanatian in catan	22.002	64 187	989
Maintenance works	2 429	10 347	10%	Maintenance works	776	Aut				1 284	
Renewal works	0	0	0%	Renewal works	0					0	09
Sign missing	881	3 747	4%			Maur	in				
New equipment requested	608	2 695	3%				-				
	23 919	110 615			25 003	Latt				65 472	

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.



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