

Railway Infrastructure Asset Management System (RI-AMS) questions

No.	Question	The state of play in Kosovo	The state of play in Macedonia	The state of play in Albania
1	<p>Does your organization own and use a RI-AMS?</p> <p>If the answer to the previous question is “Yes”:</p>	<p>Supported by EBRD during 2018 INFRAKOS has implemented the project on Track Access Charges (TAC) and Asset Management Plan (AMP). The asset management plan includes 4 (four) components:</p> <ul style="list-style-type: none"> • Strategic Asset Management Plan, • Asset Inventory (including Asset Database), • Forecast Demand and Standards (including Network Development Strategy), • Asset Management and Maintenance Plan. <p>Unfortunately, due to lack of software the system is not yet operational. So, we have established the RIAMS which unfortunately is not in function because of the lack of software.</p>	<p><i>Yes, there is software</i></p>	<p>No</p>
1.1	<p>Does your organization’s RI-AMS contain GIS functionality, or is it connected (or connectable) to GIS?</p>	<p>The Asset Management Plan completed in 2018 presents the Asset Inventory, the Forecast Demand and Development plan, the Maintenance and Asset Management Plan for the entire Kosovo Railways Network. The future softwer for RI-AMS shall contain Geographic Information System for Railway Management in order to make better communication and exchange of data.</p>	<p>No</p>	<p>No</p>

1.2	Does your organization's RI-AMS plan railway infrastructure Maintenance & Renewal (M&R) works?	Yes our RI-AMS includes maintenance and renewal plan for the period 2019 – 2025 with forecast up to 2035. But, as it was said above this plan cannot be implemented without the software we have so far been unable to buy.	No	No
1.3	If the answer to the previous question is "Yes": Does your organization's RI-AMS use railway infrastructure condition-monitoring data?	Yes our RI-AMS uses all needed data on infrastructure conditions, but in this stage is not possible its implementation because of software.	Yes (activities and defects)	No
2	Does your organization possess any other system/software for planning of M&R work and supporting any other M&R-related decisions?	No, unfortunately we don't have any other system / software for maintenance or renewal works except our strategies, action plans and working plans in electronic or paper forms (hard copy).	No	No
3	Does your organization possess any other system for tracking/recording M&R works when they are performed?	At the moment we have only tamping machine of type Plasser 08-16 which makes the adjustment and the measurement of the track geometry, as it is: cant, versine, Level versine left, level versine right, Twist, Alignment D1, Level of alignment D1 left, and level of alignment D1 right. But we don't have a machine that does the detailed recording and measurement of all the necessary track parameters.	No	No
4	Does your organization possess any other system/software/database for recording railway infrastructure condition-	No, we don't possess any other system or software, but we keep in hard copies all information on measurements done by maintenance experts in daily bases	According the Rulebook for manner of maintenance, manner of keeping records and data use from the records of the trackway superstructure our organization performed railway	No

	monitoring/measurements (e.g. with TRVs) and/or defects from inspections (e.g. walking inspections by track inspectors), as well as their repair?	in order to intervene then for needed improvements and repairs.	infrastructure condition-monitoring with traction unit, track motor car, visual inspection and hand measuring instruments.	
5	Has your organization ever performed a Feasibility Study or a Pilot (Trial Implementation) project for a RI-AMS?	Yes, see answer in question no. 1.	No	No
6	Does your organization own and use an Accounting / Enterprise Resource Planning (ERP) system, such as SAP, MAXIMO or similar?	<p>During the implementation of the TAC and AMP project, among others, the accounting system for recording all elements related to RI-AMS was detailed. Furthermore, a document has been drafted that clearly defines the requirement that the asset database has to be combined with an ERP software system.</p> <p>The requirements for the future software more or less shall meet requirements of the System Application Products MAXIMO which is a cloud-based system that combines asset and maintenance management in one mobile-ready platform.</p>	No. We use ERP system, but we are not linked with RYMS software	No
6.1	If "Yes", and if you also answered with "Yes" for the existence of RI-AMS in your organization, are your Accounting/ERP and RI-AMS mutually linked?	The requirements for the future software are that this software shall link entire RI-AMS with the accounting system of the ERP.	We use ERP system, but we are not linked with RYMS software	

No.	Question	The state of play in Serbia	The state of play in BIH	The state of play in Montenegro
1	Does your organization own and use a RI-AMS? If the answer to the previous question is "Yes":	Yes	No	No
1.1	Does your organization's RI-AMS contain GIS functionality, or is it connected (or connectable) to GIS?	No		
1.2	Does your organization's RI-AMS plan railway infrastructure Maintenance & Renewal (M&R) works?	Yes		
1.3	If the answer to the previous question is "Yes": Does your organization's RI-AMS use railway infrastructure condition-monitoring data?	Yes		
2	Does your organization possess any other system/software for planning of M&R work and supporting any other M&R-related decisions?	No	No	No
3	Does your organization possess any other system for tracking/recording M&R works when they are performed?	No	No	No

4	Does your organization possess any other system/software/database for recording railway infrastructure condition-monitoring/measurements (e.g. with TRVs) and/or defects from inspections (e.g. walking inspections by track inspectors), as well as their repair?	No	RS: No FED: As part of the track geometry inspection and measuring system, JP ŽFBiH also has special purpose equipment operated manually and used by the authorized staff to check track geometry condition on regular basis	IM doesn't have any software, only database.
5	Has your organization ever performed a Feasibility Study or a Pilot (Trial Implementation) project for a RI-AMS?	Yes	No	No
6	Does your organization own and use an Accounting / Enterprise Resource Planning (ERP) system, such as SAP, MAXIMO or similar?	Yes	RS: No FED: Yes, JP ŽFBiH owns a SAP system, which is limited to certain integrated modules and lacks complete connectivity	No
6.1	If "Yes", and if you also answered with "Yes" for the existence of RI-AMS in your organization, are your Accounting/ERP and RI-AMS mutually linked?	No	No	No