

## Training on Road Asset Management Systems and Performance-Based Contracting

### WORKSHOP AGENDA

Day	Time	Activity
Day 1: RAMS	13:00-13:30	<b>Registration</b>
	13:30-15:30	<b>Session 1.1: RAMS Introduction</b> <ul style="list-style-type: none"> <li>• General description of RAMS and road asset management</li> <li>• RAMS experiences in CAREC countries</li> <li>• Main issues related to RAMS (from RAMS Compendium)</li> <li>• Examples of relevant experiences</li> <li>• <i>Plenary – Discussion on RAMS in Afghanistan</i></li> </ul>
	15:30-15:40	<b>Break</b>
	15:40-17:30	<b>Session 1.2: RAMS Data Collection</b> <ul style="list-style-type: none"> <li>• Data needs, data types and collection costs</li> <li>• Network versus project planning</li> <li>• Data accuracy and reliability</li> <li>• Data collection equipment</li> <li>• Collection timing and frequency</li> <li>• <i>Group Work – RAMS data to be collected</i></li> </ul>
Day 2: RAMS	13:00-13:30	<b>Registration</b>
	13:30-15:30	<b>Session 2.1: RAMS Data Management &amp; Data Analysis</b> <ul style="list-style-type: none"> <li>• Data validation and processing</li> <li>• Types of databases, database access and functions</li> <li>• Prioritization using economic criteria – HDM4</li> <li>• Use of basic algorithms and decision matrices integrated into RAMS database</li> <li>• Use of other prioritization criteria</li> <li>• <i>Case study - Database and data analysis in Afghanistan (RAMP)</i></li> </ul>
	15:30-15:40	<b>Coffee break</b>
	15:40-17:30	<b>Session 2.2: RAMS Integration</b> <ul style="list-style-type: none"> <li>• RAMS Unit and institutionalization</li> <li>• In-house versus outsourced data collection and management</li> <li>• Integration of RAMS data analysis into planning and budgeting procedures</li> <li>• Road user charges for financing road maintenance</li> <li>• Effect of RAMS on treatment types and implementation modalities</li> <li>• <i>Group Work - RAMS Action Program for Afghanistan</i></li> </ul>
Day 3: PBC	13:00-13:30	<b>Registration</b>
	13:30-15:30	<b>Session 3.1: PBC Introduction &amp; Performance Standards</b> <ul style="list-style-type: none"> <li>• Terminology and types of PBCs</li> <li>• Benefits of PBCs</li> <li>• Examples of PBC experiences (including Afghanistan)</li> <li>• Performance Standards and Service Levels</li> <li>• Use of SMART indicators</li> <li>• <i>Group work – Performance indicators and thresholds</i></li> </ul>
	15:30-15:40	<b>Coffee break</b>
	15:40-17:30	<b>Session 3.2: PBC Inspections &amp; Payments</b> <ul style="list-style-type: none"> <li>• Performance-based payments</li> <li>• Formal and informal inspections</li> <li>• Response times</li> <li>• Payment deductions</li> <li>• <i>Group Work - PBC Action Program</i></li> </ul>