

ADB and Road Asset Management



CAREC TRANSPORT STRATEGY 2030



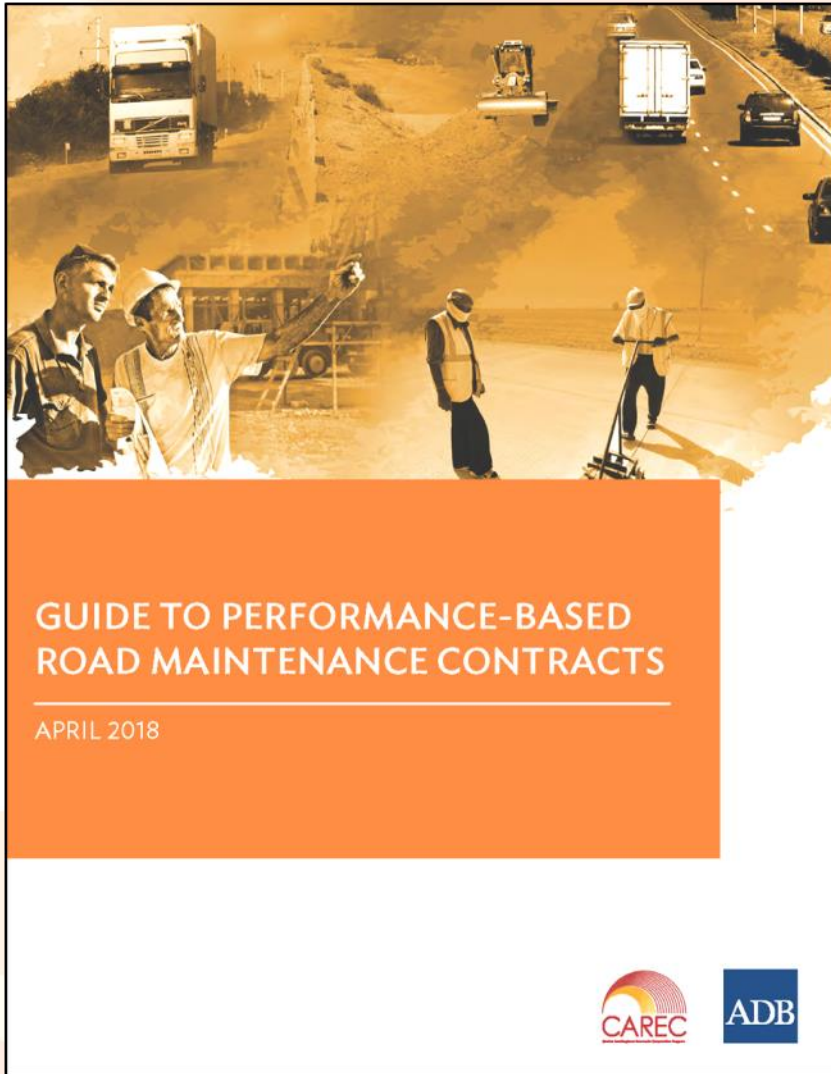
- Over the last decade CAREC countries invested considerably in improving their highways.
- Management of these new and old road assets remains a challenge.
- CAREC Transport Strategy 2030 pays high attention to establishing effective and efficient practices of road asset management (RAM) across the CAREC region.
- The key premise of RAM is: Preventive knowledge-based maintenance extends the road asset life without capital repair.
- reduces the overall long-term capital and operational expenditures for the national road network.
- while maintaining the good quality of the network, speed of travel and traffic safety.

Compendium of Best Practices in Road Asset Management



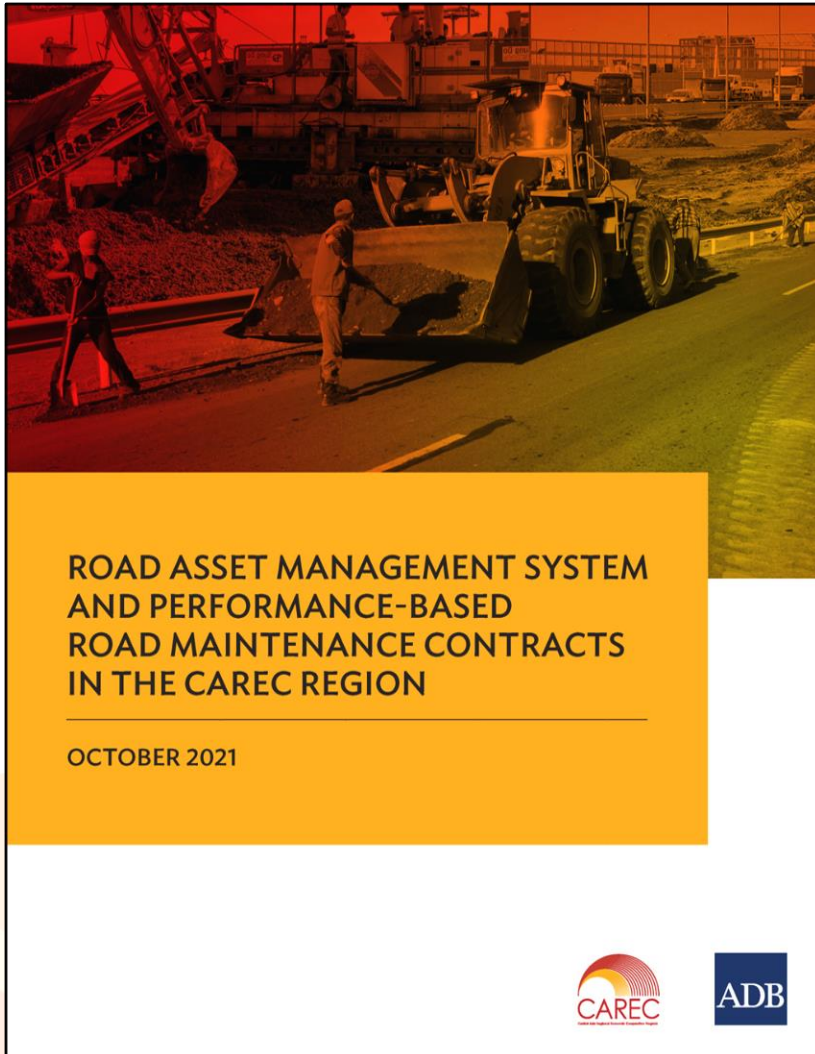
- Provides a general introduction to the concept of road asset management.
- Elaborates on the objective of road asset management to optimize economic benefits by minimizing maintenance costs and road user costs.
- Presents the best practices for the introduction and development of road asset management.
- Reflects common problems the different CAREC member countries face.
- Presents the most successful solutions in the development of road asset management.

Guide to Performance-Based Road Maintenance Contracts



- The objective of this guide is to assist CAREC member countries to better understand the concept of Performance-Based Road Maintenance Contracts (PBC).
- Serve as guidance on the implementation of PBRMC.
- Describes different delivery modes of road maintenance, and gives a brief history of PBCs, Discusses advantages and disadvantages of the contract modality.
- Defines various types of PBCs and their variable elements e.g., scope, duration, extension, performance levels, payment and incentive systems, performance monitoring, and risks and risk mitigation)

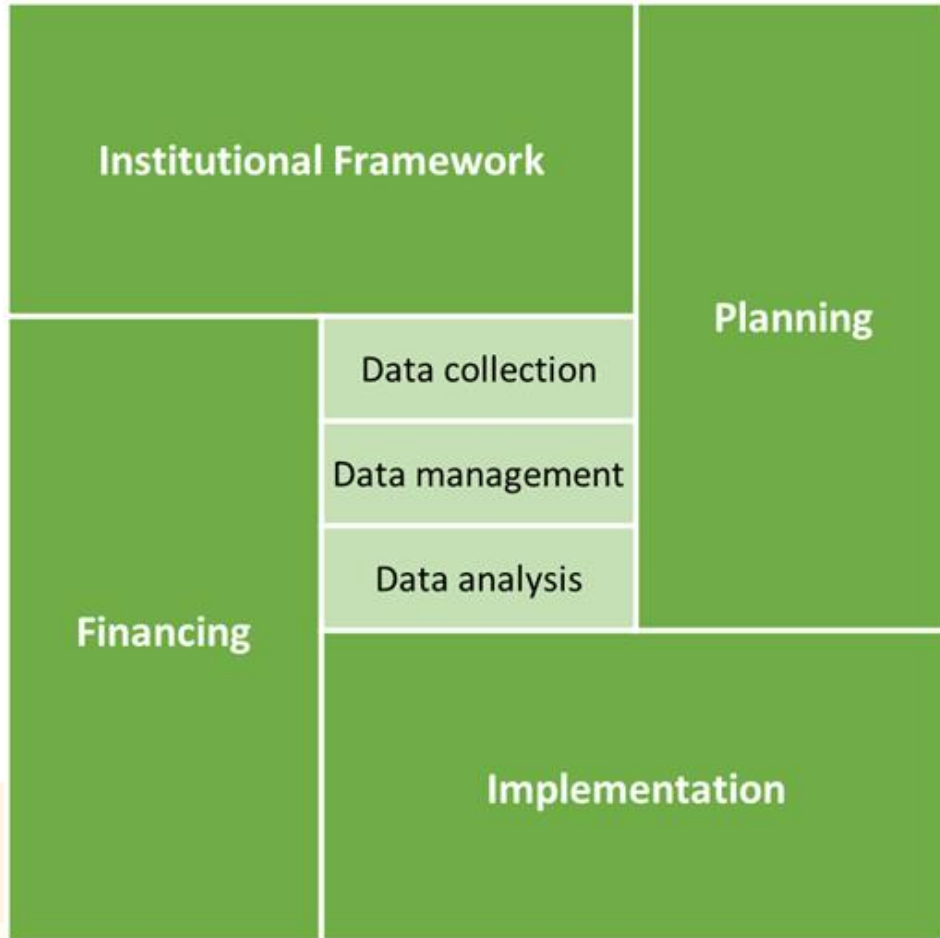
Status Assessment of RAM and PBC



This publication was prepared in the context of CAREC's Transport Strategy 2030 and aims to improve the management and maintenance of CAREC road corridors through the sharing of best practices that exist within CAREC countries regarding RAMS and PBCs.

- For each CAREC member country, this document provides an overview of the road network,
- the institutional responsibilities for its management,
- the involvement of government units and private sector contractors
- the levels and sources of funding for the road sector and especially for road maintenance and repairs.
- lessons learned and a way forward for future activities.

Ongoing Activities



Study on Road Maintenance Financing in the CAREC region:

- different types of road user charges and related revenue levels being collected in the CAREC member,
- the degree to which these are earmarked for road maintenance,
- how these compare to estimated road maintenance needs and actual road maintenance budgets.

Assessment of PBC pilots carried out in the CAREC member countries.

- Review several ongoing and completed PBC pilots
- analyze how the PBCs were designed and what issues may have been faced during implementation

Thank you

Thomas Herz, Senior Transport Specialist, CWTC, ADB
therz@adb.org