



## 18th Transport Sector Coordinating Committee Meeting

25-26 April 2019 | Tashkent, Uzbekistan

18-е заседание Координационного  
комитета по транспортному сектору

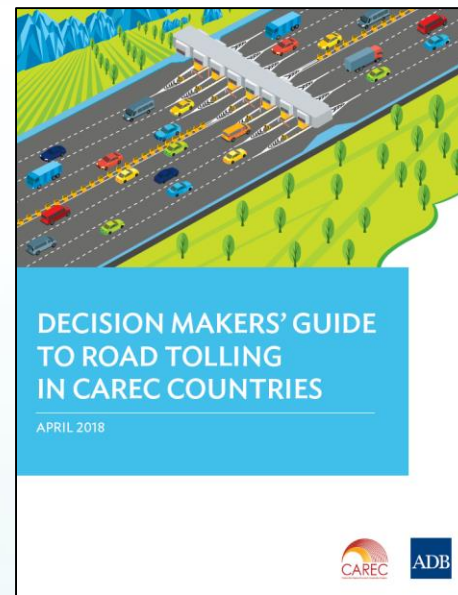
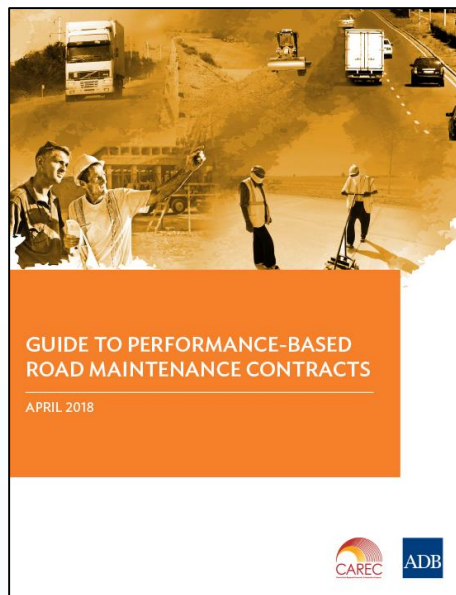
25-26 апреля 2019 г. | Ташкент, Узбекистан

# Road Asset Management in the CAREC Region

## Current Status

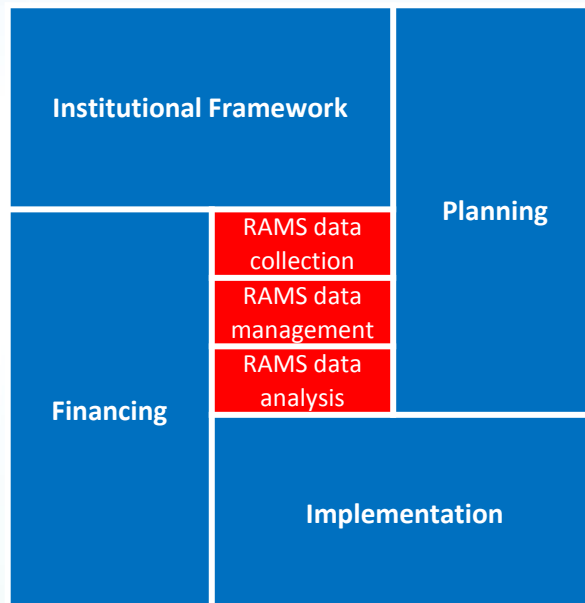
# Road Asset Management

- TTFS 2020 identified need for support to
  - Road Asset Management Systems (RAMS)
  - Performance-Based Maintenance (PBM)
- 2015 Road Asset Management Workshop
- 3 road asset management publications



# Road Asset Management System (RAMS)

- **Road Asset Management:** Strategic approach to optimize the allocation of resources for the management, operation, and preservation of roads
- **Road Asset Management System:** Any system that is used to collect, manage and analyze road data for road planning and programming purposes

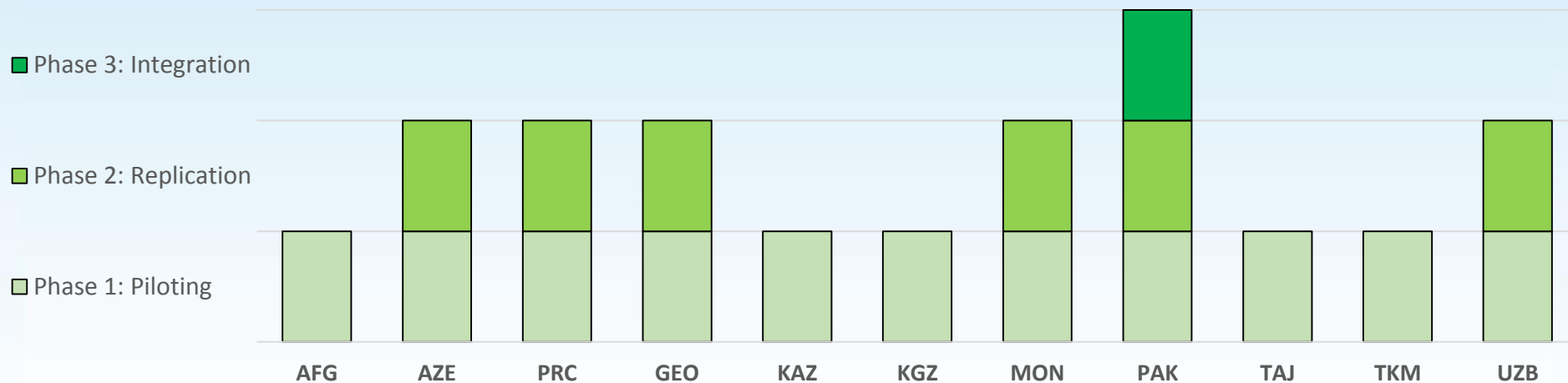


Phase 1: Piloting	Data collected for part of network, not on regular basis
Phase 2: Replication	Regular data collection for entire network, RAMS unit doing analysis
Phase 3: Integration	RAMS analysis influencing plans and financing

RAMS

RAM

# RAMS in the CAREC Region



	AFG	AZE	PRC	GEO	KAZ	KGZ	MON	PAK	TAJ	TKM	UZB
Data collection frequency	Inter-mittent	Regular	Regular	Regular	Starting	Inter-mittent	Regular	Regular	Inter-mittent	-	Inter-mittent
Data collection extent	Pilot	Network	Network	Network	Pilot	Pilot	Network	Network	Pilot	-	Pilot
Database	-	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	-	Yes
Data analysis	-	Yes	Some provinces	Yes	-	-	Yes	Yes	-	-	-
RAMS unit	-	Yes	Yes	Yes	-	-	Yes	Yes	-	-	Yes
RAMS influencing planning	-	-	-	Partially	-	-	-	Yes	-	-	-
RAMS influencing financing	-	-	-	-	-	-	-	Yes	-	-	-

# Performance-Based Maintenance (PBM)

- **Performance-Based Maintenance:** Multiannual road maintenance contract with payments against compliance with predefined performance standards

Phase 1: Piloting	Preparing or implementing initial pilot PBM contracts
Phase 2: Replication	Replicating PBM contracts in additional roads
Phase 3: Integration	PBM contracts implemented in several roads using government funding

