

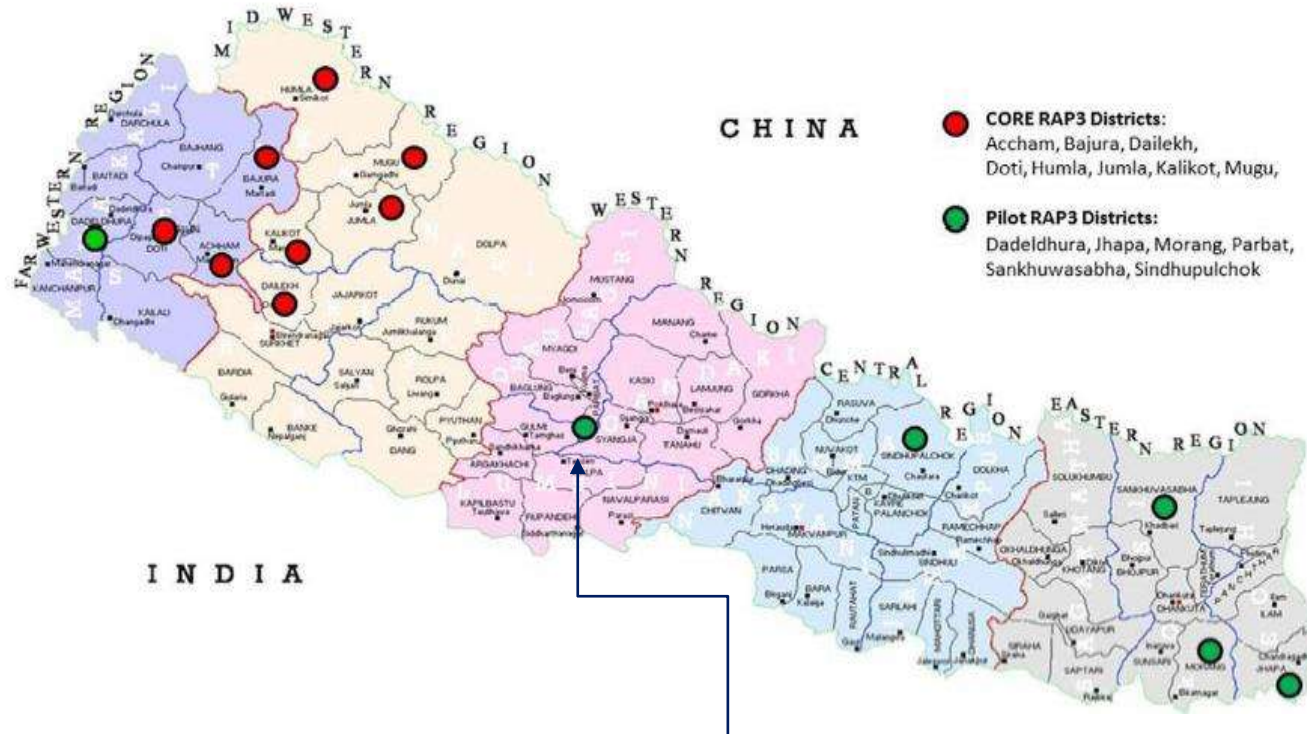
Maintenance

*Presentation for RAP3 Senior Technical
Management Course*

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Overview of District Programme (2015/16)



Pilot RAP3 District: **Parbat**

RAP3 Programme of District

❖ DRCN roads:

No of DRCN - 32

Length of DRCN - 291.32 km

❖ Maintenance of DRCN roads:

- ❑ Emergence Maintenance
- ❑ Routine/Recurrent Maintenance

❖ Total Maintenance Budget:

❑ ARAMP IYR-3: NPR17,961,526.43

❖ TA support for improvement work

- ❑ Improvement of 2.2km DRCN

RAP3 Programme of District

Implementing Emergency maintenance



RAP 3

Rural Access Programme

Development through access

RAP3 Programme of District

Implementing Routine/recurrent maintenance by RMGs



DTA Ambitions

- ❖ Preparation of ARAMP IYR-3 for maintenance of all DRCN roads of the District.
- ❖ Implementation of DRCN maintenance work as per ARAMP effectively- road open/trafficable for maximum time of the year.
 - ❑ Emergency-contractors, Routine/recurrent-RMGs
- ❖ Prevention of DRCN roads from deterioration.
- ❖ TA Support- TA team in district to support DDC to implement the program.
- ❖ Institutional development of DDC/DTO- ASP, CIMs, CPD, DDC management support, LRN trainings
- ❖ Strengthening of DDC Lab

DTA Ambitions

The Bigger Picture

- ❖ Parbat contributed to meet program's bigger ambitions:
 - ❑ Prepared ARAMPs for maintenance of DRCN on a 'maintenance-first' basis and in line with DTMP-each year,
 - ❑ Employment generation for poor local people in local level - through road maintenance/RMGs,
 - ❑ TA support to implement - maintenance work,
 - ❑ Capacity building and institutional development of DDC/DTO- ASP, CPD, CIM, LRN training,
 - ❑ DDC lab strengthening,

Challenges

LRN Work Delivery

❖ Planning:

- ❑ Synchronization of yearly District Development Plan (*Barshik Jilla Bikas Yojana*) and ARAMP – preparation of plans in different time periods
- ❑ Prioritization of maintenance work to match available small resource

❖ Budgeting:

- ❑ Huge investment required but limited resource available

Challenges- LRN Work Delivery Contd.

❖ Implementation

- ❑ Procurement - delay in procurement process due to incomplete bids and low bidding
- ❑ Slow work performance of local contractor during specific maintenance - delay in mobilization, slow progress rate, lack of planning skill, weak employer control
- ❑ Water management (irrigation crossings, no side drains, cross drain outlet problem on private land,
- ❑ Justification/Importance of RMGs' work in road maintenance.

Challenges

Of being a DTL

❖ Planning

- ❑ Manage team for RCS and emergency maintenance after monsoon
- ❑ Coordination between DDC and TMO for preparation and approval of ARAMP to match available small resource with prioritization of maintenance work

❖ Implementation

- ❑ Preparation of bid documents, Bid evaluation & recommendation and seek NoL for procurement of works and goods
- ❑ Management of construction supervision team, monitoring of construction work with DDC/DTO

Challenges of Being a DTL Contd.

❖ Implementation

- ❑ Construction management meeting with contractors, DDC/DTO, DTA and consultation with TMO to solve construction related problems in district
- ❑ Finalization and recommendation of bills and seek concurrence for payment
- ❑ Implementation of ASP - conducting trainings, procurements of goods as per approved plan
- ❑ Conduct trainings as per CPD
- ❑ Coordination between DDC, DTO, TMO and other stakeholders as required
- ❑ Preparation of MP reports on time, updating data with revised format (PMV) from TMO

Successes this year

What went well

- ❖ Preparation and approval of ARAMP with prioritized maintenance work
- ❖ Implementation of all emergency, specific, routine/recurrent maintenance work excluding improvement package
- ❖ Management of construction supervision team and monitoring of work
- ❖ Submission of MPR and other necessary reports within time frame
- ❖ Coordination between DDC, DTO, TMO

Successes this year

Lessons Learned

- ❖ Be Careful while RCS and prioritization of maintenance work for ARAMP
- ❖ Timely completion of bidding process and agreement for all types of maintenance with careful review of documents
- ❖ Requirement of regular supervision, monitoring and progress tracking of all programs
- ❖ Coordination between DDC, DTO, TMO and other stakeholders with timely communication

Deficiencies this year

❖ Budgeting

- ❑ No allocation of RAP3 budget for specific maintenance of DRCN in ARAMP

❖ Implementation

- ❑ Failed to complete improvement work within intended completion date due to earthquake, strikes, fuel crisis, shortage of construction materials, weak contract management, etc.
- ❑ District lab couldn't be strengthened
- ❑ Lack of coordination between contractor, DTA, DDC/DTO and TMO.

Scope for Improving

❖ Planning

- ❑ Synchronize planning times (*Annual Jilla Bikas Yojana* and ARAMP)
- ❑ Prioritization of maintenance work for effective utilization of limited resources

❖ Budgeting

- ❑ Arrangement of effective maintenance fund for DRCN

❖ Implementation

- ❑ Requirement of regular supervision, monitoring and progress tracking of all running programs
- ❑ Application of mile stones for contractor's maintenance work
- ❑ Prepare monthly target vs progress tracking chart

Topics for Group Discussion

- ❖ Lack of compatibility between RAP3 ARAMP system and GoN / DDC's planning cycle. How to develop a system that DDCs will follow?
- ❖ Delay in procurement due to incomplete and low bidding. How to significantly improve the situation?
- ❖ Developing a DDC 'quality control culture' (including effective use of laboratory). How to take this forward?
- ❖ RMGs: how to convince DDC / Stakeholders of its worth?
- ❖ Enhancing DDC's capability to administer Works Contracts (e.g. Improvements). How to develop this vital capability?



Thank you !

Rural Road in monsoon