

# **New Construction**

*Presentation for RAP3 Senior Technical  
Management Course*

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# 1. Overview of District Programme 2015/16

- ❖ Two roads (SSDR-17.76 km & JRDR-5.93 KM)
- ❖ Recovery Plan (SSDR-May 2016 & JRDR-July 2019)
- ❖ Road Open – SSDR-15.8 km and JRDR-1.84km
- ❖ Social Mobilization/ and Public Audit through NGO

# 1. Overview of District Programme 2015/16 Cont....

- ❖ Stakeholder orientation in the district to introduce RMG approach
- ❖ Compulsory Saving of RBGs ( total Saving Amount Nrs 1,57,87,023)



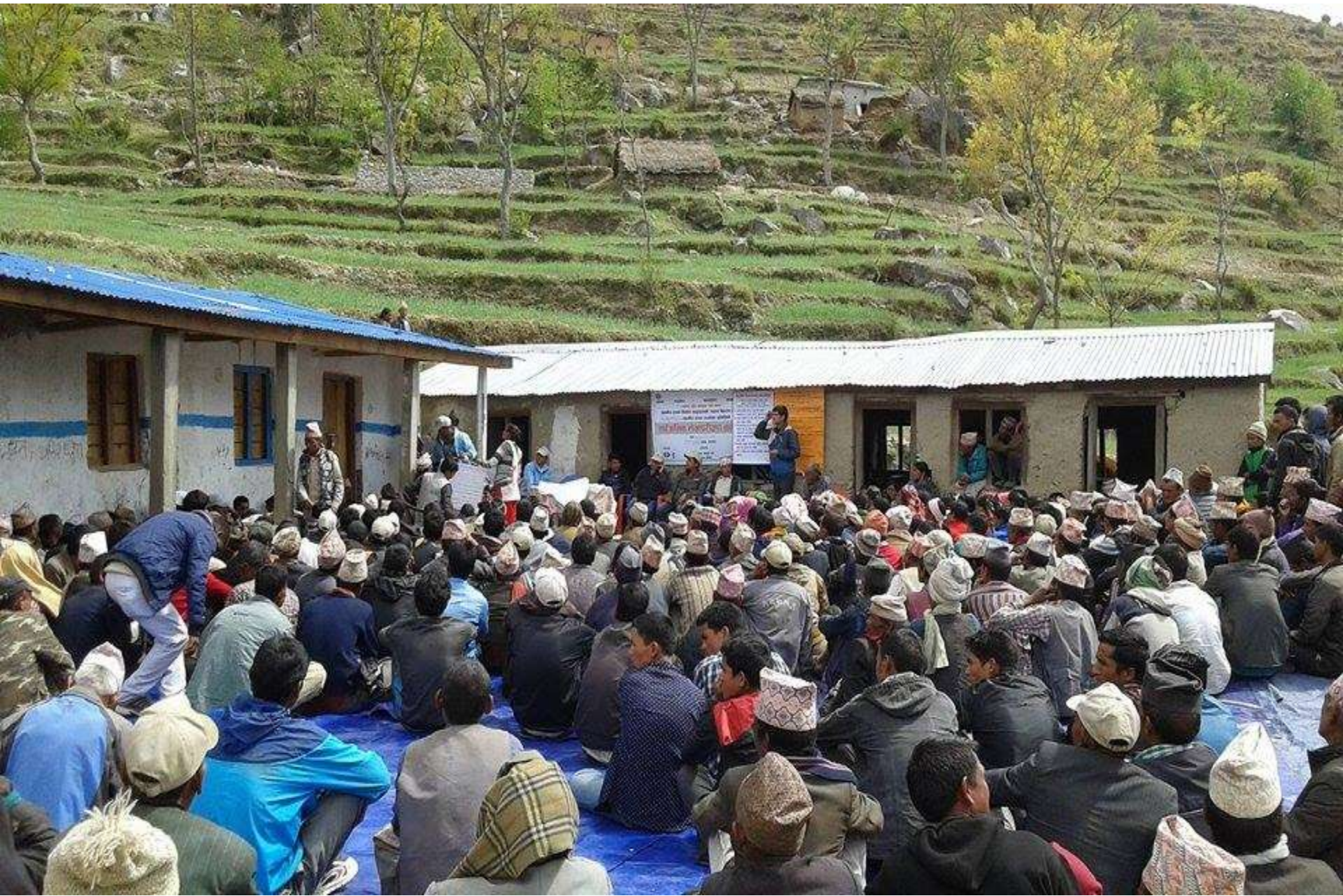
**RAP 3**

**Rural Access Programme**  
Development through access



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## 2. DTA Ambitions

- ❖ Recovery Plan VS Actual progress.
- ❖ SSSDR 7 loops (C) / 25 loops, remaining are approaching 50% completion
- ❖ Significantly achieve full road width in SSSDR-15.8 km and JRDR-1.84km
- ❖ Completed earthworks approx. 87% in SSSDR and 36% in JRDR
- ❖ Structure SSSDR- 81% JRDR-51%
- ❖ Introduce RMG approach in District.

## 2. Fit with Overall programme Ambitions

- ❖ Created Employment Days 370,150
- ❖ Significantly open road (different phases comparing last year)
- ❖ Formed four RMGs and planning to mobilize from Dec 2016
- ❖ SSSDR will soon connect with SRN, Kulalu - Sannighat section of Kulalu - Hilsa Road (Karnali Road Corridor) open upto Rangil



# 3 a. Challenges

- ❖ Security point of view Kalikot is very critical, Donation/Physical threatening/harassment.
- ❖ Difficulty in Transporting and handling of RBG wages.
- ❖ Budget deficit for JRDR, Prepared Alternative plan (curtailment Plan length reduced to 4.6km)
- ❖ Unnecessary demand of public and private utility (houses and cattle shed).
- ❖ Prepare proper exit plan for RBG's savings

## 3 a. Challenges Cont...

- ❖ Unreliable design estimate
- ❖ Damage of Karnali highway at different places during monsoon which affects transportation of goods and materials for next year.
- ❖ To pass a road alignment through steep (>65%) terrain. [JR-DR]

## 3 b. 'Of being a DTL'

- ❖ Frequent follow-up with SC for small small works (such as fuel, spare parts, materials)
- ❖ Store Keeping and hiring local staff is ineffective
- ❖ Storekeepers are not able to provide accurate data.
- ❖ Not given information immediately after receipt of goods at the store.
- ❖ Inaccurate design estimate, frequent DTA verification.
- ❖ Difficulty in timely communication and reporting to TMO being based in remote village from road.

# 4. Successes this year

## Positive lessons learnt

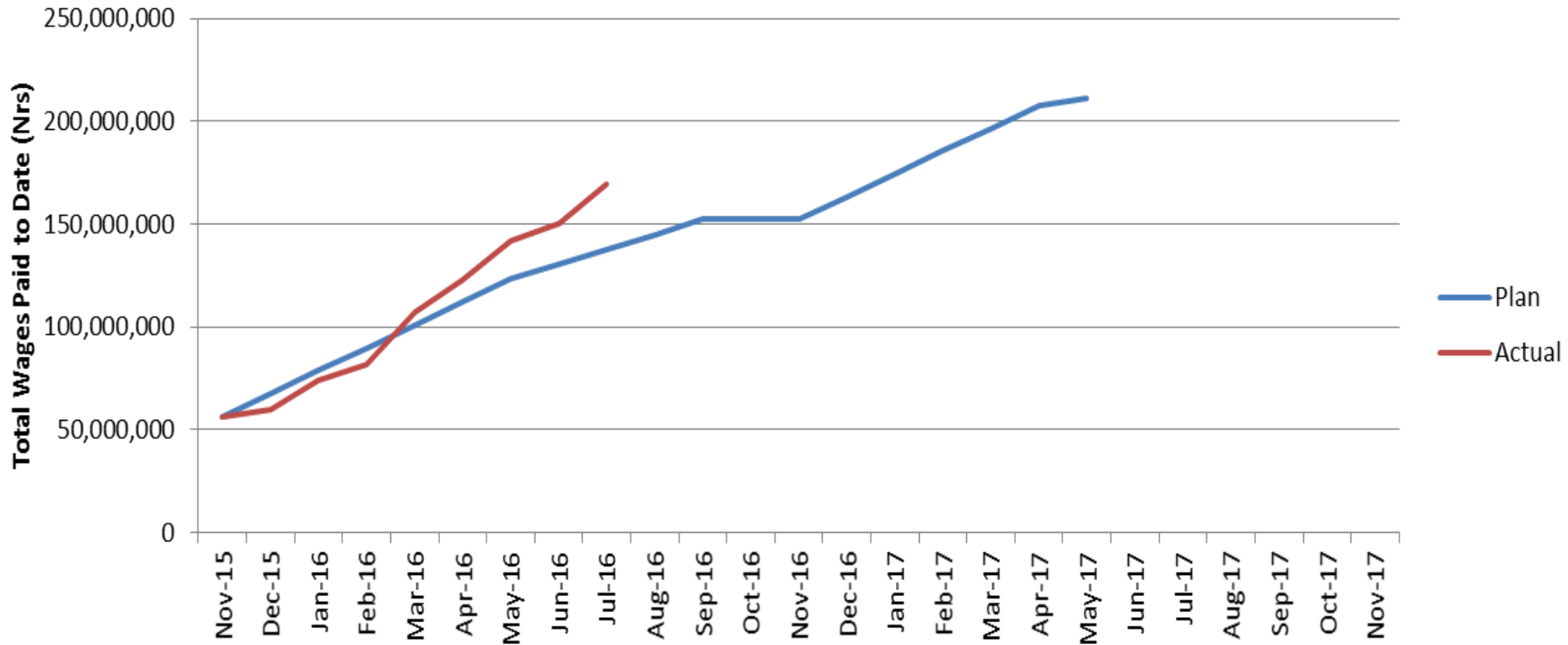
- ❖ RAP3 is taken as Model Project in District.
- ❖ Most of the land disputes were settled.
- ❖ No major accidents
- ❖ Visible changes in quality of works
- ❖ On time Implementation of Bio-engineering
- ❖ Good co-ordination with line agency and stakeholder.
- ❖ Equal wage payment is popular in District.

# Positive lessons learnt contd.

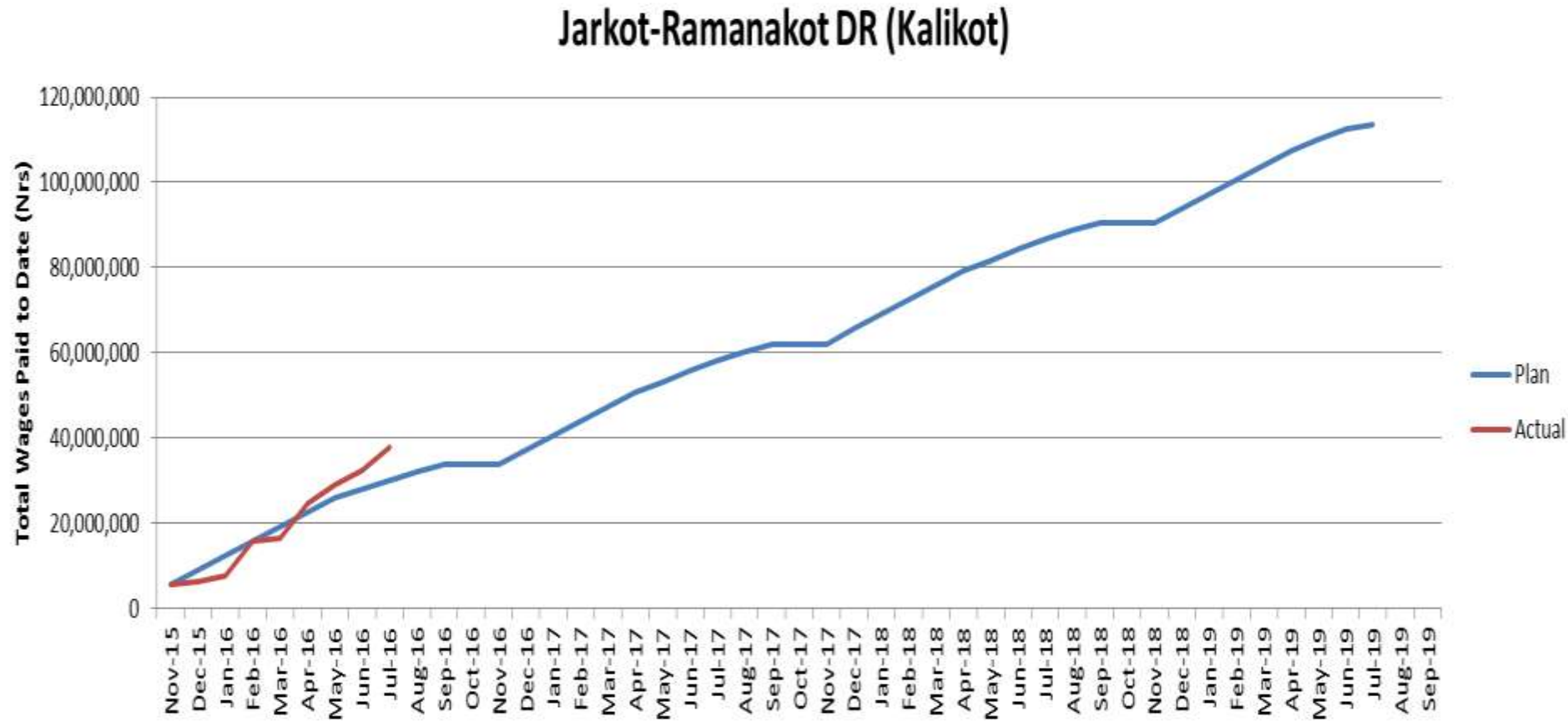
- ❖ Set targets were surpass by **63%**.
- ❖ Timely identify the required no of SBGs as per Recovery plan.
- ❖ Wage distribution is fair for RBGs/SBGs
- ❖ Earn positive response from all district stakeholder and local people.
- ❖ Monthly RBGs payment were strictly followed.
- ❖ Use of light Equipment (Drill Machine)

# Recovery Plan Plan Vs Actual

## Shanighat-Phukot-Syuna-Shipkhana DR (Kalikot)



# Recovery Plan Plan Vs Actual



# 4. Successes this Year

## Negative Lessons learnt

- ❖ Layer-wise compaction in backfilling.
- ❖ Quality Issues (end panel of gabion boxes not properly connected with whole body).
- ❖ Uneven dimension of gabion boxes were supplied. (dimension found different, partition,)
- ❖ Delay in supply of goods and tools for VFM report.
- ❖ Not used level pipe, auto level, guiding thread etc.
- ❖ Not properly laced, braced, twisting of border wire.
- ❖ Use of unnecessary quantities of lacing wire for lacing and bracing.



# 5. Deficiencies this Year

- ❖ Store verification (SC could not submit store reports on time)
- ❖ Recruiting local staff is not viable (store keeper)
- ❖ Delay in submission of Design report from Design Consultant.
- ❖ Leave provision of SC (all leaves are expected from RAP.
- ❖ Due to change in working modality there was delay in distribution of first aid materials to RBGs/SBGs.
- ❖ Improper care and mishandling of project properties such wheelbarrow, geotextile etc.)

# 6. Scope for Improving

- ❖ New store guideline orientation
- ❖ Refresher Training to SC for achieving quality works.
- ❖ Road was surveyed by total stations but still implementation is carried out by using tape, Abney level.
- ❖ Cannot rely on design, Design does not match with actual field. DTA intervention and verification required for accuracy.
- ❖ Accuracy in attendance of RBG

# 7. Proposed Group Discussion Topics

- ❖ Supervision Consultant or In-House team ?
- ❖ Store keeping and hiring local staff is unworkable. How to Improve ?
- ❖ Care of RAP3 property. How to enforce?
- ❖ How to introduce/promote first vehicles on RAP3 road?
- ❖ Selection of RMG in New RAP3 Roads. How to choose from mass RBG?

**END**

