

Coping with the Impossible? **Road Maintenance Groups**

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Are Local Roads Climate & Disaster Resilient?

- ❖ 60% of LRN pass through hilly fragile terrain & impossible to have road without slips & landslides
- ❖ 40% of LRN falls in terai, flood plain
- ❖ 50% of LRN are not motorable
- ❖ Can't afford high engineered local road



Access in Rural Areas

- ❖ Objective is to 'Keep road open' to maintain access to services.
- ❖ Must have a system of maintaining the roads. Must be simple; resilient; affordable and sustainable
- ❖ Solution is 'Road Maintenance Group (RMG) in combination with emergency and other heavier maintenance'
- ❖ Piloting works 'District Technical Assistance (DTA) team' embedded in DDC office & central support to GoN

Simple - Road Maintenance Group (RMG)

- ❖ Local workers 'long term' contracted (on renewable basis) (4-7 in a group)
- ❖ Capitalise on the benefits of group/team efficiencies
- ❖ RMGs focus on simple routine & recurrent
- ❖ Gradual transition toward full performance based system



Resilient – RMGs Maintaining Roads for relief and rehabilitation

- ❖ Emergency maintenance carried out after monsoon OR any disaster using machine (e.g. SIN earthquake, 166 Km road opened within a week)
- ❖ RMG in 2nd line of response maintain the opened roads for transitional period
- ❖ Later followed by Spot treatment / Specific maintenance



Affordable - Road Maintenance Group(RMG)

- ❖ RMG costing is only av. \$ 45 per Km per month
- ❖ 90% wage part goes to poorest pocket



Sustainable - Road Maintenance

Group(RMG)

- ❖ RMGs members are local; they take ownership and pride.
- ❖ Worker approach is part time & flexible input
- ❖ Gradual transition toward full performance based system
- ❖ Warning system in place - road blockage information to Emergency maintenance from RMG member through mobile phone
- ❖ Quickly re-fix & keep road open
- ❖ System is in placed in Local government (DDC/DTO)

***'RMG is Simple, Resilient,
Affordable and Sustainable***

END