



# ROADS FOR WATER



**“NEW ROADS FOR RESILIENCE: CONNECTING  
ROADS, WATER AND LIVELIHOODS”**

**COUNTRY EXPERIENCE: UGANDA**



**23 FEBRUARY 2017  
ETHIOPIA**

# Outline



What to do?

How to initiate activities and where?

What are the challenges and opportunities?

# What are we doing



1. Initiated Capacity building and awareness training for all stakeholders in the country
2. Key stakeholder are negotiating on the best ways of integrating Roads for water into Water Management zones
3. Kick started the process of reviewing guidelines and design manuals to have road water harvesting considered.

# How we intend to role out the idea



Key stakeholders such as MoWT, MoWE, MoLG and UNRA have been encouraged to start advocating for road water harvesting

Establishment a functional network with the different agencies, ministries and institutions to enable fast trucking of advocacy

# Where to harvest water?



We are looking at Catchment management zones of the mountainous zones of Uganda. (Northern and Western Uganda).

We can start road water harvesting targeting a particular project such as PRELNOR among others

# Challenges of Roads Water Harvesting



- Land Ownership
- Cost Implications
- Negative effects from the different techniques for water harvesting
- Lack of guidelines for the designs

# Some of the effects due to road runoff in Uganda



Mbale -Busano Road



Blocked Culverts – Nakapiripirit Rd



Gully development along Jinja Tororo road due to erosion caused by accumulated road runoff

# Opportunities along Roads



Cattle drinking water from a borrow pit – Kween District



A farmer irrigating a field with water from the road along Mbal Tororo Highway

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# Different trialled sites 1



50+000 Borrow-pit excavated



50+000 Borrow-pit reinstated



73+000 Before planting



73+000 Slope stabilised

My Uganda vision is Roads Water Harvesting



***Thank you***