



Research for Community Access Partnership (RECAP)

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BACKGROUND

Transport is fundamental to economic growth and the delivery of basic services. Isolated communities are often left behind in development.



Example: “The First Mile Concept”

As a proportion of roadside price tomato farmers in Tanzania spend around 20-30% on the first mile movement costs in the dry season and 40-50% in the wet season if they use head-loading or motorcycle transport.

In Kenya it is estimated that onion farmers spend around 10 to 20% of their income also on initial movement costs if they use traditional forms of transport.

DFID Community Access Programmes

Following the success of:

- Africa Community Access Project (AfCAP) 2008-2014
- South East Asia Community Access Project (SEACAP) 2004-2009

DFID initiated a second phase of support to AFCAP and new support for similar applied research in South Asia (AsCAP), collectively called Research for Community Access Partnership (ReCAP).

DFID Community Access Programmes

ReCAP:2014 - 2020

Research For Community Access Partnership

AFCAP:African Community Access Partnership

(£17.4 million for 12 countries)

ASCAP: Asian Community Access Partnership

(£6.8 million for 5 countries).

AFCAP 2 Partner Countries

- DRC
- Ethiopia
- Ghana
- Kenya
- Liberia
- Malawi
- Mozambique
- Sierra Leone
- South Sudan
- Tanzania
- Uganda
- Zambia

ASCAP Partner Countries

- Myanmar (Burma)
- Bangladesh
- Nepal
- Pakistan (about to commence)
- Afghanistan (pending)

ReCAP AIM

Build on the high quality research under AFCAP Phase 1 and SEACAP and take this forward to a sustainable future in which the results of the research are adopted in practice and influence future policy



Key Targets

Strengthening the evidence base on Low Volume Rural Roads (LVRRs) and the transport services that use them to influence policy in Asia and Africa .



Key Targets

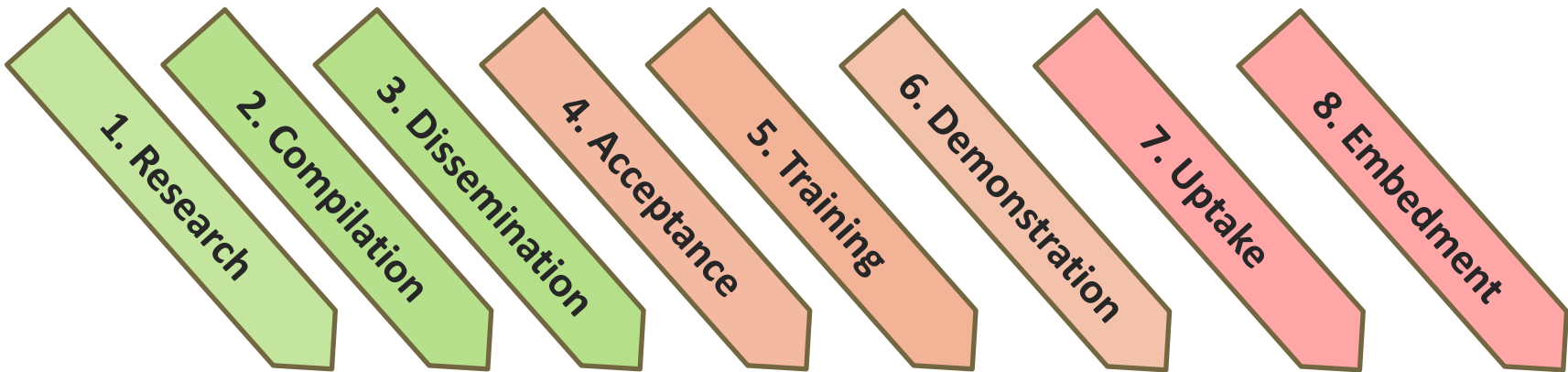
Increased all-season low volume rural road access in Asia and Africa improving the livelihoods of vulnerable rural groups.



Research Sustainability

- One of basic principles of this work is that the research and its outputs should be sustainable.
- That requires a combination of research local ownership and the transfer of range of related skills.
- Capacity building and knowledge transfer are thus key aspects of all ReCAP projects.

One key lesson ReCAP have taken on board is that just doing good research is no longer enough. Uptake and Embedment are essential.



More Lessons Learnt

- Home for the research in each partner country - focal point for sustainable knowledge management and transfer.
- Research, capacity building and knowledge transfer not as separate activities.

Research Centres: Different Models

- Support of research entities developed with other funding sources (eg. Ethiopian Road Research Centre –World Bank)
- Working within existing frameworks to develop a new focus (eg. MTRD, Kenya; LGED in Bangladesh)
- Completely fresh starts (DRD, Myanmar)

Infrastructure Research Themes

- Sustainable and economic infrastructure
- Optimised use of local material resources
- Effective whole life rural road asset management
- Defining, measuring and analysing rural access



Transportation Services Themes

- Public transport services operation and regulation
- Motorcycle taxis and intermediate transport
- Rural mobility and rural access

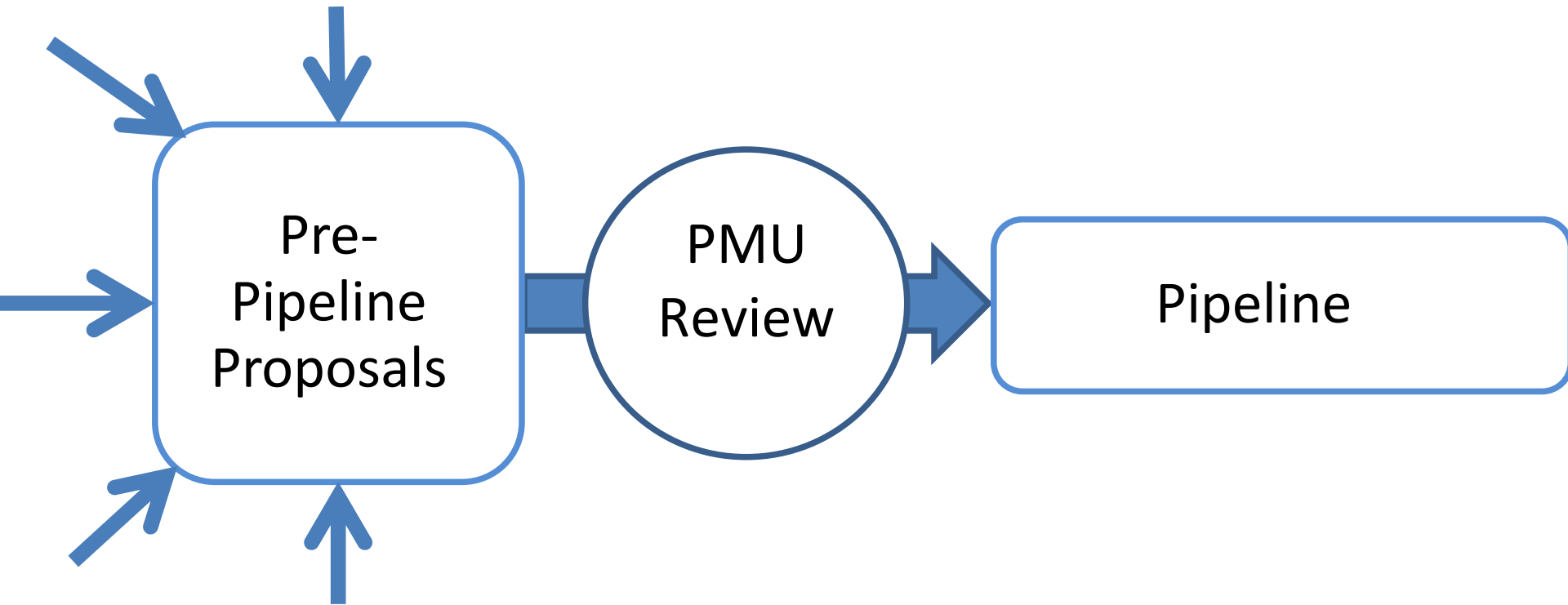


Cross-Cutting Themes

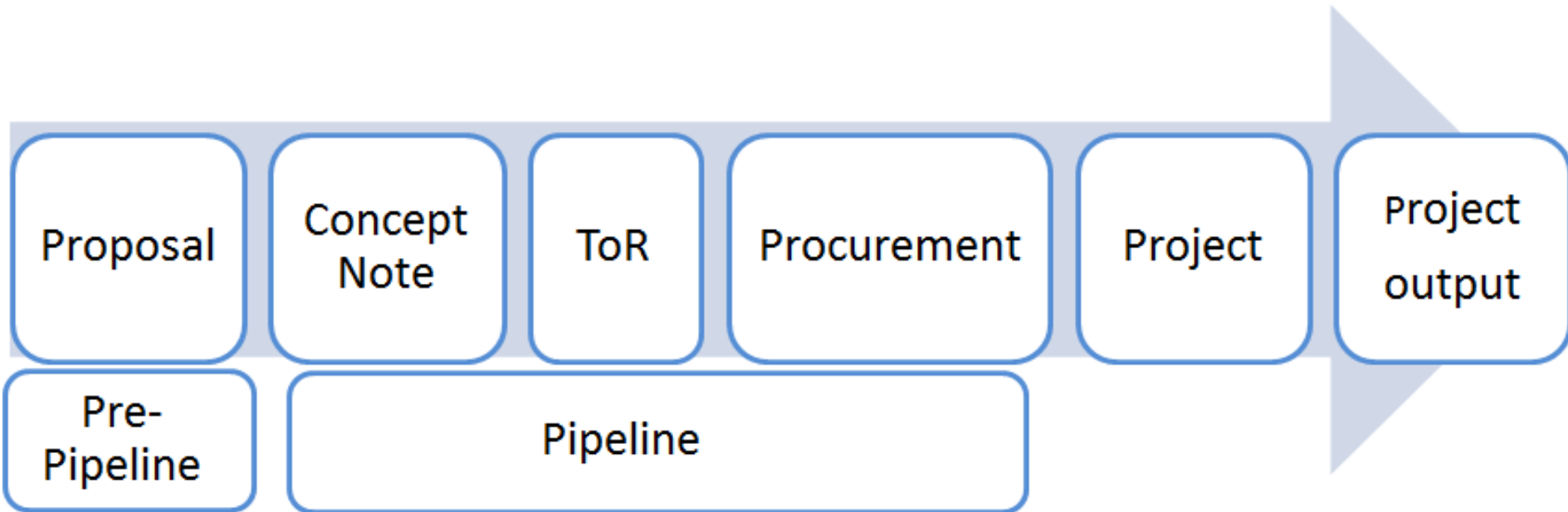
- The requirements and benefits of rural roads and transport services
- Climate threats, impacts, and increasing resilience
- Gender equality, equity and social inclusion
- Safety and security
- Horizon scanning and new technologies



Origins of Research



Progress through a logical series of managed steps



AfCAP Regional Projects

Project Title	Status
Asset Management	Underway
Climate Resilience	Underway
Back Analysis of Existing LVSRs	Underway
High tech solutions/Satellite Imagery	Underway
Benefits Analysis System	Underway
Leadership Development Programme	Underway
Effect of “First Mile”	In Procurement
Integrated Pavement Design Systems	Approved (in design)
Accelerated testing of trial sections	Approved (in design)
Stabilisers for unpaved roads	Approved (in design)

Back Analysis of Existing LVSRs

Purpose:

To carry out research on the performance of LVSRs in Sub-Saharan Africa and use the results for the development of Standards and Specifications.

Objectives:

To collect historical performance data.

To create a database for LVSRs.

To carry out further investigations in selected countries.

To analysis data and develop standards and spec. limits for LVSRs.

High Tech Solutions / Satellite Imagery

Overview: To provide cost-effective and reliable high-tech solutions for the capture of maintenance management data related to the inventory and condition of a country's rural road network. There is a focus on satellite imagery, for road condition assessment particularly, but all potential innovative solutions will be explored.



The AfCAP Leadership Development Programme

The purpose of the LDP is to support the overall development of young professionals to become future leaders in the roads and transport sector in Africa, focussing on the development of technical, managerial and leadership skills.

An ambitious long term project that could potentially have a major returns in research sustainability

Transport Services Regional Projects in (upcoming)

- Motorcycle safety, training and regulation
- Enabling safe and appropriate passenger and freight transport services
- How can light vehicles, including motorcycles, safely link villages to the road network?



National Project examples:

A snapshot at the moment: 38 projects underway in 12 countries, including:

- Low Volume Road Guidelines
- Pavement Trials
- Maintenance Issues
- Training
- Motorbike taxis; Safety, Gender, Regulation
- Materials

Wide Range of Knowledge and Skill Transfer

- Research management
- Data analysis
- Laboratory management
- Road design/construction
- Asset Management
- Gender balance
- Motorbike taxi; Safety, Regulation

Communications

- Interact through:
 - Restructured website (events list, news postings, tender announcements)
 - Quarterly newsletter service, intermittent direct mailings
 - Social media: LinkedIn group, Twitter
 - Dedicated email groups (e.g. on gender mainstreaming)
 - Materials to disperse at events





Rural Access is Vital

Transport is fundamental to economic growth and the delivery of basic services. Low volume roads are the principal form of transport in the rural parts of most low-income countries. People require access to reach basic services and all kinds of economic and social opportunities. However, an estimated one billion people live further than 2 km from an all-weather road. Isolated communities are often left behind in development.

The overall objective of the UKAid-funded Research for Community Access Partnership (ReCAP) is to improve accessibility of the rural poor in Africa and Asia to economic opportunities and social facilities through improvements to infrastructure and transport. The immediate focus is on strengthening the evidence base on more cost effective and reliable low volume road and transport services approaches, thereby influencing policy and practice. ReCAP focuses its activities on Africa and Asia, through the Africa (AFCAP) and Asia (AsCAP) Community Access Partnerships respectively, and builds on previous UKAid-funded research programmes.

Events

Event Name	Location	Date/s
XVI ILO Regional Seminar for Labour-Based Practitioners	Cotonou, Benin	26-30 October 2015
XXVth PSARC World Road Congress	Seoul, Republic of South Korea	2-6 November 2015
UNESCAP/UNCRD Ninth Regional EST Forum in Asia	Kathmandu, Nepal	17-20 November 2015
2015 International Conference on Transportation in Africa	Palapye, Botswana	25-27 November 2015
2nd IRF Africa Regional Congress	Nairobi, Kenya	1-3 December 2015
Transport Research Arena Conference	Warsaw, Poland	18-21 April 2016
18th IRF World Meeting	New Delhi, India	14-17 November 2017

Latest News

Current View ...

News blog post	Published
Deadline Extended to 30 November 2015: Call for papers – International Conference on Transport and Road Research	30/10/2015 12:18
Blog-post: Sustainable Development and Low Volume Roads	28/10/2015 09:25
ReCAP launches call for individual experts	22/10/2015 08:34

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Social Media

Research for Community Access Partnership (ReCAP)

- **Twitter:** @Research4CAP
- **Facebook:** Research for Community Access Partnership - ReCAP
- **YouTube:** Research for Community Access Partnership (ReCAP)
- **WWW:** www.research4cap.org (ReCAP)

SUSTAINABILITY

- Key Concern for ReCAP
- Sources of Sustainable funding for LVRR Research
- Road Funds as a potential source of funding for Research
- Currently limited amounts get down to Rural Roads, Low Volume Roads.

Thank you for your attention

www.research4cap.org



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