Building sustainable transport and road research capacity under ReCAP

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Powervote

- Go to: recapirim.powervote.com
- Login with your email address
- Click on Live Polls -> Workshop 2
1. Key workshop objectives and programme

- Outline current national and regional capacity building initiatives
- Discuss how CB initiatives contribute towards enhancing the impact and sustainability of establishing research capacity within ReCAP partner institutions
- Present new initiatives
- Participant feedback on effectiveness of CB initiatives
ReCAP Way Forward Strategy

Key elements:

- WFS targeted at sustainable mobility
- Provision, Preservation and Effective Use of Rural Access
- Underpinned by Capacity Development, Knowledge Management and other support themes
- CD and KM integrated into all research projects from Concept Note to Delivery.

- Consistent and continuous strengthening of capacity (human resource and institutional) to undertake effective research
- Long-term sustainability
Power Vote Questions

- Do you consider the current ReCAP capacity building efforts to be effective? Give reasons to support your answer.

- How should ReCAP Way Forward Strategy (2017-2020) contribute towards addressing the institutional research capacity shortfalls to enhance sustainability?

- How can we measure long-term sustainability of ReCAP capacity building efforts?
2. ReCAP strategy on CB

- Activities integrated in projects (training workshops, study tours, mentoring, etc)
- Standalone skills development and training programmes, national and regional (ToTs, PTS)
- Structured mentorship programme
- Online courses (MOOCS, webinars)
- TSLDP (new)
3. Key examples of current CB

National projects – AfCAP (Institutionalisation)

- TAN2095A: skills development and training of lab personnel (RRC’s CMRL)
- MOZ2094A: Protocols for Improving Proficiency of materials testing labs (central & provincial)
- LTPP monitoring in Kenya, Ethiopia, Mozambique, Tanzania and Malawi (RRCs, local consultants)
- ZAM2059B: Pilot Demonstration-Training Unit for Tractor Technology in road maintenance (DCs, NCC, TEVETA, RDA)
3. Key examples of current CB (cont’d)

National projects - AfCAP

- Dissemination and training on LVR manuals: Kenya, Ethiopia, Tanzania, Mozambique, Zambia, WA
  - policy makers
  - design engineers (professional bodies)
  - contractors (associations)
  - training & tertiary institutions
  - Roads Authorities
3. Key examples of current CB (cont’d)

National and Regional projects – AsCAP

- SEACAP Trials
- MYA2118B: Review of Low Volume Rural Road Standards and Specifications in Myanmar
- BAN2083A: Ground Improvement for Khulna Soft Cal Soil
- RAS2117A: Development of business plans for RDUs in Myanmar, Nepal and Bangladesh
3. Key examples of current CB (cont’d)

Regional projects (AfCAP)
- **GEM**: Economic Growth through Effective Road Asset Management
- **Back Analysis**: Development of Guidelines and Specifications for Low Volume Sealed Roads through Back Analysis
- **Regional LTPP monitoring**: CB and mentoring of RRC personnel in 6 countries as well as local monitoring consultants.
- **Satellites**: The use of appropriate high-tech solutions for road network and condition analysis, with a focus on satellite imagery
3. Key examples of current CB

**GEM**: Integration of development process

- Improved Asset Management
- Technical Assistance and Training
- Participating agencies
- Preparation of AM Action Plans
- Advisory Team
- Identification of gaps in AM
- Data collection
- Review of data
- Preparation of data collection instruments

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3. Key examples of current CB

**Satellites:**

- Detailed appropriate training materials, including a Training Manual, were developed by Airbus DS;
- Ghana, Uganda and Zambia were trained by the Airbus DS specialist and the TRL team leader;
- Kenya was trained by RCMRD, regional remote sensing specialists based in Nairobi;

➤ Demonstrates that training can be sourced and carried out using local suppliers, a positive finding in terms of the sustainability of the system.
3. Key examples of current CB

*Climate Adaptation:*

- CB based on application to Mozambique, Ghana and Ethiopia, but equally applicable to any Sub-Saharan country.
- Handbook and associated technical guidelines developed:
  - Change Management Guidelines
  - Climate Threats and Vulnerability Assessment Guidelines
  - Engineering Adaptation Guidelines.
- Training workshop being held in the 3 countries on application and refinement of the Guidelines.
- Beneficiaries involved in development, application and refinement of Guidelines, engenders ownership leading to long-term sustainability.
Key examples of current CB (cont’d)

- Classroom training session before site demonstration
- Interactive discussions in preparation for field work
Key examples of current CB (cont’d)

- Field demonstration and training on draft Guidelines
- Field exercises followed by review sessions in classroom
- Contribute to refinement of draft Guidelines
4. Outline of new CB initiatives

- Webinars
- MOOCs
- Structured Mentoring
- Inter-generational knowledge transfer
5. Power Vote Questions

- Do you consider the current ReCAP capacity building efforts to be effective? Give reasons to support your answer.

- How should ReCAP Way Forward Strategy (2017-2020) contribute towards addressing the institutional research capacity shortfalls to enhance sustainability?

- How can we measure long-term sustainability of ReCAP capacity building efforts?
Thank you for your attention

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