Birmingham, UK
University of Birmingham
School of Engineering
Background

- University of Birmingham: a truly international University
- Highways research and education focuses on developing countries
- The Highways area for developing countries established with the financial support from the British Government in the mid 1970s
- We have students from all over the world and primarily Sub-Saharan Africa and South Asia
Capacity Building

- Research
  - PhD programmes
  - Projects
- Education
  - Masters programmes
  - Training (Senior Road Executives Programme)
- Focus of Activities: Sub-Saharan Africa and Asia
- Collaboration
Objectives

- To advocate the need to **focus on low and middle income countries** where most accidents occur
- To recognise that road safety is a **multi-disciplinary issue**
- To state that capacity building should be based on **robust educational procedures**
- To ensure that **training** concerns the appropriate **stakeholders** with the **users** in mind
- To highlight that low and middle income countries have **conditions different** from those found in high income countries
Objectives

- To insist on using scientific and engineering principles
- To emphasise the use of local knowledge and resources
- To accentuate the need for data and other evidence
- To stress ‘adapt before adopt’
- To promote ownership and responsibility
Research-based capacity building

- Focus on LMICs
- Originality
- Innovation
- Dissemination
- Benefits
  - New knowledge
  - Researcher
- Challenges
  - Institutional issues (structures, politics and salaries)
  - Longitudinal studies
Topics

- Road Safety Economics
  - 2nd Generation Road Funds for Road Safety Funding (Malaysia)
  - Social Impact Bonds for Road Safety Funding (Indonesia)
  - Budget optimisation of countermeasures (Uganda)

- Road Safety Management
  - Road Safety Violations (India)
  - Motorcycle Safety (Vietnam)
  - Sustainable Countermeasures (Indonesia)
  - Integrating Road Maintenance with Safety (Malaysia)
  - Public Transport Infrastructure Safety (Jamaica)
  - Countermeasures Optimisation (Iraq)
  - Strategic Planning (Iraq)
  - Pedestrian Safety Data Modelling (UK)
Current PhD Programmes in Road Safety

- Economics – Ms Charity Nankunda (Uganda)
- Sustainability – Mr Joel Mubiru (Uganda)
- Pedestrian Safety Modelling – Mr Buwei He (China)
- Effectiveness of Countermeasures – Mr Shengqi Liu (China)
- Strategic Management - Mr Bosong Jiao (China)
THANK YOU

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