

Supporting Adaptation for Transport Resilience to Climate Change in LICs in Africa & S Asia

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What is AfTR-CC?

We aim to assist transport providers in low-income countries.

Increasing resilience of road, rail and urban transport infrastructure from the impacts of climate change

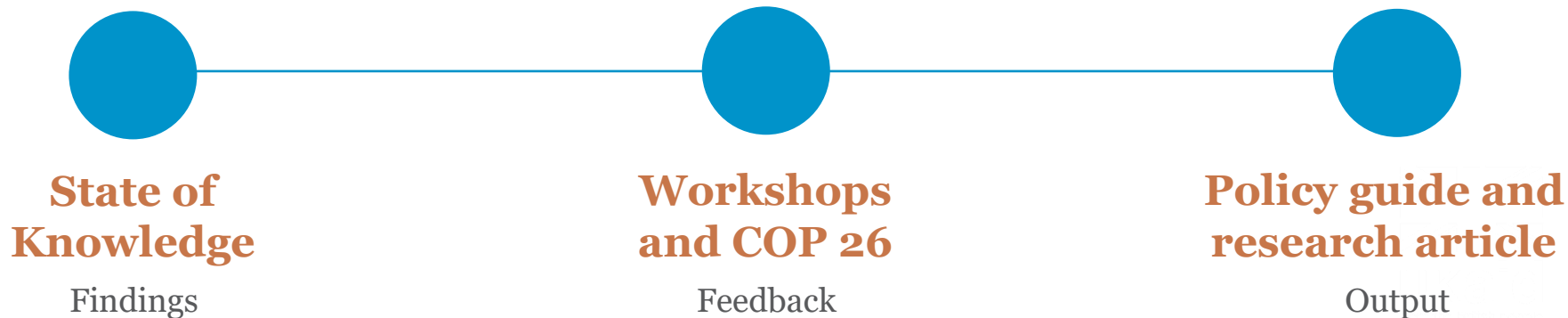
Four themes underpin the research.

- Future weather patterns as a result of climate change
- Climate change impacts on transport, society and economy
- Transport resilience and infrastructure adaptation
- Capacity building and financing projects

AfTR-CC timeline

There are three main deliverables.

1. State of Knowledge report
2. Policy guide
3. Peer-reviewed research article (journal publication)





Findings: Policy

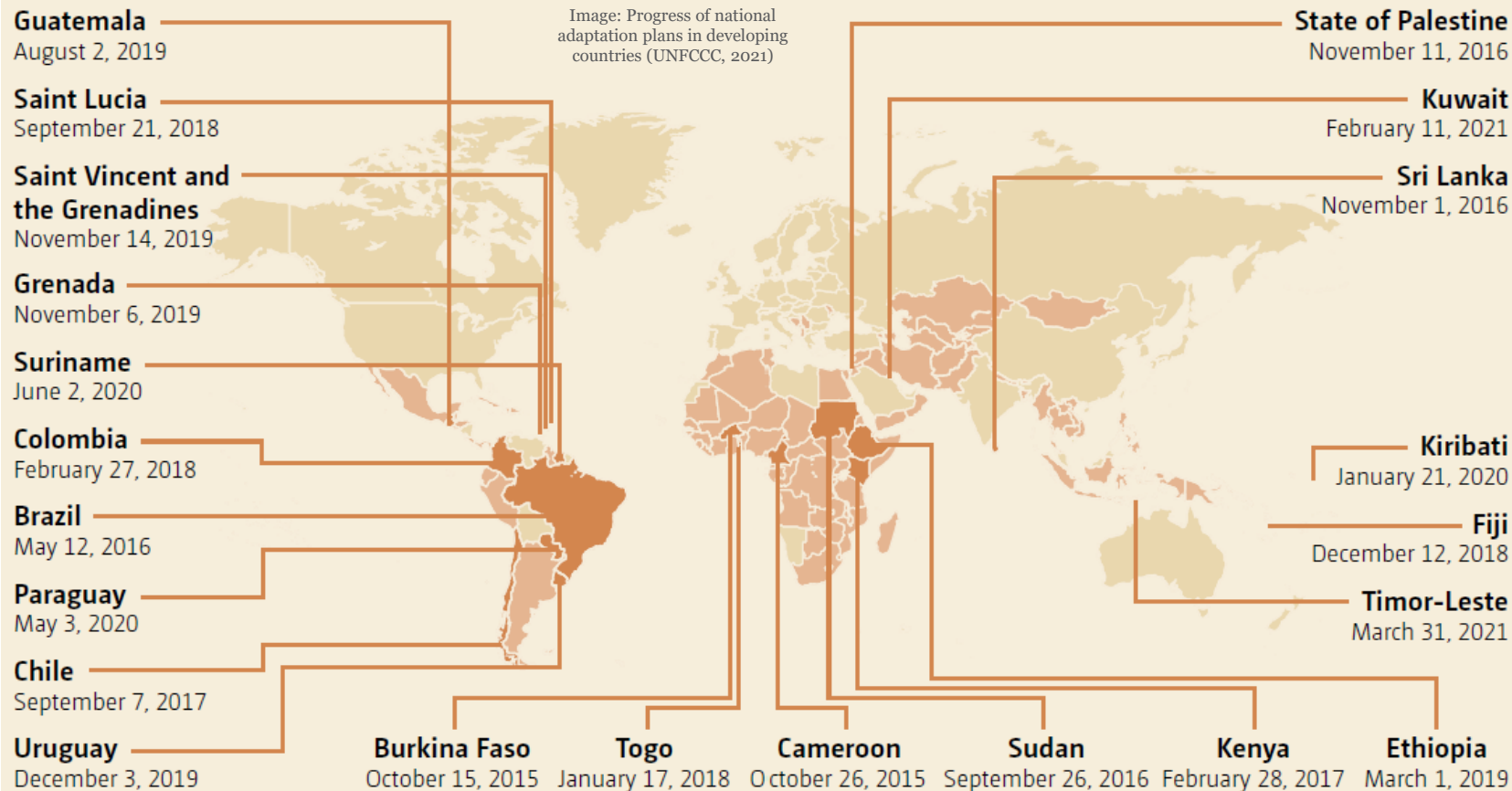
National adaptation plans are improving over time.

Only some discuss transport.

National/regional vulnerability assessments are quite good.

There are capability gaps in implementation, monitoring and evaluation of adaptation plans.

Findings: Policy





Findings: Tools

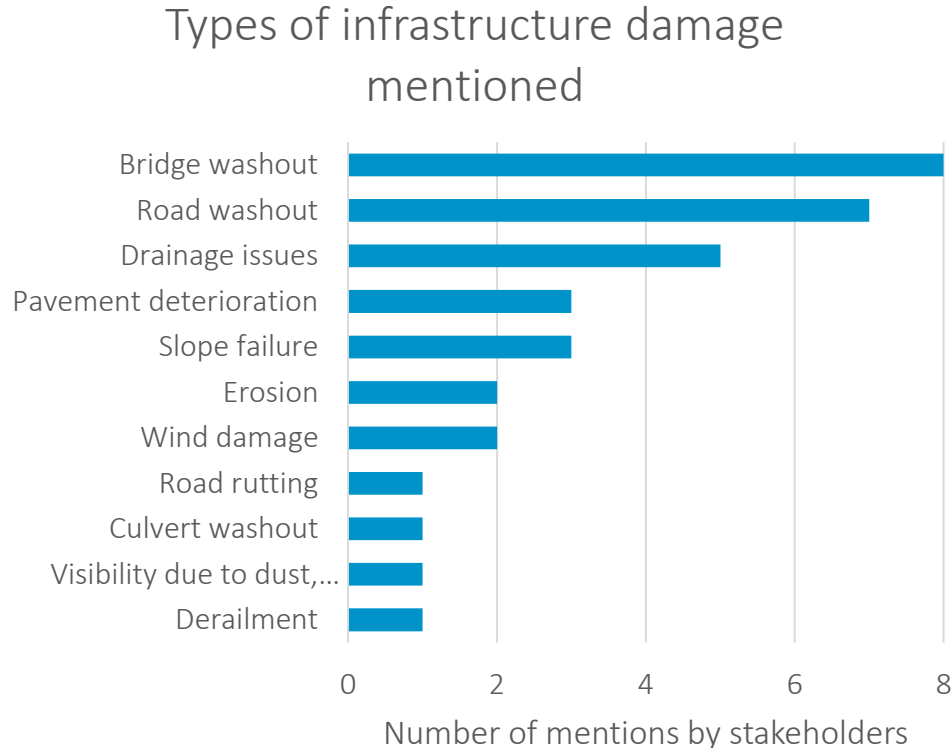
There are so many tools, it is difficult to pick the most suitable.

Better tools do not support all parts of adaptation planning.

Some good tools are local-scale: they need skilled local users.

Well-designed tools may not meet low-income country capacities.

Findings: Interviews



Climate awareness is still in its infancy across stakeholders.

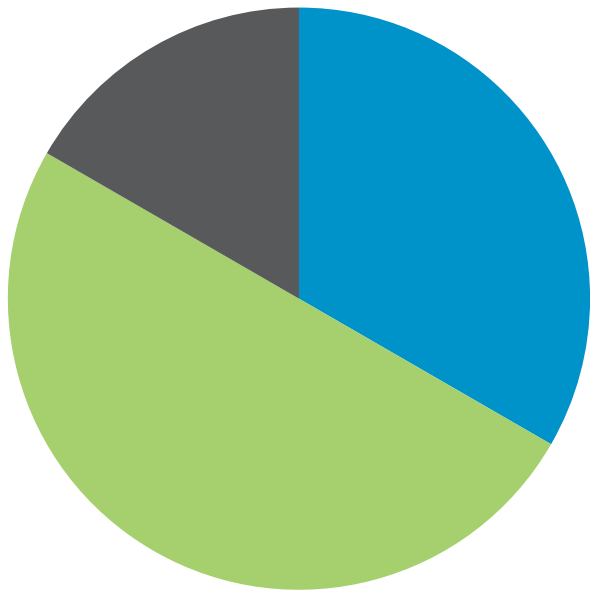
Flood impacts are most recognised.

Design specifications are important, but seldom reflect climate related information.

Priority development areas would be to increase climate awareness and improve infrastructure.

Findings: Interviews

Weather and climate monitoring



■ Formal monitoring ■ Informal monitoring ■ No monitoring

Disaggregated data is needed to analyse extremes, not averages.

COVID-19 is a barrier, it has affected funding.

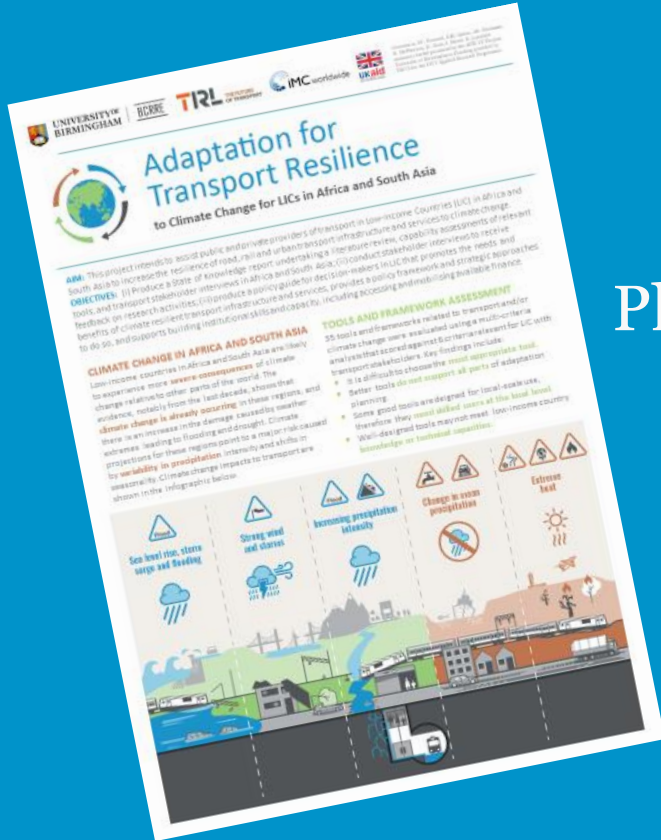
Low awareness of biodiversity in the context of adapting transport to climate change.

Little co-ordination between and within ministries and departments.



How to facilitate transport resilience?

- **Government coordination:** Streamlining national to local; cross-sector.
- **Capacity building and awareness raising:** Climate knowledge, climate and transport data, financial resources, integrating adaptation and disaster risk reduction.
- **Full stakeholder engagement:** including local communities, private sector in order to further raise awareness and buy-in.



Thank you
Please pick up project information and support policy guide development

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