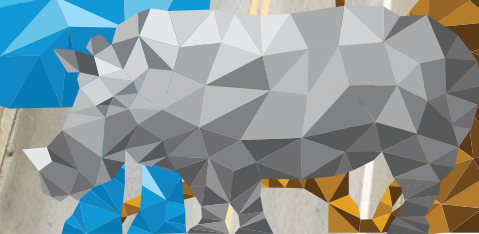
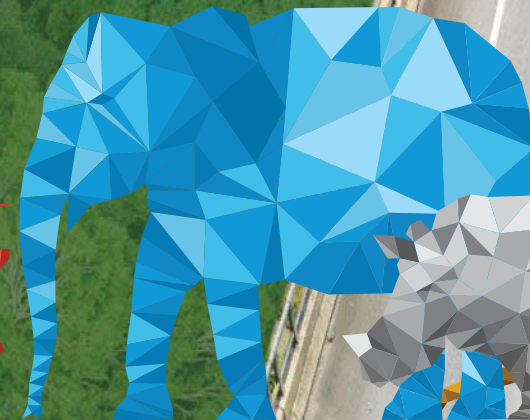


High-Level 16th Regional EST Forum in Asia



Asian Development Bank's Experience of Greening the Transport Sector in harmony with Nature and Biodiversity

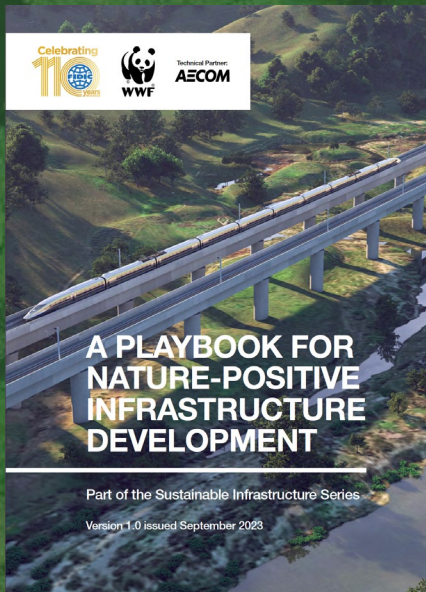
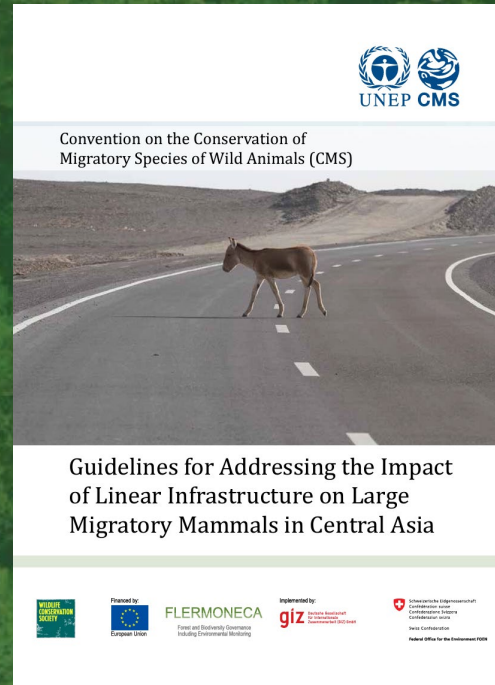
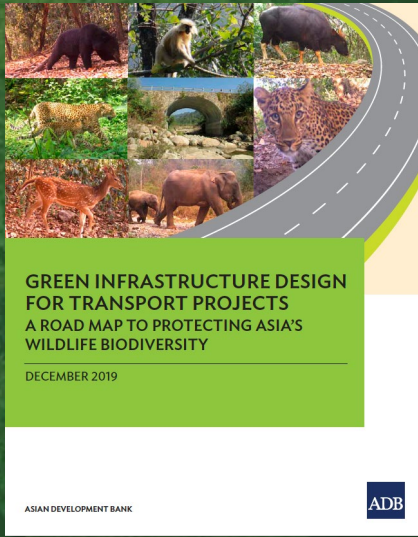
Karma Yangzom
Principal Environment Specialist
Climate Change and Sustainable Development
Department
Asian Development Bank



3 Focus Areas

- 1) Guidance and knowledge sharing
- 2) Capacity building
- 3) Integration of biodiversity friendly measures in transport infrastructure investment projects

1) Guidance and Knowledge Sharing



2) Capacity building

1) International forums and Training workshops:

- 2017 Hanoi Forum on sustainable infrastructure organized in partnership with WWF in Hanoi, 2017
- ADB transport forums
- Training and exposure visit during IAIA 2019 conference in Brisbane
- Convention on Biological Diversity COPs (COP15 and COP16)



2) Webinars:

- Modern road ecologist's toolbox
- Conserving and managing natural capital
- Greening transportation projects
- Planning and design of smart linear infrastructure



2) Capacity building

3) Investing in bringing in well reputed international, regional and national technical experts

4) Facilitating stakeholder engagement and institutional coordination within countries to promote biodiversity friendly approaches in linear transport projects

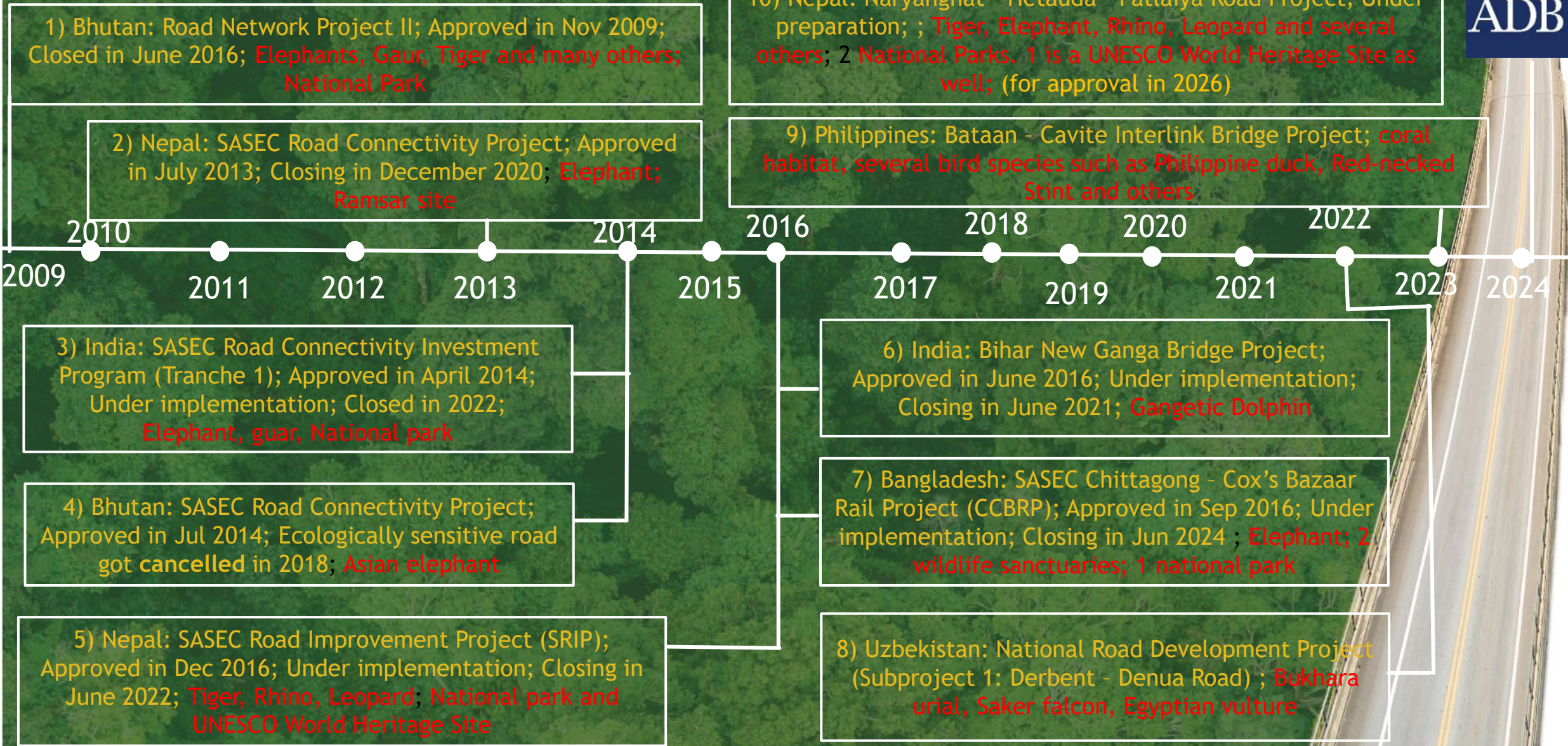
5) Monitoring performance of wildlife structures constructed to draw lessons and inform future projects



Bhutan Road Network Project II: Underpass Monitoring Study



3) Integration of biodiversity friendly measures



3) Integration of biodiversity friendly measures

Nepal SRIP: First time efforts in the country

- 54 wildlife underpasses included in the project design; 12 involve resizing;
- Regular meetings between DOR and wildlife stakeholders; Biodiversity Conservation Plan



Nepal Country Project under GEF Greening Transportation Infrastructure Development Integrated Program (GRID IP): Covers all 3 areas; under development and for approval by GEF in 2025

3) Integration of biodiversity friendly measures

Bangladesh: SASEC Chittagong - Cox's Bazaar Rail Project

- World first elephant overpass
- Several wildlife underpasses
- Funnel fencing
- Habitat enhancement plan
- Sensor technology to alert train driver when elephants are nearby (in the process of being procured)





THANK YOU!

