



Session 2: Bus Priority Scheme and Norzin Lam Pedestrianisation

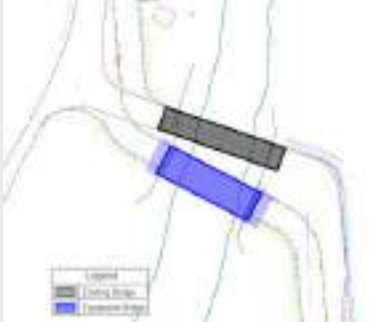
Bus Priority Scheme and Norzin Lam Pedestrianisation

- Technical designs, RAP, ESIA, completed and projects ready for procurement in September 2025
- BPS included in Low Emission Transport Masterplan, and Norzin Lam in Non-Motorised Transport Plan
- **Bus priority lanes** involve dualling two sections of N-S trunk corridor, widening two bridges, installing 23 pedestrian crossings and 75 bus stops

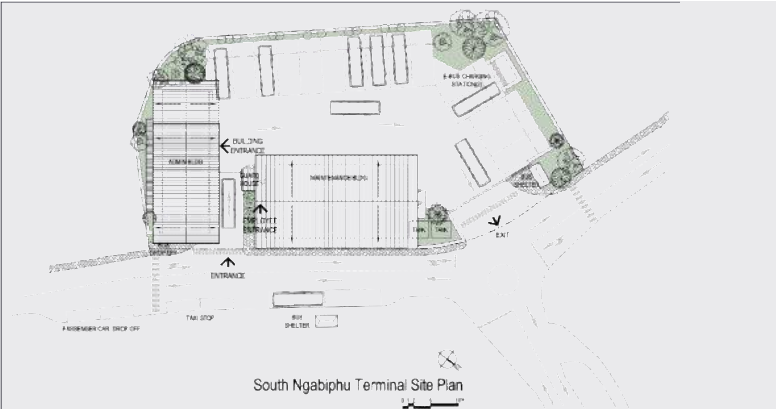
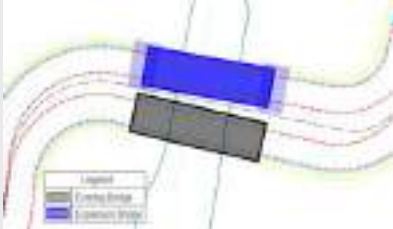


Supporting BPS Infrastructure

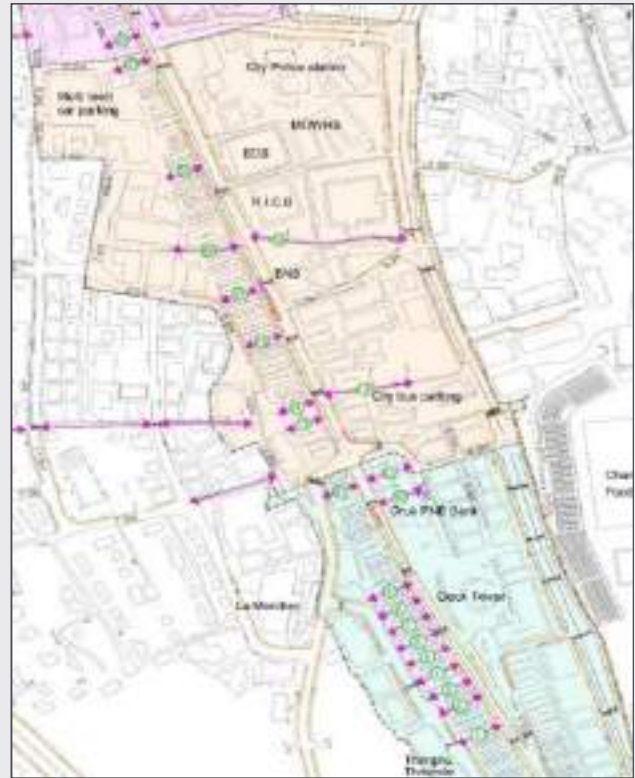
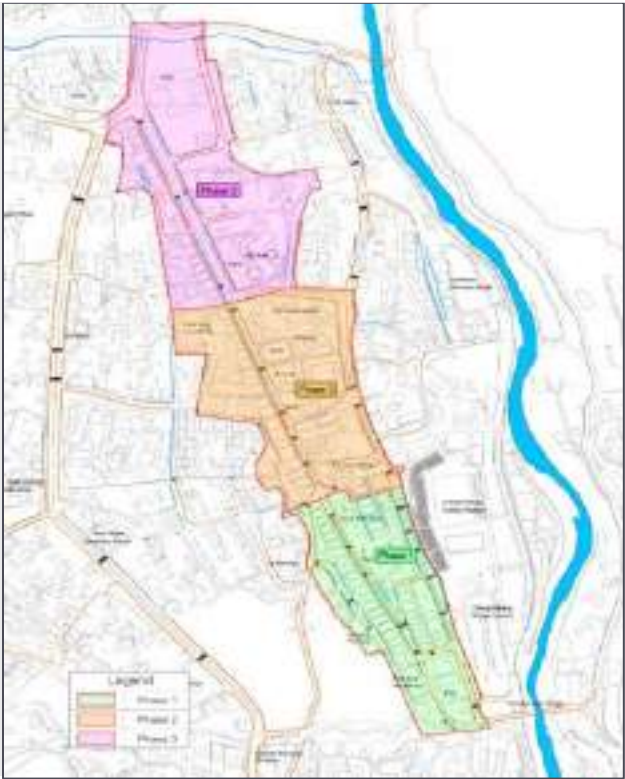
Dechencholing Bridge



Pamtsho Bridge



Pedestrianisation of Norzin Lam



Design review and Procurement

- Technical designs will be reviewed to include **National Adaptation Plan** measures to increase resilience
 - Slope stabilization against landslides, increased drainage and bioswales for more severe storms, protection of bridge abutments against scour
 - Additional tree planting and passive solar roofs to shelters
- BPS and Norzin Lam pedestrianization procured separately to encourage **SME participation**
- BPS contractor will install cable ducts and supports for bus timetable information, lighting, CCTV, and metered power supply to terminals and depot
- Site for work camp and visas will be provided
- Procurements will follow **World Bank** procedures and their environmental/social safeguards will apply
- Traffic management will be required for road user safety and to minimize congestion



Session 4: E-Bus Procurement

Procurement of E-Buses for BGTP

- BGTP will require the procurement of 50 e-buses to provide a new more regular and reliable service on trunk corridor through Thimphu and to replace oldest diesel buses in the current fleet
- Procurement will include provision of spare parts, battery replacement, chargers, initial training of drivers and mechanics, and possibly an extended warranty period
- Required specification described by Director Pasang of City Bus Service shortly, but project will also include a study of potential for V2G using buses as emergency back-up as climate resilience measure
- BGTP is a demonstration project for other urban areas in Bhutan and further technical assistance will include a study for accelerating procurement of e-buses for the inter-urban bus market
- CBS expects to be running an all-electric bus fleet of around 120 buses by 2037



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