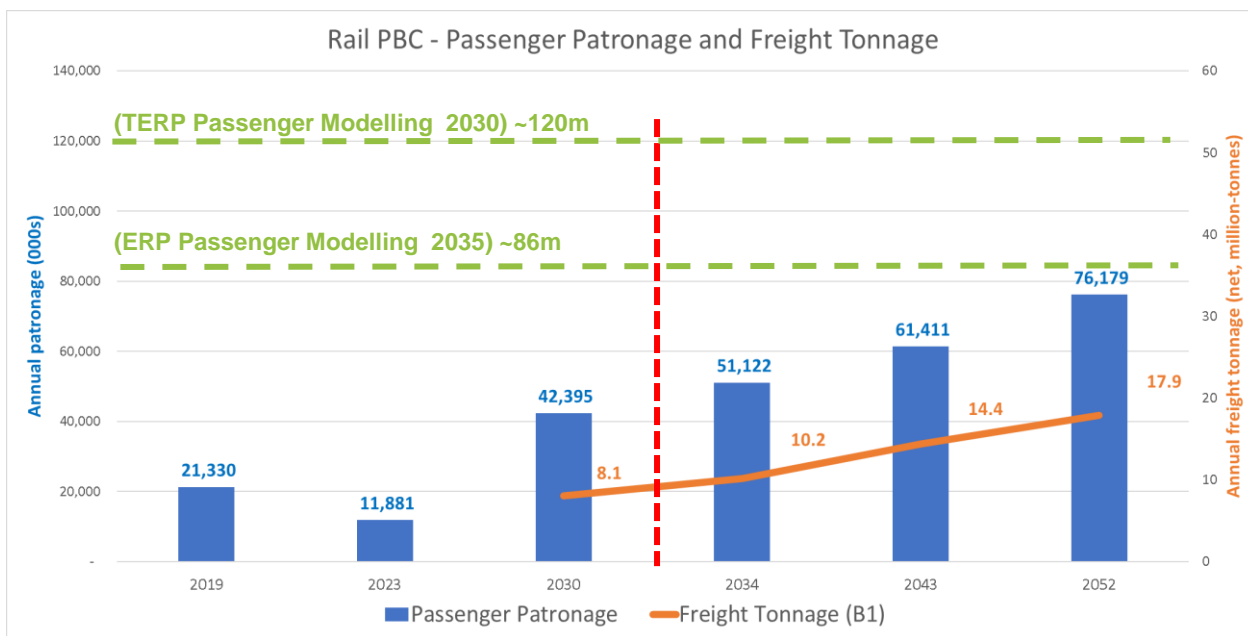


Attachment 3: Future demand and key investment focus areas

- Forecast growth after CRL opening will consume capacity by 2030's – new capacity needed to enable growth to continue.
- Further mode shift & emissions reduction policy drivers could accelerate demand.



Legend:

- The network reaches capacity by c.2030's.
- This triggers the need for 4-track capacity on the NIMT-S from Westfield to Pukekohe

Passenger Trip Targets

- AC Transport Emissions Reduction Pathway (TERP 2030) ~120m
- National Emissions Reduction Plan (ERP 2035) ~86m

30 year programme: 6 key investment focus areas



Maintenance & renewals

Step change in maintenance & renewals levels and delivery methods and to improve reliability and reduce disruption from track works



Level Crossing removal

Closure or grade separation of all level crossings



Signalling & Power

Upgrade signalling for capacity
Upgrade power supplier for greater passenger frequency & electrified freight



Fleet, Depots & Stabling

New and replacement trains, depots & stabling to meet future demand



Additional Track Capacity

38km 4-tracks: Westfield Junction to Pukekohe

New Avondale to Southdown - Crosstown corridor enabling port options and freeing the inner isthmus for passenger services



Station Upgrades

Upgrades and improvements to stations to improve access and amenity to cope with growth