# The Liverpool Network Resilience Model



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## **Background**

- (i) Electrified network (DC-third rail).
- (ii) 67 stations and 75 miles-track.
- (iii) About 105,000 passengers per day.

## **Objective**

To demonstrate the application of the railway resilience model.

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# **Example**

<u>Disruption:</u> 4 hours-disruption between Blundellsands & Crosby and Waterloo station at 11:00.

### Mitigation strategy (30 mins after the disruption):

- (i) Bus replacement services between Hall road and Bootle New Strand station.
- (ii) Provide train services to the bus connecting points with a normal frequency (15 mins).



