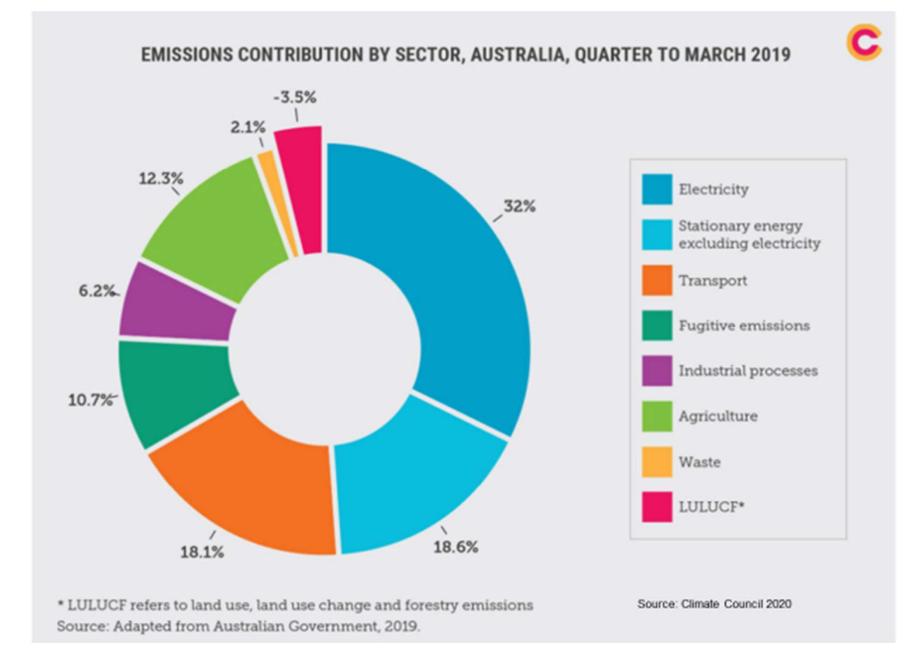


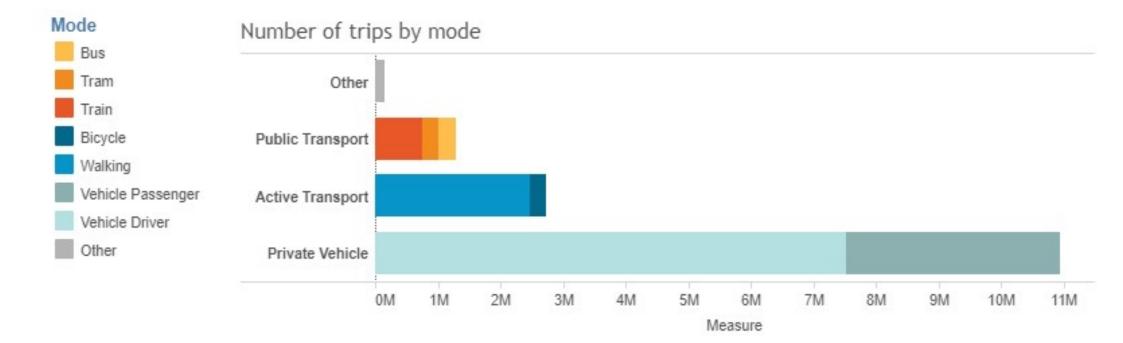
Image Source: Sustainable-Bus.com

Why is electrifying our bus fleet important?

I'm an electric bus, helping to improve air quality

mage Source: REUTERS/Toby Melville





Data Source: Victorian Integrated Survey of Travel and Activity (2018)

Melbourne's bus network

14 separate franchised bus operators 355 routes 2400+ buses 34 depots Just 3.4% of journey to work



What is needed to transition to electric buses?

Image Source: Transdev

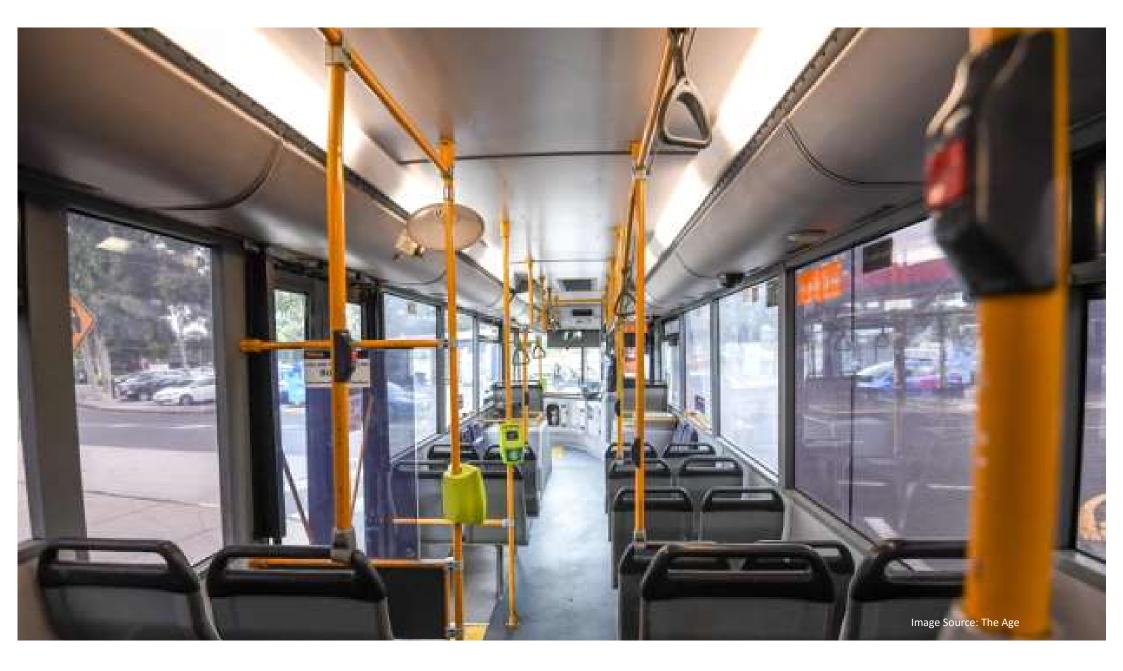
The electric bus transition will be difficult in Melbourne

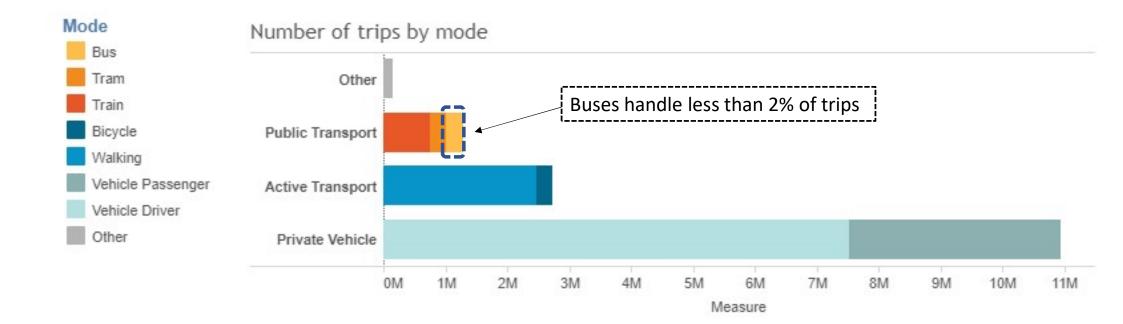
Image Source: Wongm

ENERGENCY EXIT

to day

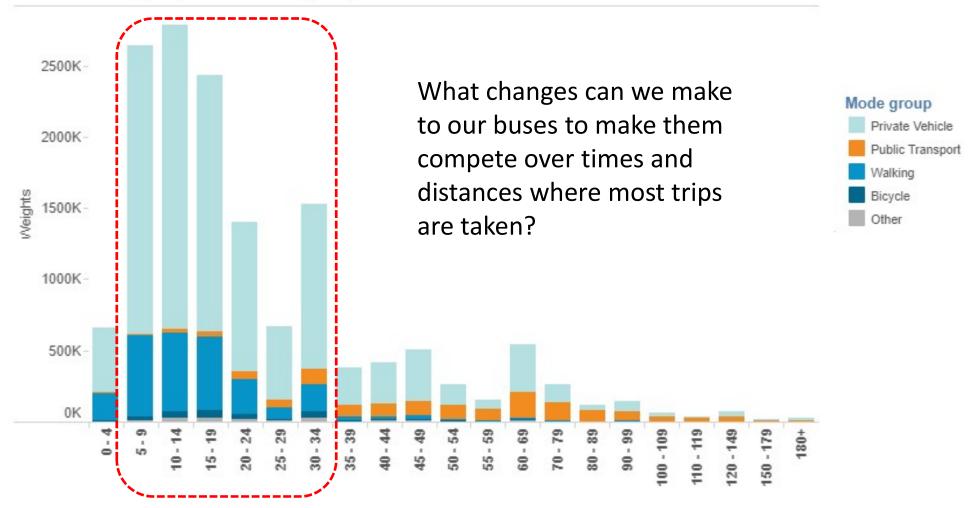
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Data Source: Victorian Integrated Survey of Travel and Activity (2018)

Number of trips by travel time (mins)



Data Source: Victorian Integrated Survey of Travel and Activity (2018)

What's needed? Fast, frequent and direct services





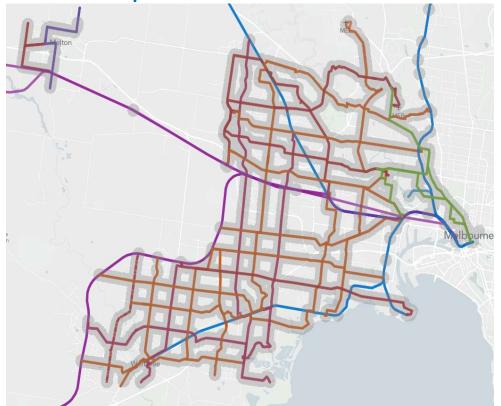
Image Source: Steve Pemberton RMIT

What might it look like? Western Suburbs Example



Now:

Indirect routes, variable infrequent service. Median 30-minute weekday accessibility: **41,258**



Alternative Network: Direct routes, 10-minute daytime frequencies Median 30-minute weekday accessibility: **147,000**

Where can you get to in 30 minutes at 5 pm on a weekday from Pacific Werribee?



Now: 31,279 population 8,267 jobs



Alternative Network: 153,732 population 29,296 jobs



Image Source: Sustainable-Bus.com