



International Association of Public Transport  
Union Internationale des Transports Publics  
Internationaler Verband für öffentliches Verkehrswesen  
Unión Internacional de Transporte Público

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***OUR TASK IS TO  
ENABLE THE FUTURE  
NOT MERELY FORSEE  
IT!***

**Better mobility for people worldwide**

# ENERGY AND EMISSIONS – WHERE ARE WE?

## IN AUSTRALIA, IN THE LAST SIX YEARS

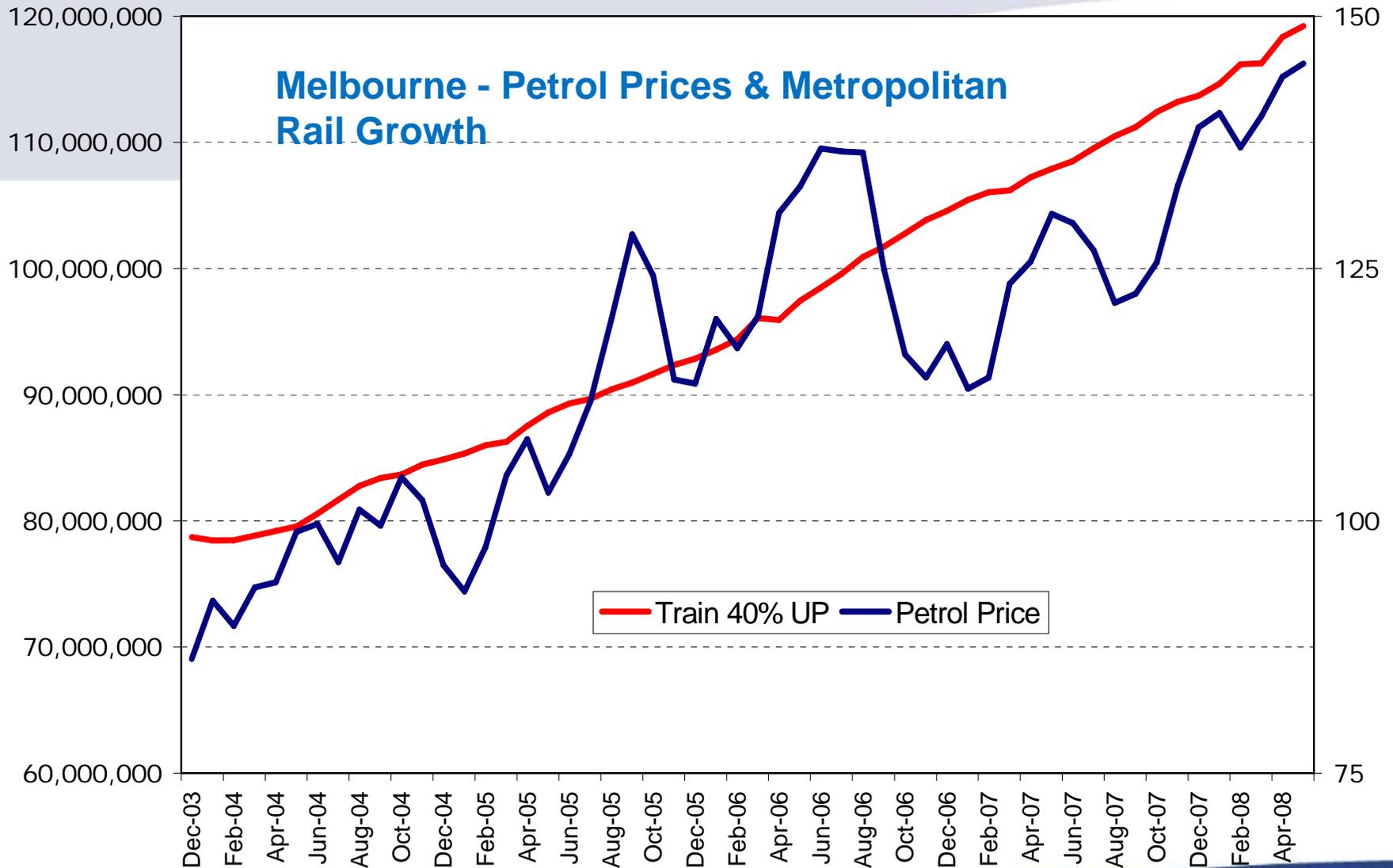
- Total energy use increased 15%.
- Production of crude oil fell 21%
- Export of oil dropped 31%, imports grew 35%

Australia's national inventory of carbon dioxide equivalent increased **1.1%** in the last 12 months.

Annual Rail Validations

cents/litre

### Melbourne - Petrol Prices & Metropolitan Rail Growth



## GROWTH CHARACTERISTICS

- Mode shift (due to petrol Prices, extra services)
- And increase in travel demand, not road demand
- Goods carried by trucks on Melbourne's roads have grown by a massive 50% in the past decade.
- Growth is not evenly distributed
- Growth occurring on the key corridors
- Growth is both peak and off peak
- Average trip lengths keep increasing

**And there is no real sign of it stopping!**

**New Directions towards more sustainable transport have been clear for some time!**

**Climate change and peak oil add *urgency***

**The future will not be “business as usual”**

**Green technologies part of the answer, but only a part**

**Change in behaviour will be needed, backed by changes in pricing, investment, road space allocation, and land use**

**A combination of all these strategies can make a very substantial difference within 20 years, provided **we start now!****

# **TRAVEL BEHAVIOUR IS CHANGING**

**It is clear that circumstances have changed regarding people's travel behaviour**

**This behavioural change is positive and should be encouraged**

**Change will only take place as long as travel options continue to meet key needs**

**Government needs to support these behavioural changes with policy and infrastructure decisions**