AusRAIL PLUS 2009
Mr Michael Deegan

17 November

- The Past:

  ➢ Respect

  ➢ Learn

  ➢ Let go

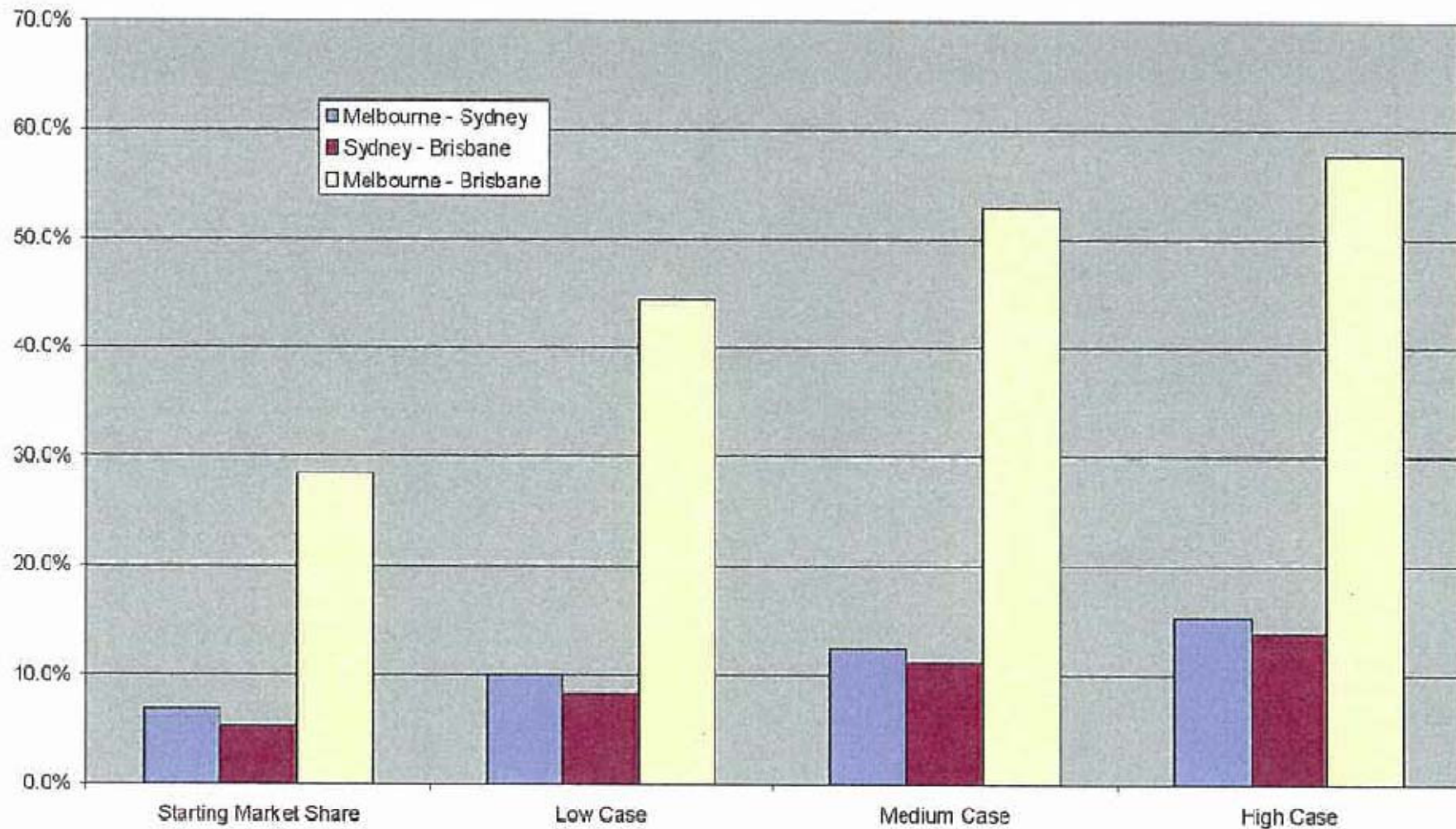 ➢ We do not live in yesterday

Tomorrow Land

- Imagination is important

- Fantasies disappoint

- Edison: 90% perspiration, 10% inspiration

What Future View?

Market Share of Rail

22 Radio Systems?

Who Makes The Future?

- Customers

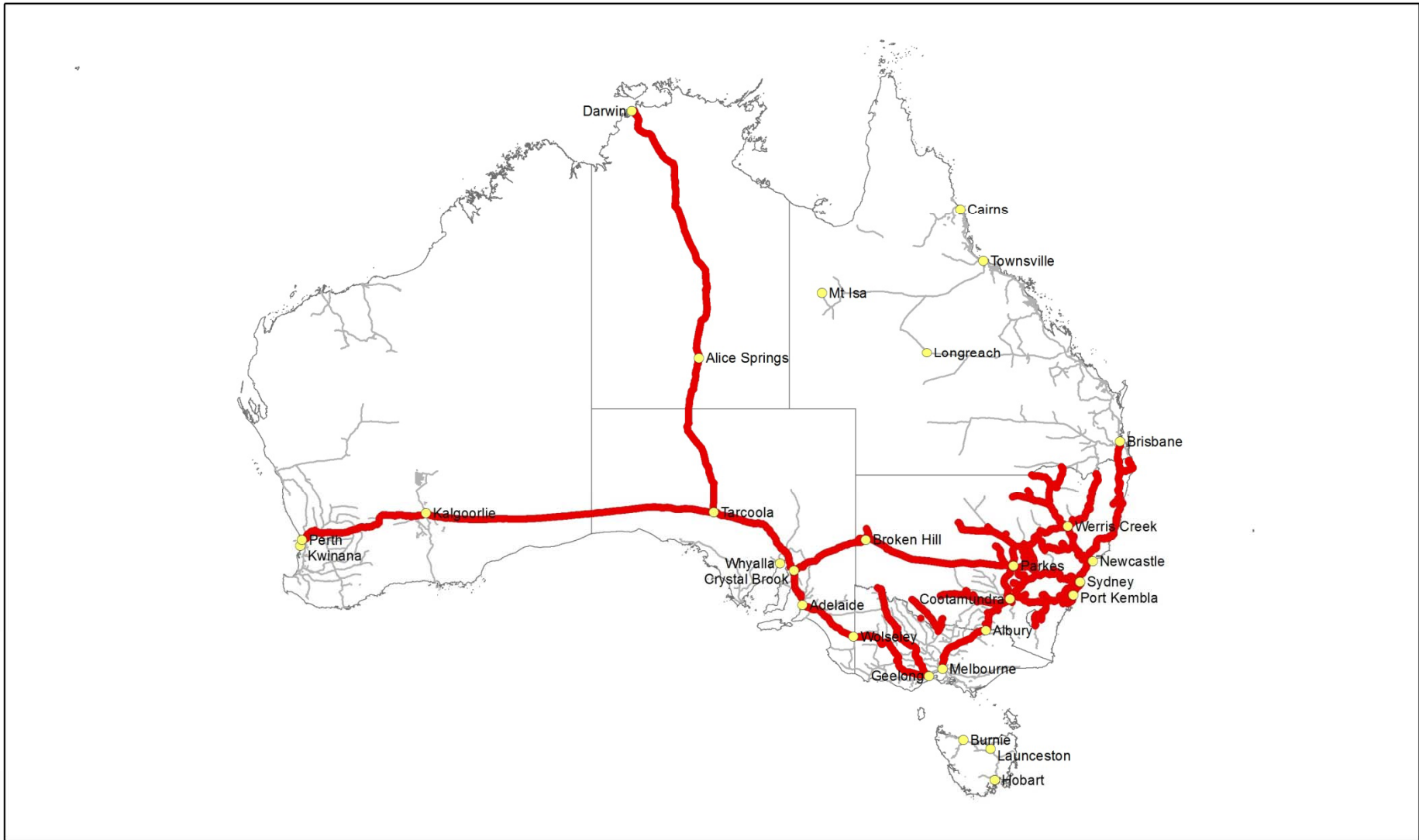- Future of grain and fuels

- Suburban land use

- Road pricing

Are We in Shape?

- Overcrowding

- Slow trains

- Station distances

- Versions of a national network

Contiguous Standard Guage Lines

Towns labeled on map: Darwin, Cairns, Townsville, Mt Isa, Longreach, Alice Springs, Brisbane, Kalgoorlie, Tarcoola, Broken Hill, Werris Creek, Perth, Kwinana, Whyalla, Crystal Brook, Parkes, Newcastle, Sydney, Port Kembla, Cootamundra, Adelaide, Wolseley, Albury, Geelong, Melbourne, Burnie, Launceston, Hobart

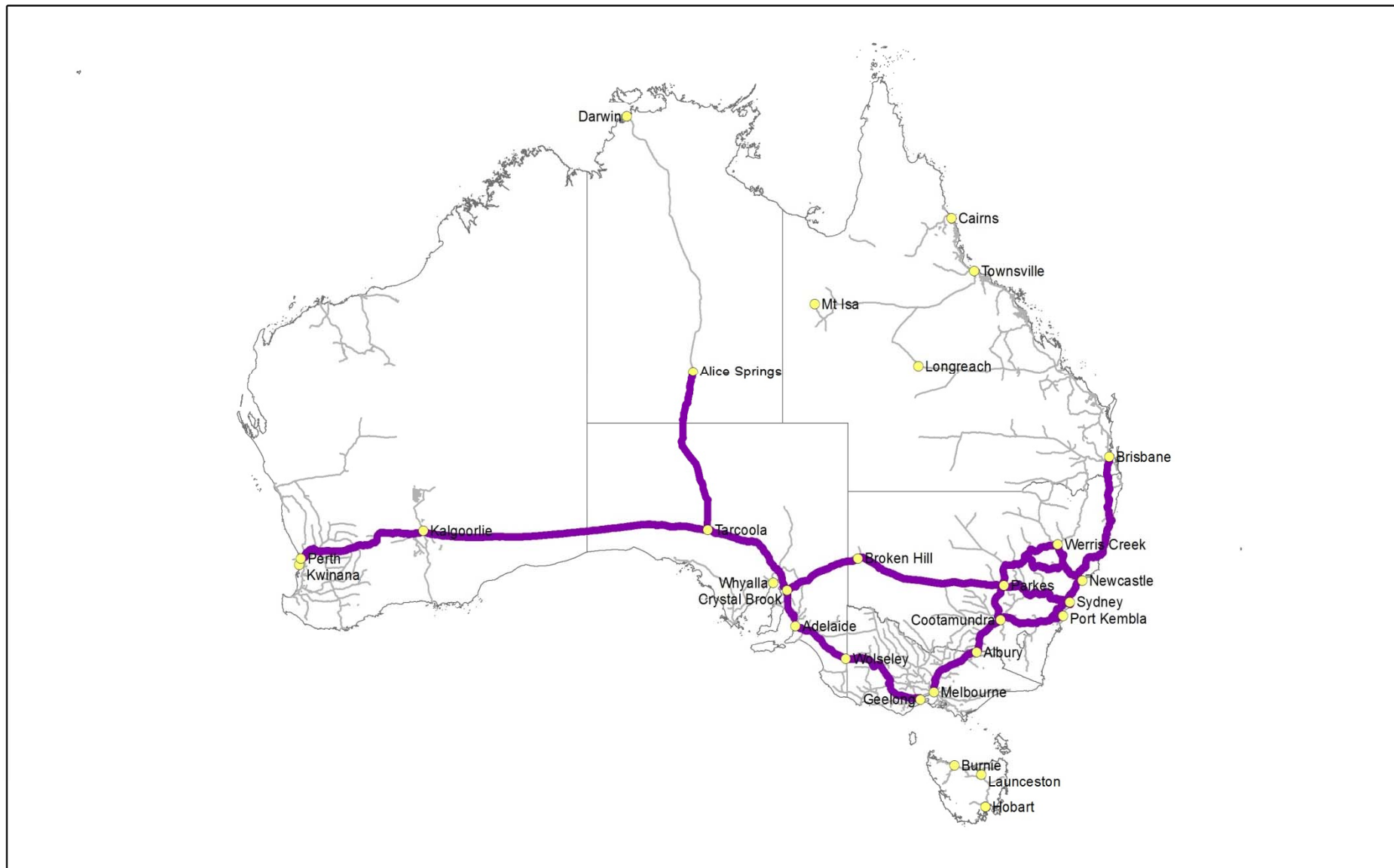Australian Government
Infrastructure Australia

N

0   250   500   1,000
Kilometres

Source: Adapted from ARTC network map
Disclaimer: While every effort has been made, Infrastructure Australia cannot guarantee the accuracy of it's sources.

Legend

- ○ Towns
- ▬ Contiguous Standard Guage Lines
- ─ Other Rail Network

Defined Interstate Rail Network

Towns shown: Darwin, Cairns, Townsville, Mt Isa, Longreach, Alice Springs, Brisbane, Kalgoorlie, Tarcoola, Broken Hill, Werris Creek, Perth, Kwinana, Whyalla, Crystal Brook, Parkes, Newcastle, Sydney, Port Kembla, Adelaide, Cootamundra, Wolseley, Albury, Geelong, Melbourne, Burnie, Launceston, Hobart

Legend

○ Towns

▬ Defined Interstate Rail Network

— Other Rail Network

National Land Transport Rail Network

Towns (labeled on map): Darwin, Cairns, Townsville, Mt Isa, Longreach, Alice Springs, Brisbane, Perth, Kwinana, Kalgoorlie, Tarcoola, Broken Hill, Werris Creek, Newcastle, Whyalla, Crystal Brook, Parkes, Sydney, Port Kembla, Cootamundra, Albury, Wolseley, Geelong, Melbourne, Burnie, Launceston, Hobart

Australian Government
Infrastructure Australia

N

0   250   500   1,000
Kilometres

Source: Austlink Data

Disclaimer: While every effort has been made, Infrastructure Australia cannot guarantee the accuracy of it's sources.

Legend
○ Towns
━━ Auslink Rail Corridor
── Other Rail Network

Indicative Rail Network

Darwin

Cairns

Townsville

Mt Isa

Longreach

Alice Springs

Brisbane

Tarcoola

Kalgoorlie

Broken Hill

Werris Creek

Perth
Kwinana

Whyalla
Crystal Brook

Parkes

Newcastle
Sydney
Port Kembla

Cootamundra

Albury

Wolseley

Geelong

Melbourne

Burnie
Launceston

Hobart

Australian Government

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N

0	250	500	1,000

Kilometres

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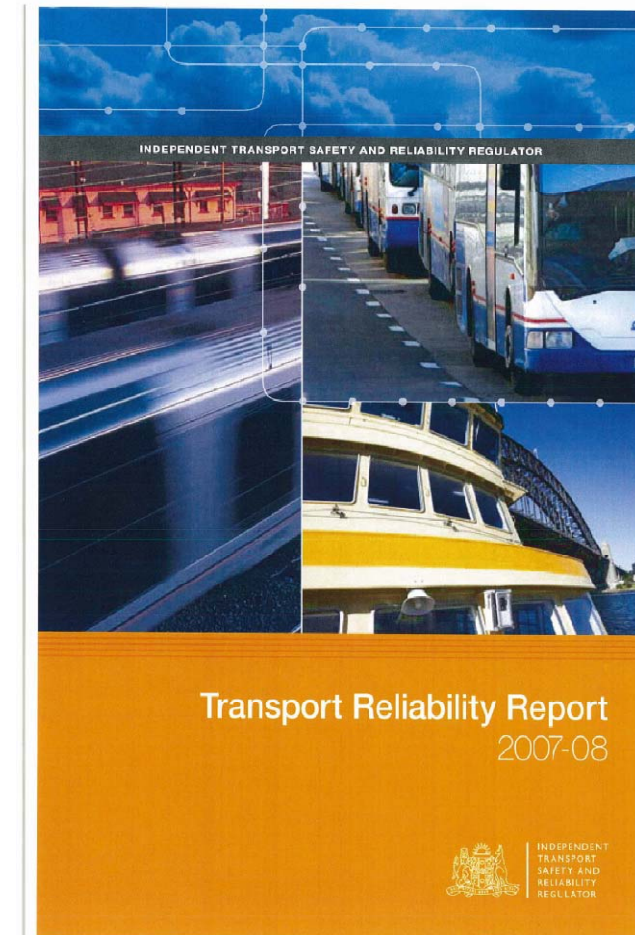cannot guarantee the accuracy of it's sources.

Legend

○ Towns

▬ Proposed Network

── Other Rail Network

Australian Rail Track Corporation Network

Darwin

Cairns

Townsville

Mt Isa

Longreach

Alice Springs

Brisbane

Kalgoorlie

Tarcoola

Broken Hill

Werris Creek

Perth
Kwinana

Whyalla
Crystal Brook

Parkes

Newcastle

Adelaide

Cootamundra

Sydney
Port Kembla

Wolseley

Albury

Geelong

Melbourne

Burnie
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N

| 0 | 250 | 500 | 1,000 |
Kilometres

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Legend

○ Towns

━━ Australian Rail Track Corporation Network

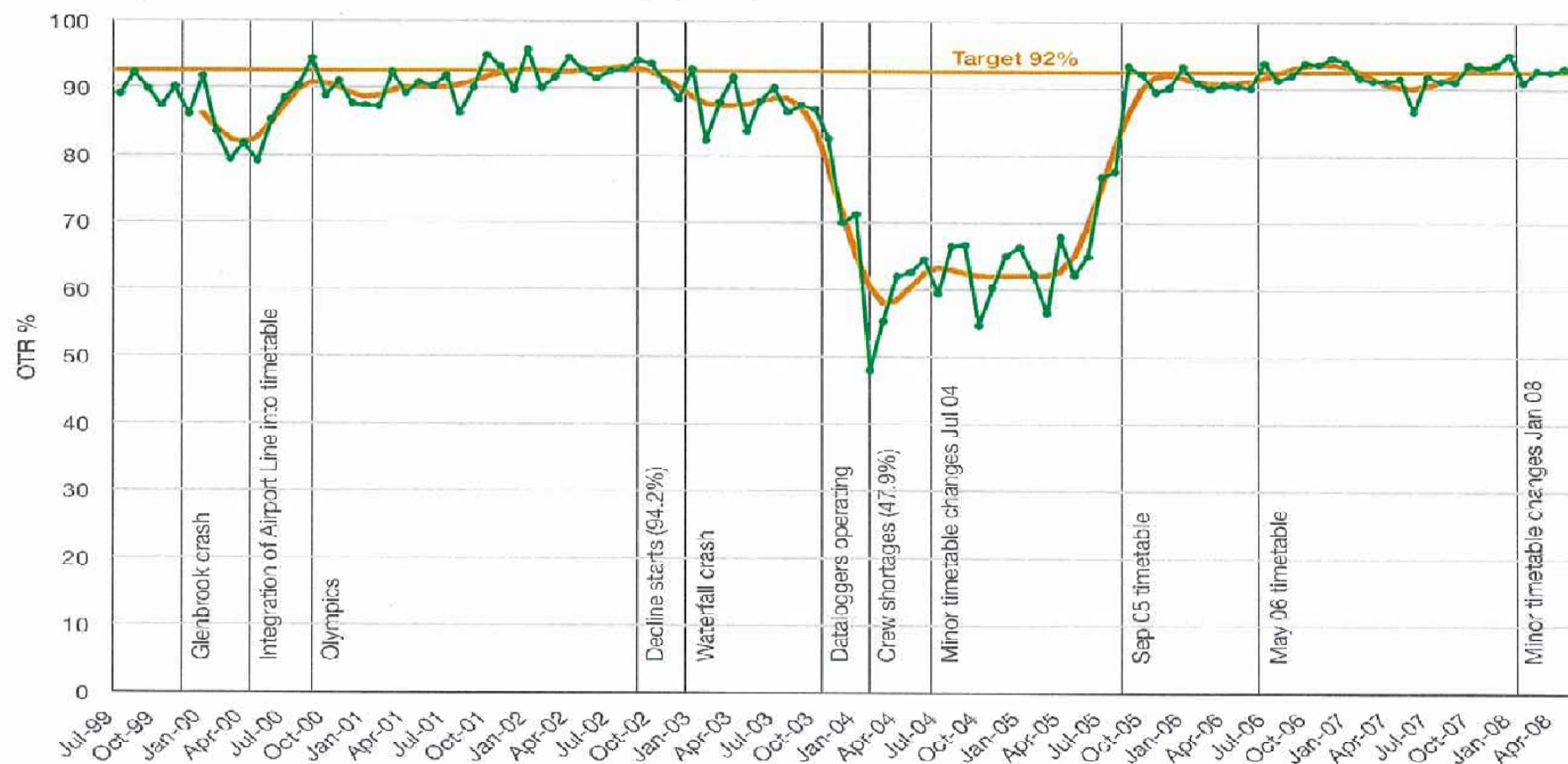── Other Rail Network

The Future of Rail

The Future of Rail

- The CEO of the future is a child today

- Information technology

- Rail favoured by future events – fuel prices, climate change

- Rail to help society – not society helping rail

- More open

The Future of Rail

Figure 2.1: On-time running, CityRail, monthly, peak periods, actual and smoothed[10]

9   At 30 June 2008 there were 428 peak services each weekday and the operational performance of all is monitored.

10 The smoothed line is derived from the actual data by applying a Henderson filter. A point on the smoothed line is based on actual data from both before and after that point. For this reason the smoothed line extends over a shorter time range than the actual data. The advantage of Henderson filters is that they accurately identify the points in time when changes in trend occur.

Urban Passengers

- Railway Digest – John Hoyle, November 2009

  - *"...there was a 'can do' philosophy in QR in both the engineering and operations area of the organisation".*

  - *"...in many ways, time has stood still for Brisbane's suburban rail network in the 30 years since the first electric trains. Nowhere is this more obvious than in the critical area of train frequency".*

  - *"...QR Citytrain staff are, by and large, good, dedicated people but they work in an organisation that has developed a lazy, sloppy culture".*
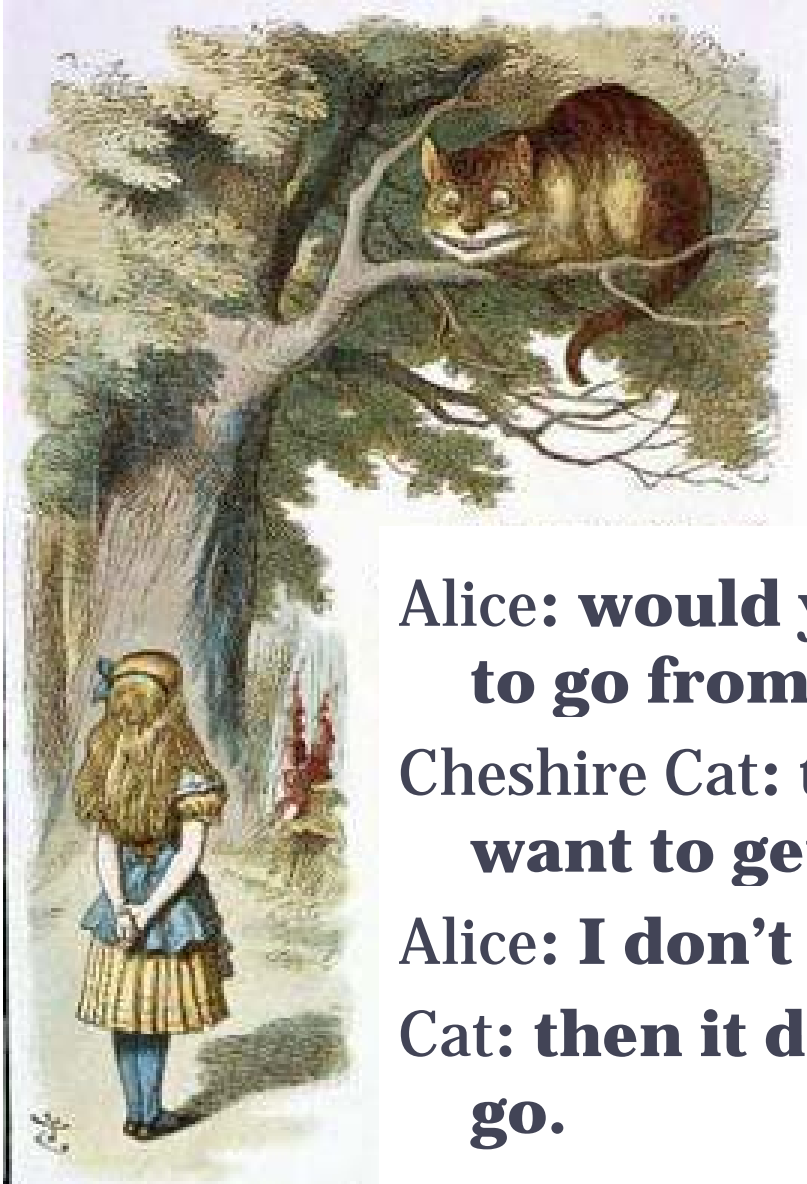
Alice: **would you tell me which way I ought to go from here?**

Cheshire Cat: **that depends on where you want to get to.**

Alice: **I don't much care where.**

Cat: **then it doesn't matter which way you go.**