

## MINUTES

SUBJECT	<b>Regional Transport Officers</b>
WHEN	Thursday 28 July 2005
WHERE	Greater Wellington Regional Council

## 1. Present

Casandra Smith	Auckland Regional Council
Mark Lambert	Auckland Regional Transport Authority
Ken McLeod	Auckland Regional Transport Authority
Garry Maloney	Environment Bay of Plenty
Barry Reid	Environment Bay of Plenty
David Stenhouse	Environment Canterbury
Noel Burnie	Environment Waikato
Sue Callis	Environment Waikato
Bill McMaster	Environment Waikato
Rob Braddock	Greater Wellington Regional Council
Anthony Cross	Greater Wellington Regional Council
Natasha Hayes	Greater Wellington Regional Council
Joe Hewitt	Greater Wellington Regional Council
Raymond Malcolm	Greater Wellington Regional Council
Rhona Nicol	Greater Wellington Regional Council
Dave Watson	Greater Wellington Regional Council (chair)
Liz Lambert	Hawkes Bay Regional Council
Renee Smith	Horizons Regional Council
Natasha Abram	Land Transport NZ
Maree Faid	Land Transport NZ
Michelle McCormick	Land Transport NZ
Mark Yaxley	Land Transport NZ
David Craig	Marlborough District Council
Glenda Spackman	Ministry of Transport
Glenn Mortimer	Northland Regional Council
Chris Powell	Northland Regional Council
Bruce Ramsay	Otago Regional Council
Gray Severinsen	Taranaki Regional Council
Jo Spencer	Taranaki Regional Council
Nichola Costley	West Coast Regional Council

## 2. Ministry of Transport

#### 2.1 Total Mobility review

Glenda Spackman gave a brief overview of this project. Over 400 submissions were received. The report is going to the Minister on Friday 5 August. No one is sure what will happen with the upcoming election.

#### 2.2 PT procurement review

Glenda gave an update on this review (attached).

#### 2.3 Cycling and walking strategies

Reena Kokotailo gave a presentation on cycling and walking strategies.

## 3. Buspod

Mark Hattersley and Richard Boag gave a presentation on this revolutionary public transport system (attached).

## 4. ONTRACK

David George, CEO of ONTRACK gave a presentation (attached).

## 5. Land Transport New Zealand

## 5.1 LTNZ restructure and PT procurement review

Michelle McCormick gave a brief overview of these topics (attached).

## 5.2 Patronage funding scheme

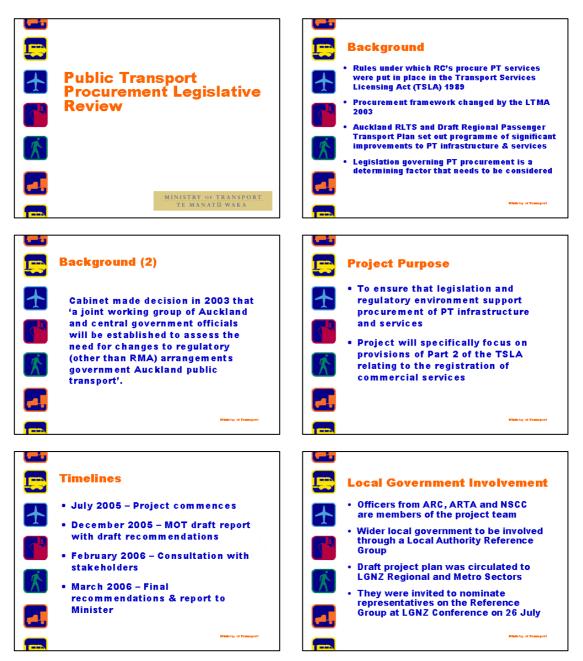
Natasha Abram gave a presentation about the phase in period (attached).

## 6. Human Rights Commission

David Peirse gave an update on the HRC investigation into accessible land transport (attached).

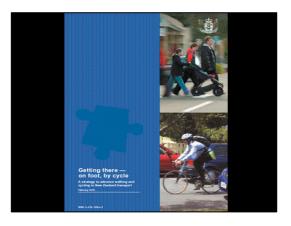
## 7. Next meeting

The next meeting will be hosted by Environment Canterbury near the end of the year.





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## VISION

A new Zealand where people from all sectors of the community walk and cycle for transport and enjoyment

## THREE GOALS

 Community environments and transport systems that support walking an cycling

 More people choosing to walk and cycle, more often \_\_\_\_\_

#### FOCUS ONE Strengthening foundations for effective action

 Encourage action for walking and cycling within an integrated, sustainable approach to land transport

2. Expand our knowledge and skill base to address walking and cycling

3. Encourage collaboration and coordination of efforts for walking and cycling

# FOCUS THREE

Influencing individual travel choices

- 7. Encourage positive attitudes towards and perceptions of walking and cycling as modes of transport
- 8. Encourage and support individuals in changing their travel choices



#### CONTEXT NZ Transport Strategy

#### Vision

By 2010, New Zealand will have an affordable, integrated, safe, responsive and sustainable transport system.

#### Five key objectives

Improving access and mobility

Protecting and promoting public health
ensuring environmental sustainability

assisting economic development

· assisting safety and personal security

# SIX KEY PRINCIPLES

 Walking and cycling - similar issues, but different modes with different needs

- Catering for diversity
- Important for all communities , critical in urban areas
  - Comprehensive approach required

· Safety needs to be integrated with promotion

· Needs of current users important

# FOCUS TWO

Providing supportive environments and systems

4. Encourage land use, planning and design that supports walking and cycling

5. Provide supportive environments for walking and cycling in existing communities

6. Improve networks for long-distance cycling

#### FOCUS FOUR Improving safety and security

9. Improving road safety for pedestrians and cyclists

10. Address crime and personal security concerns around walking and cycling









# NATIONAL FRAMEWORK

- Central co-ordination process, national advisory groups
- Annual national implementation plans
  - Performance indicators, regular monitoring & evaluation
  - Informed government investment
    Early emphasis on supporting
  - effective local action



- Cycling in Taranaki
- 2% of household travel trips
- .
- 3.4 m trips p.a.
- 880,000 hours p.a.



• Travel survey 1997/98 estimates





# Walking in Taranaki

- 25% of household travel trips
- 53.5 m trips p.a.
- 7.7 m hours p.a.

\* Travel survey 1997/98 estimates



"Isn't it nice to find a public transport system that is waiting for you, rather than you waiting for it"

Lord Mayor of Cardiff

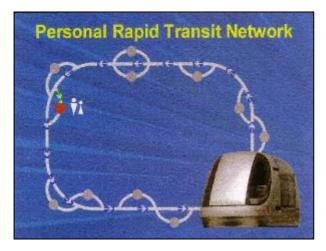
#### What's On The Wish List For A New Transportation System?

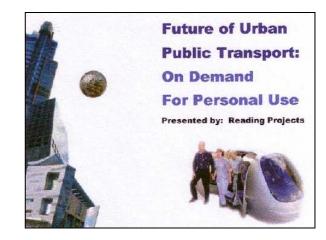
- > Integrate well with existing public transport
- > Public yet personal
- Direct to location no intermediate stops
- Available on demand no waiting time



## **Feasibility Studies Completed**

- ✓ 50 man years, 40 reports, 16 papers
- ✓ Analysis of transport needs
- Initial system design
- Detailed energy and emissions studies
- Comparison with previous systems
- ✓ Safety analysis
- ✓ Disabilities study
- System simulations and statistics
- Examination of planning issues
- Demand/modal split analysis
- ✓ Financial analysis





## International Research For Urban Light Transport

Over €16m in research from 16 organisations and 7 countries

**Research Objective:** 

To define a new urban transport system for the new century, both meeting future needs for flexible personal transport and being highly sustainable.

#### At the same time:

Reduce emission by a factor of 10
 Reduce energy use by a factor of 10
 Reduce congestion

## **New Urban Transport Solution**

- On demand driverless automatic taxis travelling via own network. 85% of passengers will have an immediate access even at peak times
- Immediate, personal, non-stop travel service
- > Three times quicker than bus, car or light rail
- Uses 50-80% less energy per passenger km than buses, cars, trains or light rail
- Is environmentally friendly zero pollution, quiet and efficient

## **Facts and Figures**

- > 2m U-form guide way
- > 25 cm deep at ground level
- > 45 cm deep elevated sections
- Elevated for street use
- > 800 kg Gross weight
- Each unit replaces 60 car
- journeys per day
- > Carries 4 passengers
- > Travels at 40 kph
- > Uses 2 kW continuous
- power



## Estimated Capacity

	Seats	Frequency	Seats per Hour
Bus	50	5 min	600
Light Rail	200	10 min	1,200
ULTra	4	3 sec	4,800
-	100	a de la companya de la	

## Urban Light Transport – Effective Solution for the Future

- Practical transport for everyday
- Safe for passengers & public
- Assists economic development
- Cost effective
- Improves access and mobility
- Environmentally sustainable



## **Viable Solution Working Already**

- > Two years of testing already completed
- > Test track with all city application features
- > Uses existing proven technologies
- > Environmental and safety concerns addressed
- Accessibility for special needs groups
- Intuitive understanding of use by general public
- Construction commences Cardiff, Heathrow Airport and Dubai soon
- > 9 other European cities are undertaking feasibility studies

#### **Many Benefits For All**

- ✓ Potential to take many cars off
- urban and city centre roads
- Improved city access for wheelchair users, bicycles, pushchairs, shoppers and people with luggage.
- ✓ Reduces congestion
- Increased effectiveness of trains and buses
- ✓ Makes park & ride
- concept viable
- Capacity to grow throughout the region

# **Other Potential Applications**

- Linking car parks to airport terminals
- Linking sports arenas to other forms of public transport
- · Linking car parks to tourist attractions
- Linking wineries
- Ski slopes to town centre/ accommodation
- · Hospitals to public transport centres

## What Does it Take?

- > \$12.5m per elevated km, \$7m per ground km
- Estimated \$50m for 6 km circuit (includes transport units, maintenance depots, offices)

#### **Financial Model**

- > Local / Regional / Land Transport NZ
- Station purchasers
- >Naming Rights
- > Advertising
- > Private investors



# **Immediate Funding**

- Feasibility study, in depth analysis est. 3 months - \$250,000
- Planning & Visualisation est. 9 months - \$750,000

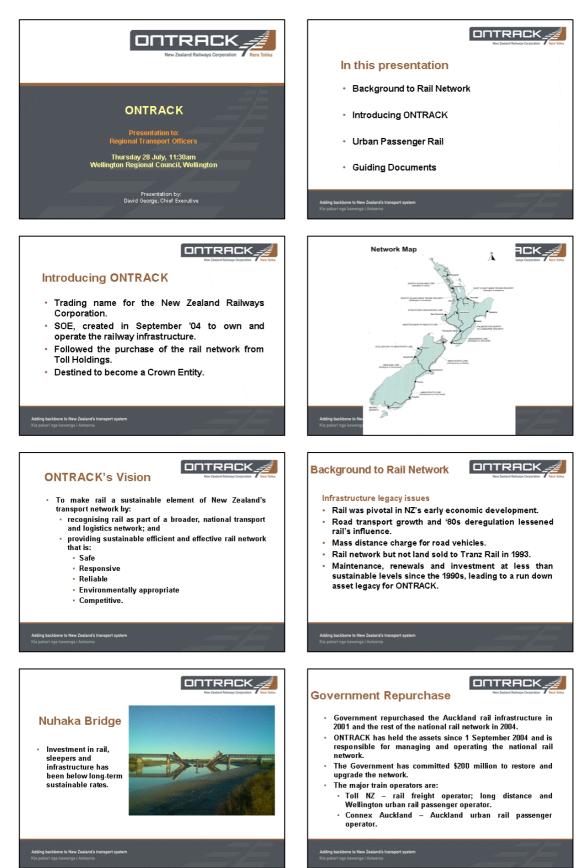


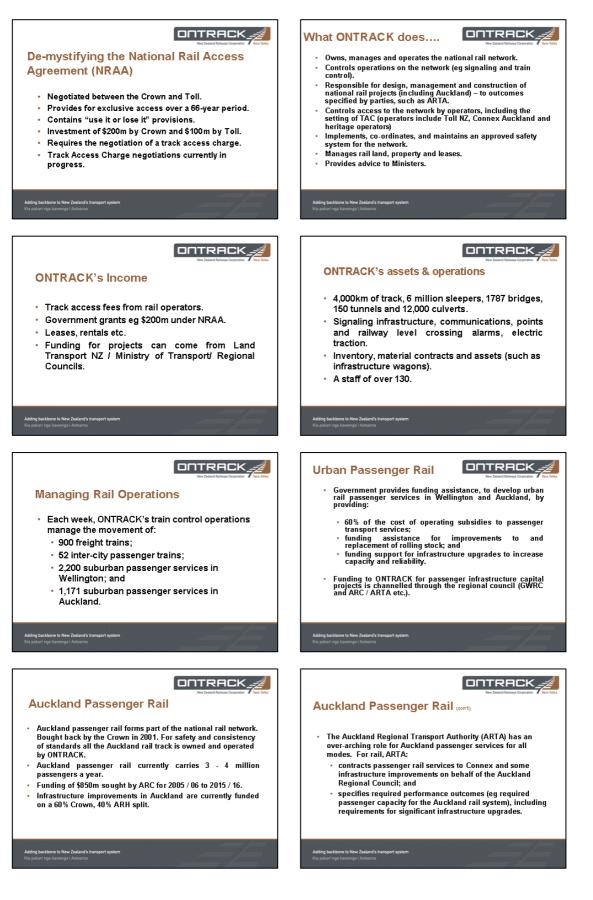
## Contact Reading Projects to Find Out More

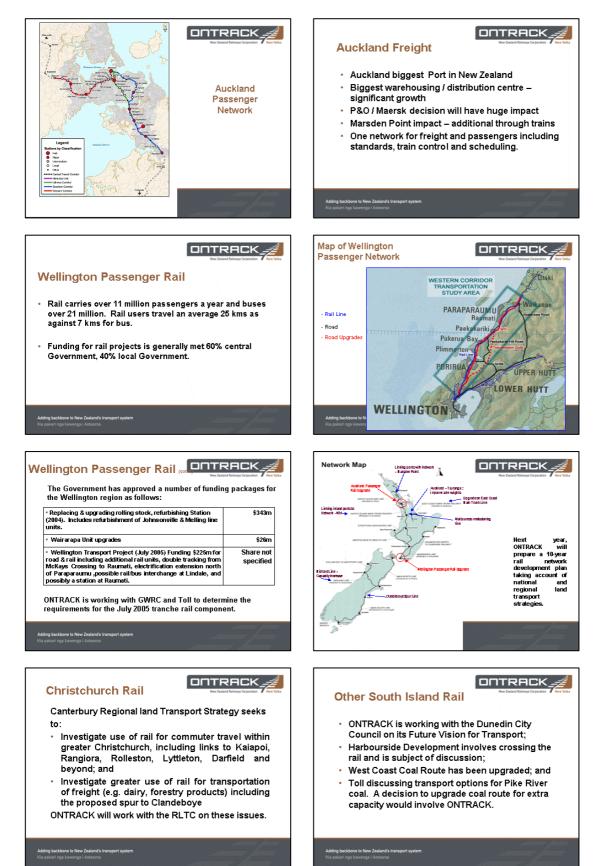
Richard Boag 021-522-257 rboag@cv2.co.nz Mark Hattersley 021-070-5547 pospods@kol.co.nz

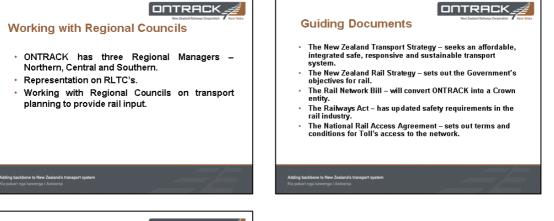
Reading Projects Private Box 5485 Wellington









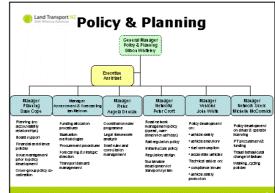


#### ONTRACK\_

#### Conclusion

A decade of under funding of rail infrastructure in New Zealand under private sector ownership is now being rectified. The legacy of maintenance, renewals and investment at less than sustainable levels will take some time to repair. ONTRACK, with Government support is poised to reverse this trend and lead to a renewal of rail in New Zealand.





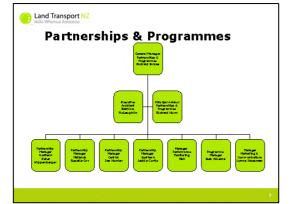
**Today's Presentation** 

• The Patronage Funding Scheme

Land Transport NZ's new

organisational structure

PT Procurement Review



#### **PT Procurement Review**

#### Context - 3 Reviews

- MoT review the need for any changes to regulatory arrangements in Auckland
- ARTA is reviewing its procurement processes
- Land Transport NZ PT Procurement Review

# Why The Land Transport NZ Review Now?

- Current CPPs based on Transit NZ Act
- All procurement procedures must be reviewed for fit with LTMA provisions

#### Land Transport NZ Board

- Consider PT hugely important & are very interested in PT procurement
- PT is a major lever in delivering NZTS and LTMA objectives
- Significant investment vital to establish the right environment

#### **Procurement Key Objectives**

- "To provide a good quality service for a fair price with a reasonable return to operators which meets the needs of communities"
- Contribute to the purpose of the LTMA & NZTS
   Objectives
- Maintain industry confidence

#### **Consultant Appointment Process**

#### EOI Issued April

- Excellent response
- 6 international consultants short listed for RFP stage RFP Closed 22 July
- Currently evaluating short list of 3 consultants will be invited to give a presentation on 9 August
- Board approval & appointment of consultant by end
   August

#### **Industry Involvement**

Consultation at several levels:

- Reference group
- (BCA steering group for stage 1 operator work)
- PTAG
- All Stakeholders

#### **Consultancy Advice**

#### To advise Land Transport NZ on:

- •Quality partnerships: models, establishing open and trusting relationships
- •Contract management and deployment
- Role of operator incentives
- •Business drivers and risks for operators financial and economic modelling

#### **Procurement Issues**

- Competition
- Commercial registrations
- Role of RLTS in planning services
- Gross v Net -Patronage data
- Operator incentives
- Contract Duration
- Contract size
- Variations over the life of a contract

#### **Reference Group**

#### Land Transport NZ

Simon Whiteley Michelle McCormick Peter Wright

Ministry of Transport Anatole Sergejew

#### **Regional councils**

Mark Lambert (ARTA) Rhona Nicol (GWRC) Wayne Holton-Jeffreys (ECan)

#### **Reference Group**

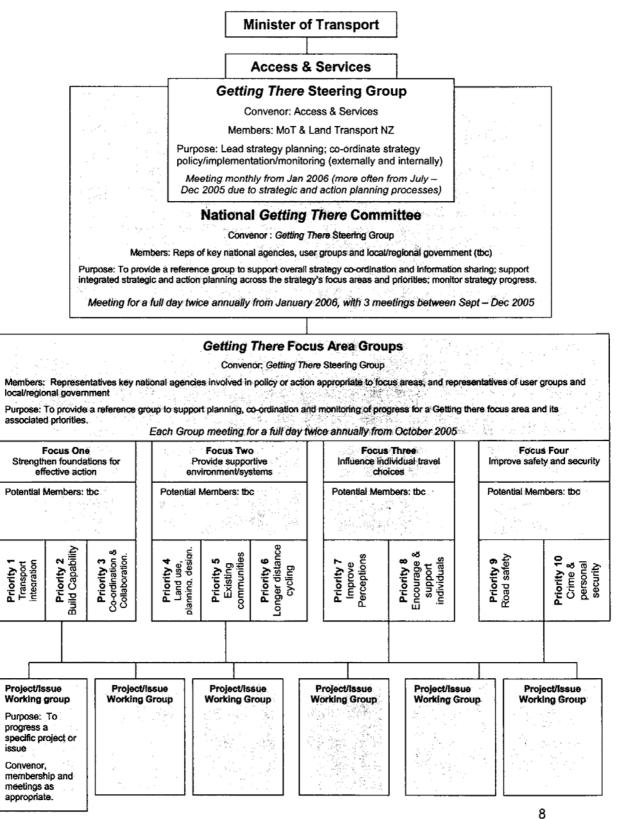
Territorial authorities

Roger Hill (NSCC) (replacement tbc) Bus and Coach Association John Collyns (BCA) Greg Campbell (Red Bus) Jo Copeland (Mana) Andrew Ritchie (Ritchies) Marine Transport Association Ian Turner (Fullers Ferries)

#### **Review Stages**

- •Stage 1 Research Operators' Business Drivers
- •Stage 2 Summarise International Best Practices
- •Stage 3 Research Current Issues & Test BP Options
- Stage 4 Develop Procurement Approach
- •Stage 5 Quality Partnership
- Stage 6 Implementation workshops etc





#### Getting there National Committees and Groups

