

Curriculum Vitae

JOHN APELBAUM

Position: Director – Apelbaum Consulting Group Pty Ltd
Date of Birth: 1 July, 1954
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Qualifications

**M Eng Sc (Transport) (Melb), BE (Civil) (Mon), Grad Dip Acctg (Mon),
FIE Aust, FCIT, CPEng**

- Masters of Engineering Science (Transportation Planning and Traffic Engineering), University of Melbourne, Australia, 1979;
- Bachelor of Civil Engineering (Civil), Monash University, 1976;
- Graduate Diploma in Business Accounting, David Syme Faculty of Business, Monash University, 1991;
- Doctoral Candidate, Department of Civil Engineering, Monash University.

Professional Affiliations

- Fellow, The Institution of Engineers, Australia, 1995;
- Fellow, The Chartered Institute of Transport and Logistics, 1995;
- Member, College of Civil Engineers, Institution of Engineers, Australia, 1995.

Professional Specialities

- Sustainable Transport and Climate Change;
- Strategic Planning;
- Projections and modelling;
- Transport Planning;
- Transport Economics and Investment;
- Advocacy and Investigation;
- Corporate advisory;
- Capital investment.

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Economic Sectors Served

- Transport. Within the transport sector, specialist expertise in;
 - Railways;
 - Road transport;
 - Shipping;
 - Ports and waterfront;
 - Pipelines.
- Agriculture;
- Mining.

Professional Appointments

- Managing Director, Apelbaum Consulting Group Pty Ltd (1989 to present);
- Chief Executive Officer, Centre for Transport, Energy and the Environment (2002 to 2009);
- Senior Consultant, Nelson English, Loxton and Andrews Pty Ltd (1987 to 1989);
- Manager, Planning and Business Development, Australia/New Zealand Liner Trades, Manager Corporate Planning and Development, Australia National Line (1985 to 1987);
- Transport Planner, Port of Melbourne Authority (1983 to 1985);
- Transport Engineer, Planning Division, Country Roads Board of Victoria (1982 to 1983);
- Policy Analyst, Coal Division, Shell Company of Australia (1981 to 1982);
- Senior Research Officer, Australian Railway Research and Development Organisation (1979 to 1981);
- Post Graduate Research Scholar, Department of Civil Engineering, University of Melbourne (1977 to 1979).

Current Board Appointments

- Director, Transport & Logistics Industry Skills Council Pty Ltd.

University Appointments

- Senior Research Fellow, Monash University (2009 to present);
- Adjunct Senior Research Fellow. University of South Australia (2005 to present);
- Visiting Member of Staff and Guest Lecturer at the Monash Mt Eliza Business School, Victoria (1989).

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Committee/Panel Appointments

- Member of the NSW National Emissions Trading Taskforce;
- Member of the Nour Group Expert Panel For Reducing Victoria's Greenhouse Gas Emissions;
- Member of the Victorian Freight And Logistics Strategy Expert Review Panel for the Victorian Department Of Infrastructure;
- Member of the Program Committee for the International Symposium on Automotive Technology and Automation;
- Member of the Bureau of Transport and Communication Economics working group on transport greenhouse gas emissions inventory;
- Member of the Society of Automotive Engineer's Energy and Environment Committee.

Speeches

- Ports Australia 41st Biennial Conference, 28-31 October 2008, Speech title: "Impacts from the Changing Fuel Environment on Industry", Brisbane, Australia;
- Australian Logistics Council Energy and Environment Summit, July 2008, Speech Title:"Industry Impacts from the Changing Fuel Environment";
- Asian Development Bank Transport Forum – Asia on the Move: Energy Efficient and Inclusive Transport, 9-12 September 2008, Manila, Philippines. Speech title "Methodologies: Australia Method Hierarchy";
- International Energy Agency and the International Transport Forum – New Energy Indicators for Transport: The Way Forward, 28-29 January, 2008, Paris, France. Speech Title "The Devil is in the Detail";
- ATA Australian Trucking Convention, 2003 - Speech Title "The Future Freight Task and Business Challenges";
- Bus Industry Council Convention, 2001 - Speech Title "The Impact of Buses on the Environment";
- Diesel Emissions Seminar, Parliament House, Canberra, 2001- Speech Title "Diesel Emissions and Trucking";
- ATA Australian Trucking Convention, 2001- Speech Title "The ATA Environmental Program";
- ATA Australian Trucking Convention, 2000 - Speech Title "Will Environmental Issues Kill the Trucking Industry";
- ATA/ARTSA Technical and Maintenance Conference, 1999 - Speech Title "Managing Environmental Issues";
- ATA Australian Trucking Convention, 1999 - Speech Title "Who Cares About The Environment";
- RTF/ARTSA Technical & Maintenance Conference, 1998 - Speech Title "Environment & Heavy Vehicles - Future Testing, Regulation & the Workshops Role";
- RTF Australian Trucking Convention, 1998 - Speech Title "How To Be Green And Competitive";
- National Freight Congress & Transport Expo, 1997 - Speech Title "Urban Freight - What's Needed for a Successful Operation";

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- Road Vs Rail, IBC Conference, 1997- Speech Title “Modal Competition”;
- National Road Transport Convention, 1996 - Speech Title “Leaner, Greener And Still In Business”;
- Proceedings of 21st Century Shipping, 1995 – Speech Title “The Impact of Reform on the Competitiveness of Australian Shipping”;
- Transport Safety Forum, IIR Conferences, 1995 - Speech Title “Key Issues In Maritime Safety And Maintenance”;
- Dairy Research and Development Corporation Program Workshop on Short Shelf Life Products - Speech Title “Impact Of Extending Shelf Life On Distribution Costs And Demand”;
- National RTF Convention, 1995 - Speech Title “Do Truckies Give A Damn About The Environment”;
- Aus-Ship '95, Australian Maritime College - Speech Title “Competitiveness Of Australian Shipping: Is Australian Shipping Internationally Competitive”;
- Maritime Law Association of Australia and New Zealand, Victorian Branch, 1994 - Speech Title “What's Wrong With Australian Shipping”;
- Energy Research and Development Corporation 1992 – Speech Title “Energy Consumption in Transport - Where To Now?”.

Publications and Conference Papers

- Apelbaum, J. (2009), “A Case Study in Data Audit and Modelling Methodology – Australia”, Energy Policy 37 pps 3714 -3732;
- Apelbaum J.P. (2000), “ Transport – What Can We Realistically Expect”, Proceedings of Greenhouse Gases – Meeting Our Bottom Line, Published by Australian Academy of Science ISBN 0858472163;
- Apelbaum, J.P. (1995)“The Impact Of Reform On The Competitiveness Of Australian Shipping” In the proceedings of the 1995 Twenty-First Century Shipping Symposium;
- Apelbaum, J.P. (1994),“Competitiveness Of Australian Shipping: Is Australian Shipping Internationally Competitive”. Published in "Aus-Ship '94" Seminar Proceedings, Australian Maritime College, pp 130-134;
- Apelbaum, J.P. and James, M.L. (1983), "Testing And Comparison Of Alternative Traffic Assignment Techniques For The Greater Melbourne Road Network" Eighth Australian Transport Research Forum Vol 2, pp 171-205, May 1983;
- Apelbaum, J.P. (1980), "Modelling Airport Ground Access" Proceedings 10th ARRB Conference 10 (5), pp 551-562 August 1980;
- Apelbaum, J.P. and Richardson, A.J (1978), "An Airport Ground Access Model" Australian Road Research Journal, June 1978, Vol B, No 2, pp 3-12;
- Apelbaum, J.P. and Richardson, A.J (1978), "Airport Access Volumes From Airline Schedules - A Discussion" American Society of Civil Engineers, Transportation Journal, Vol 104, Note 1, January 1978, pp 117-120.

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Books and Published Reports

- Apelbaum Consulting Group (2003-present), "Australian Rail Industry Report", Published annually by the Australasian Railway Association Inc;
- Apelbaum Consulting Group (2003-2009) "Australian Transport Facts", Prepared and published annually by the Apelbaum Consulting Group Pty Ltd;
- Apelbaum Consulting Group (2004), "Australian Rail – The 2004 Productivity Report", Published by the Australasian Railway Association Inc;
- Apelbaum Consulting Group (1996-2006), "Australian Maritime Transport", Published annually by the Australian Shipowners Association;
- Close, W.H. and Apelbaum J.P. (2001), "A Review of the Noise Related Australian Design Rules and Engine Brake Noise", Published by the National Road Transport Commission, ISBN 0642544816;
- Apelbaum Consulting Group (2001) "Australian Transport Facts 1998", Prepared and published by the Federal Department of Industry, Science and Resources, ISBN 0642721726;
- Cox, J. and Apelbaum J.P. (1999), "Existing Vehicle Characteristics and The Modelling of Transport Demand, Vehicle Populations and Emissions", Published by the National Environment Protection Council, ISBN 0642323151;
- Apelbaum, J.P. (1999), "Road Freight Environment and Greenhouse Challenge – Workbook", Published by the Australian Greenhouse Office and the Road Transport Forum;
- Apelbaum Consulting Group (1997) "Australian Transport Task, Energy Consumed and Greenhouse Gas Emissions", Vols A and B, Published by the Federal Department of Primary Industry, and Energy, ISBN 0642280762;
- Apelbaum Consulting Group (1993) "Australian Transport Task and the Primary Energy Consumed", Vols A and B, Published by the Federal Department of Primary Industry, and Energy;
- Apelbaum, J.P. (1992), "The Coalition's Goods and Services Tax and The Australian Shipping Industry", Occasional Paper No.7, Published by the Australian National Maritime Association.

Professional Assignments

- *Scoping of Improved Collection and Analysis of Transport and Climate Data in Asia (2009 onwards)*. For: Asian Development Bank;
- *Australian Rail Industry Report (2003 onwards)*. Produced annually for the Australasian Railway Association Inc;
- *Australian Transport Facts and Projections (2003-2009)*. Produced annually for the Department for Transport, Energy and Infrastructure; the Department of Innovation, Industry, Science and Research; Bureau of Infrastructure, Transport and Regional Economics; Road and Traffic Authority (NSW); Queensland Transport; the Australasian Railway Association Inc; the Department of Planning and Community Development; the Department of Sustainability and the Environment; the Department of Transport (Victoria); the Federal Chamber of Automotive Industries; and the NSW Ministry of Transport;
- *South Australian Transport Facts and Projections (2003-2009)*. Produced annually for the Department for Transport, Energy and Infrastructure, South Australia;
- *New South Wales Transport Facts and Projections (2003-2009)*. Produced annually for the Ministry of Transport and the NSW Road and Traffic Authority;

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- *Victorian Transport Facts and Projections (2003-2009)*. Produced annually for the Department of Planning And Community Development and the Department of Sustainability and the Environment;
- *Queensland Transport Facts and Projections (2003-2009)*. Produced annually for the Queensland Transport;
- *Australian Road Transport Facts and Projections (2003-2008)*. Produced annually for the Federal Chamber of Automotive Industries;
- *Australian Rail Transport Facts and Projections (2003-2008)*. Produced annually for the Australasian Railway Association Inc;
- *Workforce Participation in Australian Transport and Logistics (2008)*. For: Australian Logistics Council;
- *Emission Trading Costs To The Rail And Road Industries (2008)*. For: Australasian Railway Association Inc;
- *TEMV Design (2008)*. For: Victorian Department of Transport;
- *Energy Performance Of Rail Transport (2007)*. For: Queensland Rail;
- *Contribution of Transport and Logistics To The Economy – Dispelling The Myths (2007)*. For: Australian Logistics Council;
- *Benchmark Tables (2007)*. For: Railcorp, NSW;
- *GHG Emission Projections from the Transport Sector – The 2007 Update (2007)*. For: Department of the Environment and Water Resources;
- *MUA Shipping and Emissions Project (2007)*. For: The Australia Institute Ltd;
- *Australian Maritime Transport (annual 1989 - 2006)*. For: Australian Shipowners Association Ltd;
- *Australian Rail – The 2005 Productivity Report (2005)*. For: Australasian Railway Association Inc;
- *Projections of Domestic Transport Activity, Fuel Consumed and Greenhouse Gas Emissions 2004 - 2020 (2005)*. For: Australian Greenhouse Office;
- *Australian Rail Facts (2004)*. For: National Transport Commission;
- *Technical Assessment of a Round Three Proposal for The Greenhouse Gas Abatement Program (GGAP) (2004)*. For: Australian Greenhouse Office;
- *Aggregate Emissions Data – Queensland Pilot (2004)*. For: Federal Department of the Environment and Heritage;
- *Road Transport Emissions and Activity In South Australia – Past, Present and Future (2004)*. For: Transport SA;
- *Victorian Freight And Logistics Strategy (VFLS) – Strategic Advisor (2004)*. For: Victorian Department Of Infrastructure;
- *Aircraft LTO Analysis (2003)*. For: Australian Greenhouse Office;
- *Air Freight Export Analysis - A Preliminary Overview (2003)*. For: Victorian Department of Infrastructure;
- *Projections of Domestic Transport Activity, Fuel Consumed and Greenhouse Gas Emissions 2001 - 2020 (2003)*. For: Australian Greenhouse Office;
- *The Impact Of Australian Shipping On The Economy (2003)*. For: Australian Shipowners Association;
- *Performance Indicators for Commercial Vehicle Operations (2002)*. For: VicRoads;

Curriculum Vitae

- *Review of Air, Sea and Rail Freight Transport Statistics (2002)*. For: SA Department For Transport, Urban Planning and the Arts;
- *Technical Assessment of Alternative Rail Proposal (2002)*. For: Australian Greenhouse Office;
- *Inquiry into Diesel Use And Taxation (2002)*. For: The Bureau Of Transport And Regional Economics;
- *Projections of NOx and PM₁₀ Emissions For NSW (2002)*. For: NSW Road Traffic Authority;
- *Environmental Impact Of Victorian Freight And Logistics (2002)*. For: Victorian Department Of Infrastructure;
- *Seafarers Compensation (2002)*. For: Australian Shipowners Association Ltd and Australian Mines And Metals Association;
- *Manning Analysis (2002)*. For: Department of Transport And Regional Services;
- *National Environment Protection Measure for Diesel Vehicle Emissions (2001)*. For: Australian Trucking Association;
- *A Review Of The Noise Related Australian Design Rules And Engine Brake Noise (2001)*. For: National Road Transport Commission;
- *The Diesel And Alternative Fuel Grant Scheme (DAFGS) (2001)*. For: Australian Trucking Association;
- *Environmental Performance Indicators (2001)*. For: VicRoads;
- *Truck Industry Response To Diesel NEPM (2001)*. For: Australian Trucking Association;
- *Victorian Greenhouse Strategy - Assessment of Policy and Program Options (2001)*. For: Greenhouse Policy Unit, Victorian Department of Natural Resources And Environment;
- *Review Of The Travel Smart Abatement Program (2001)*. For: Steer Davies Gleave;
- *Victorian Channel Widening (2001)*. For: The Victorian Channels Authority;
- *The Impact Of Australian Shipping On The Economy (2001)*. For: Australian Shipowners Association;
- *Environmental Policy for Australian Trucking (2000)*. For: Australian Trucking Association;
- *Australian Road Transport (2000)*. For: Mobil Oil Australia Pty Ltd;
- *Stage One Technical Assessment Of Round One Proposals For The Greenhouse Gas Abatement Program (GGAP) (2000)*. For: Australian Greenhouse Office;
- *Alternative Transport Fuels And The Australia Post Fleet (2000)*. For: Australia Post;
- *Indicators Of Transport Activity, Energy And Emissions (2000)*. For: Federal Department of Industry, Science and Resources;
- *Energy Efficiency Of The Victorian Government Passenger Fleet (2000)*. For: Sustainable Energy Victoria;
- *Vehicle Emissions (2000)*. For: Australia Post;
- *Diesel Energy Grants (2000)*. For: Australian Trucking Association;
- *The 1999 AMSA Price Index (1996 to 2000)*. For: Australian Maritime Safety Authority;
- *Strategic Directions For Australian Shipping (2000)*. For: Australian Shipowners Association Ltd;
- *Material Spares For Railway Infrastructure Maintenance Contract (1999)*. For: Indec Consulting and Fluor Daniel;
- *Trucking Productivity And The Environment - Letting The Facts Tell The Story (1999)*. For: Australian Trucking Association;

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- *Indicators Of Transport Activity, Energy And CO₂ Emissions (1999)*. For: Federal Department Of Primary Industries And Energy;
- *Diesel Fleet Characteristics (1999)*. For: National Environment Protection Council;
- *Environmental Management Manual (1999)*. For: Australian Trucking Association;
- *Waste Disposal Guidelines For The Road Freight Industry (1999)*. For: Australian Trucking Association;
- *The South Australian Transport Task, Primary Energy Consumed And Emissions (1999)*. For: Transport SA, Environmental Protection Authority SA and the Office Of Energy Policy;
- *Australian Shipping - Not Just Worth Keeping, Worth Growing (1999)*. For: Australian Shipowners Association;
- *Manning Strategies For Offshore Crews (1999)*. For: P & O Australia;
- *Australian Shipping Reform (1999)*. For: Australian Shipowners Association Ltd and the Federal Government;
- *Strategic advice regarding the fiscal performance of the BHP fleet (1999)*. For: BHP Transport Pty Ltd;
- *Road Freight Noise - Practical Guidelines, Initiatives and Future Directions (1998)*. For Australian Trucking Association;
- *Road Freight Environment and Greenhouse Challenge Workbook And Quick Reference Guide (1998)*. For: Australian Trucking Association and the Greenhouse Challenge Office;
- *Performance Indicators for Road Transport Demand, Fuel And Emission Efficiency - A Methodological Framework (1998)*. For: The RTA NSW;
- *The NSW Road Task, Energy Consumed and Emissions (1998)*. For: The Roads and Traffic Authority, NSW;
- *The Queensland Transport Task, Primary Energy Consumed And Emissions (1998)*. For: Queensland Transport, Department of Main Roads, Queensland Rail and the Department of Environment;
- *A Comparison Of Australian And Overseas Shipping Costs - The 1998 Update (1998)*. For: Australian Shipowners Association Ltd;
- *Facts On Australian Shipping (1998)*. For: Australian Shipowners Association Ltd.
- *Comparative Resource Consumption (1997)*. For: ARRB Transport Research Ltd;
- *Recovery Of Road Infrastructure Costs (1997)*. For: Coachtrans Australia;
- *The Australian Rail Task, Energy Consumed and Greenhouse Gas Emissions - Marshalling The Facts (1997)*. For: Queensland Rail;
- *Review Of ADR 70/00 and 30/00 (1997)*. For: Road Transport Forum;
- *Environmental Performance Measures (1997)*. For: Department of Transport - Western Australia;
- *The Australian Transport Task And The Primary Energy Consumed - The 1994/95 Update (1997)*. For: DPIE, BTCE, ANGVC, SA Mines and Energy, AAA, Commonwealth Department of Transport and Regional Development, RTF, ASA, RTA (NSW) and the Department of Transport (SA);
- *Commercial Indicators For Commercial Vehicle Operations (1997)*. For: VicRoads;
- *Forecasts Of Levies From Coastal Shipping (1997)*. For: Australian Maritime Safety Authority;
- *Coastal Shipping Services In PNG (1997)*. For: BHP Transport Pty Ltd;
- *Preliminary Assessment Of Indonesian Vessel Costs (1997)*. For: BHP Transport Pty Ltd;

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- *Australian Trucking And The Environment - Dispelling The Myths (1996)*. For: Road Transport Forum;
- *The Development of Natural Gas Vehicles In Victoria - Future Directions (1996)*. For: Gas and Fuel;
- *Australian Trucking and the Environment - Dispelling The Myths (1996)*. For: Road Transport Forum;
- *A Public Refuelling Network for Natural Gas Vehicles In Victoria - An Initial Market Assessment (1996)*. For: Gas and Fuel;
- *An NGV Refuelling Network for Victoria - A Financial Assessment (1996)*. For: Gas and Fuel;
- *Revenue Forecasting - Future Directions (1996)*. For: Australian Maritime Safety Authority;
- *Impact of Removing The Capital Grant And PAYE Provisions On Vessel Costs (1996)*. For: Australian Shipowners Association Ltd;
- *The 1996 Australian Shipping Industry Report (1991 to 1996)*. For: Australian Shipowners Association Ltd;
- *Victorian Port Reform (1995 and 1996)*. For: Office Of State Owned Enterprises;
- *Impact Of Alternative Shipping Reform Measures On Consolidated Revenue (1996)*. For: BHP Transport Pty Ltd;
- *The Impact of Distribution Costs On The Competitiveness Of Tasmanian Processed Vegetables (1995)*. For: Tasmanian Agrifood Consultative Group;
- *A National Body for The Australian Natural Gas Vehicle Industry - An Initial Market Assessment (1995)*. For: The Australian Gas Association NGV Steering Committee;
- *A National Body for The Australian Natural Gas Vehicle Industry - The Way Ahead (1995)*. For: The Australian Gas Association NGV Steering Committee;
- *A Comparison of New Zealand and Overseas Shipping Costs - International Shipping (1995)*. For: New Zealand Shipping Federation;
- *Replacement of Tonnage (1995)*. For: Australian Petroleum Pty Ltd;
- *Proposed Fiscal Arrangements For New Zealand Shipping (1995)*. For: New Zealand Shipping Federation;
- *International Performance Indicators - Coastal Shipping Update (1995)*. For: Bureau Of Industry Economics;
- *Investment in The Port Of Melbourne (1995)*. For: Fletcher Challenge;
- *The Development of the Pt Lillias Chemical Storage Facility (1995)*. For: Fletcher Challenge;
- *Incorporation of the Australian Natural Gas Vehicles Coalition (1995)*. For: Establishment Committee - Australasian Natural Gas Vehicle Council;
- *A National Body for the Australian Natural Gas Vehicle Industry - The Way Ahead (1995)*. For: The Australian Gas Association;
- *A National Plan for Natural Gas Vehicles (1994)*. For: The Australian Gas Association NGV Steering Committee;
- *Assessment of NGV Markets In Victoria - Trucks And Light Commercial Vehicles (1994)*. For: The Gas and Fuel Corporation of Victoria;
- *Capital Budgeting Model (1994)*. For: Australian Gas Association NGV Steering Committee;
- *State Business Plans for Natural Gas Vehicles (1994)*. For: The Australian Gas Association, Allgas, Gas and Fuel, AGL and SAGASCO;
- *Australian and Overseas Cost Structures - International Shipping (1994)*. For: The Australian Shipowners Association Ltd and the Shipping Industry Reform Authority;

Curriculum Vitae

- *Cost Analysis (1994)*. For: New Zealand Shipping Federation;
- *Trans Tasman Shipping Study (1994)*. For: Swan Consultants (Canberra) Pty Ltd;
- *The 1994 Australian Dry Bulk and Liner Shipping Review (1994)*. For: CSR Shipping;
- *The 1994 Australian Tanker Industry Review (1994)*. For: Mobil Oil Australia and Caltex Tanker Company;
- *Comparative Cost of Interstate Rail and Shipping Services (1993)*. For: Inter Continental Group;
- *Value of Extended Shelf Life for Short Shelf Life Products (1992/93)*. For: Dairy Research and Development Corporation;
- *Market Research for Natural Gas Vehicles (1993)*. For: The Australian Gas Association NGV Steering Committee;
- *The Australian Transport Task And The Primary Energy Consumed - The 1990/91 Compendium (1993)*. For: DPIE, AAA, ESAA, BTCE, AIP;
- *Impact of Alternative Siting Options on Road Transport Costs - A Preliminary Assessment (1992)*. For: Coode Island Review Panel;
- *Comparative Costs of International Shipping (1993)*. For: Australian National Line Ltd;
- *International Manning Costs (1993)*. For: Australian Shipowners Association Ltd;
- *Input/Output of Australian Shipping (1993)*. For: Australian Shipowners Association Ltd;
- *Overview of International Shipping Freight Rates (1993)*. For: Australian Shipowners Association Ltd;
- *A Comparison of Australian and Overseas Cost Structures For Coastal Shipping (1993)*. For: Bureau of Industry Economics;
- *Overseas Seamen Awards (1993)*. For: Australian Shipowners Association Ltd;
- *Fiscal Policy for Australian Shipping (1992)*. For: Australian Shipowners Association Ltd;
- *Review of Shipping Performance (1992)*. For: CSR Limited, Shell Company of Australia Ltd and Ampol Petroleum (Qld) Pty Ltd;
- *Impact of Tax Free Reserve on Sale Of Vessel (1992)*. For: Australian Shipowners Association Ltd;
- *Removal of Payroll and PAYE Tax For International Vessels On Government Receipts (1992)*. For: Australian Shipowners Association Ltd;
- *ANL and The Current Account (1992)*. For: Australian National Line Ltd;
- *The Coalition's Goods And Services Tax And The Australian Shipping Industry (1992)*. For: Australian Shipowners Association Ltd;
- *Impact of Alternative Strategies for Bulk Chemical Storage on Maritime Costs - A Preliminary Assessment (1992)*. For: Coode Island Review Panel;
- *BP Retonnaging Options (1992)*. For: BP Australia Ltd;
- *Overview of International Shipping Subsidies and Assistance (1992)*. For: Australian Shipowners Association Ltd;
- *Prospective Takeover of Ancillary Transport Company (1992)*. For: National Terminals (Australia) Limited;
- *Port Leasing Policies (1992)*. For: National Terminals (Australia) Pty Ltd.
- *Determining the Costs of Transporting, Handling and Storing Australian Meat and Live-Stock (1991)*. For: Australian Meat and Livestock Research and Development Corporation;
- *Movement of Wool Product (1991)*. For: The Hamilton Regional Development Board;

Curriculum Vitae

- *Primary Energy Consumed by Australian Transport - The 1987/88 Review (1991)*. For: Energy Research and Development Corporation;
- *International and Domestic Freight Rate Trends (1990)*. For: Australian Shipowners Association Ltd;
- *International Trade Assessment and Future Business Directions (1990)*. For: Australian National Line Ltd;
- *The NSW Terminals - Strategy to 2000 (1989)*. For: National Terminals (Australia) Ltd;
- *Strategic Review of Freight Forwarding Capability (1989)*. For: Australian National Shipping Agencies Pty Ltd;
- *Impact of ANL on the Balance of Payments (1989)*. For: Australian National Line Ltd;
- *Macro Economic Impact of Australian Shipping (1989)*. For: Australian Shipowners Association Ltd;
- *Coal Terminals (1989)*. For: Inter-State Commission;
- *Overview of the Newstead and Fisherman Islands #3 Terminals (1989)*. For: National Terminals (Australia) Ltd;
- *The NSW Terminals - Strategy to 2000 (1989)*. For: National Terminals (Australia) Ltd;
- *Westernport Development (1989)*. For: Westernport Development Council;
- *Port of Melbourne's New Pricing Structure (1989)*. For: Stevedoring Consortium;
- *Financial Evaluation of Major Terminal Development (1989)*. For: National Terminals;
- *Short Term Business Plan (1989)*. For: Australian National Shipping Agencies Pty Ltd;
- *Strategic Review of Freight Forwarding Capability (1989)*. For: Australian National Shipping Agencies Pty Ltd;
- *Plant Layout and Productivity (1989)*. For: Sheppard Textiles Pty Ltd;
- *National Freight Forwarding and Consolidation Services for the Movement of Lead, Zinc and Sulphide (1988)*. For: AM & S Metals Pty Ltd;
- *Consumption of Transport Energy in Australia (1988)*. For: Department of Primary Industry and Energy;
- *Australian Coastal Freight Rates (1988)*. For: Australian Shipowners Association Ltd;
- *International and Domestic Shipping Freight Concessions (1987)*. For: Australian National Line Ltd;
- *Vessel Re-Tonnaging Evaluations (1987)*. For: Australian National Line Ltd;
- *Rationalisation Program (1987)*. For: Australian National Line Ltd;
- *International Shipping Joint Venture (1987)*. For: Australian National Line Ltd;
- *Webb Dock Terminal (1987)*. For: Australian National Line;
- *Divisional and Corporate Restructuring (1987)*. For: Australian National Line Ltd;
- *Alternative Transport Strategies for Alcoa Aluminium Ex Portland (1985/86)*. For: Australian National Line Ltd;
- *Development of Business Performance Indicators (1987)*. For: Australian National Line Ltd.
- *Rationalisation Program (1987)*. For: Australian National Line Ltd;
- *International Shipping Joint Venture (1987)*. For: Australian National Line Ltd;
- *Shipping Industry Videotex Service (1987)*. For: Australian National Line;
- *Freight Forwarder Acquisition (1986/87)*. For: Australian National Line Ltd;

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- *Implementation of Marketing Planning in ANL (1986/87)*. For: Australian National Line Ltd;
- *Stevedoring Car Carriers (1986)*. For: Australian National Line;
- *Adelaide Terminal Development (1986)*. For: Australian National Line;
- *Transportation of Australian Export Produce (1985)*. For: Australian National Line Ltd;
- *Development of a Packaged Financial Application Software (1986)*. For: Australian National Line Ltd;
- *Development and Implementation of Corporate Plans (1985/86)*. For: Australian National Line Ltd;
- *Floating Crane (1985)*. For: Port of Melbourne Authority;
- *First Call Fees at Webb Dock (1985)*. For: Australian National Line;
- *Review of Berth Facilities (1985)*. For: Port of Melbourne Authority;
- *First Call Fees (1984/85)*. For: Port of Melbourne Authority;
- *West Swanson Dock (1984)*. For: Port of Melbourne Authority;
- *East Swanson Dock Berth Allocation (1984)*. For: Port of Melbourne Authority;
- *17 Victoria Dock Container Crane (1984)*. For: Port of Melbourne Authority;
- *Common User Stacking Facilities (1983)*. For: Port of Melbourne Authority;
- *Australian Export Steam Coal Supply (1982)*. For: The Shell Company of Australia Ltd;
- *Port Constraints in Exporting Australian Thermal Coal (1982)*. For: The Shell Company of Australia Ltd.

Clients Served

- ACIL Tasman Pty Ltd;
- AGL Sydney Limited;
- Allgas;
- Ampol Petroleum (Qld) Pty Ltd;
- AM & S Metals Pty Ltd;
- ARRB Transport Research Ltd;
- Asian Development Bank;
- Australasian Natural Gas Vehicle Council;
- Australasian Railway Association Inc;
- Australia Institute;
- Australia Post;
- Australian Agency For International Development;
- Australian Automobile Association;
- Australian Gas Association;
- Australian Greenhouse Office;
- Australian Institute Of Petroleum;
- Australian Logistics Council;
- Australian Maritime Safety Authority;
- Australian Mines And Metals Association;
- Australian National Line Ltd;
- Australian National Shipping Agencies Pty Ltd;
- Australian Petroleum Pty Ltd;
- Australian Shipowners Association Ltd;

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- Australian Trucking Association;
- BHP Transport Pty Ltd;
- BP Australia Ltd;
- Bureau Of Industry Economics;
- Bureau Of Transport And Communications Economics;
- Bureau Of Infrastructure, Transport And Regional Economics (new name 2008);
- Bureau Of Transport And Regional Economics (name prior to 2008);
- Bus Industry Confederation;
- Caltex Tanker Company;
- City Of Waverley;
- Coachtrans Australia;
- Conaust Limited;
- Coode Island Review Panel;
- CRT Group;
- CSR Limited;
- Daimler Chrysler Australia/Pacific Pty Ltd;
- Dairy Industry Association Of Australia;
- Dairy Research And Development Corporation;
- Department Of Climate Change;
- Department Of Energy, Utilities and Sustainability – New South Wales;
- Department Of Environment And Climate Change, NSW;
- Department Of Environment And Water Resources;
- Department Of Industry, Tourism And Resources;
- Department Of Infrastructure – Victoria;
- Department Of Planning And Community Development;
- Department of Sustainability and the Environment;
- Department Of Transport And Regional Services;
- Department for Transport, Energy And Infrastructure - South Australia;
- Department Of Transport - Western Australia;
- Department of Transport (Victoria);
- Department for Transport, Energy and Infrastructure;
- Electricity Supply Association Of Australia Ltd;
- EnergyConsult Pty Ltd;
- Energy Research And Development Corporation;
- Environment Australia;
- Environment Protection Authority - South Australia;
- Environment Protection Authority – Victoria;
- Federal Chamber of Automotive Industries;
- Federal Department Of the Environment And Heritage;
- Federal Department Of Housing And Regional Development;
- Federal Department Of Industry, Tourism And Resources;
- Federal Department Of Primary Industries And Energy;
- Federal Department Of Transport And Regional Services;
- Federal Department of Innovation, Industry, Science and Research;
- Federal Department of the Environment and Water Resources;
- Fletcher Challenge;
- Fluor Daniel Pty Ltd;
- Gas And Fuel Corporation Of Victoria;
- George Wilkenfeld And Associates Pty Ltd;

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- Greenhouse Challenge Office;
- Hamilton Regional Development Board;
- Indec Consulting;
- Institute of Energy, Australia;
- Inter Continental Group;
- International Greenhouse Partnerships Office;
- Inter-State Commission;
- LEK;
- Meat Research Corporation;
- Melbourne University Private Ltd;
- Ministry Of Transport NSW;
- Monash Mt Eliza Business School;
- Mobil Oil Australia Pty Ltd;
- National Environment Protection Council;
- National Rail Corporation Pty Ltd;
- National Road Transport Commission;
- National Terminals (Australia) Limited;
- National Transport Commission;
- New Zealand Shipping Federation;
- Nous Group;
- Office Of Energy Policy - South Australia;
- Office Of State Owned Enterprises;
- Port of Melbourne Authority;
- P & O Australia;
- Queensland Rail;
- Queensland Transport;
- Railcorp, NSW;
- Road Transport Forum;
- Roads and Traffic Authority, NSW;
- SA Mines And Energy;
- Shell Company Of Australia Ltd;
- Sheppard Textiles Pty Ltd;
- Shipping Industry Reform Authority;
- South Australian Gas Company Limited;
- Steer Davies Gleave;
- Sustainable Energy Victoria;
- Swan Consultants (Canberra) Pty Ltd;
- Tasmanian Agrifood Consultative Group;
- Trans Ocean Terminals;
- Union Shipping Australia;
- VicRoads;
- Victorian Channels Authority;
- Victorian Department Of Natural Resources And The Environment;
- Victorian Road Freight Advisory Council;
- Victorian Road Transport Association;
- Western Port Development Council Inc.