

Part 3 Reference Information

References

- Adaptation and Grain Policy Directorate (2001) Bi-weekly Bulletin,
www.agr.ca/policy/winn/biweekly/English/biweekly/volume12/v12n18e.htm
- ADEPT (1998) ARB LPG fuel blends evaluation project, May 1998 Progress Report,
Report to ARB LPG Fuels Blends Evaluation Project Task Group, Los
Angeles, CA.
- Ahlvik, P. J. E. and A. R. L. Brandberg (2000) Relative Impact on Environment and
Health from the introduction of Low Emissions City Buses in Sweden.
Stockholm, Ecotraffic.
- Algas Carburetion, Handbook
- Andrew, F. (2001) Scania Data from Asia Pacific NGV Summit, April 2001
(Australasian Natural Gas Vehicle Council Attachment 3)
- ANGVC (2000) Euro2 & Beyond Review, South Melbourne, Vic: Natural Gas
Vehicles Council. 64p.
- ANGVC (2001) Submission to Australian Greenhouse Office Consultancy Project:
Comparison of Transport Fuels Stage 2, 29 April 2001, Melbourne,
Australasian Natural Gas Vehicles Council.
- Anthony, L. (2001) Personal communication, Alternative Technology Association
- Anthony, L. and S. Cornish (2001) ATA's Biodiesel Project Background on biodiesel,
Alternative Technology Association 2001.
- Anyon P. (1998) Liquefied Petroleum Gas as an Automotive Fuel, Redfern, NSW,
Australian Liquefied Petroleum Gas Association.
- APACE. (1992) New technology for ethanol production: its use as a transport fuel,
presented to the Department of Arts Sports Environment and Territories, 25
February 1992. APACE Research Ltd.
- APACE Research Ltd (1999) Optimisation of Ethanol and Ignition Improver Content
of Diesohol to reduce Diesel Engine Exhaust Emissions, Report on ERDC
Project No. 2538.
- Apelbaum Consulting Group. (1997) The Australian transport task, energy consumed
and greenhouse gas emissions. Barton, ACT: Dept. of Primary Industries and
Energy. 2 v.
- Arcoumanis, C. (2000) A technical study on fuels technology related to the Auto-Oil
II Programme, (Volume II: Alternative Fuels) Final Report prepared for the
European Commission Director-General for Energy
- Armstrong, S.R. (2000) Ethanol, its use in gasoline: expected impacts and comments
of expert reviewers, Report to the Renewable Fuels Association, Cambridge,
MA: Cambridge Environmental Inc., 22p.
- Australian Bureau of Agricultural Research Economics (2000) Australian Crop
Report No. 114.
- Australian Bureau of Agricultural Research Economics (2000) Grains Access 2000 -
In Ag Access,
- Australian Bureau of Agricultural Research Economics (2001) Australian
Commodities Forecasts and Issues Outlook 2001 March Quarter. Canberra.
- Australian Bureau of Statistics, A. (1996) Australians and the Environment.
- Australian Greenhouse Office (1999) Alternative Fuels Program – Issues Paper,
Commonwealth of Australia, Canberra,
- Australian Institute of Petroleum. (1997) Refinery Product Characteristics.
Melbourne: Australian Institute of Petroleum.

Part 3 Reference Information

- Australian Molasses Trading Pty Ltd (2001) Product Quality,
<http://www.ausmolasses.com.au/product.htm>
- Bates, J., Brand, C., Davison, P., Hill, N. (2001) Economic Evaluation of Sectoral Emissions Reduction Objectives for Climate Change – Economic evaluation of emissions reductions in the transport sector of the EU – Bottom-up analysis, Updated final report to DG Environment of the European Commission by Ecofys Energy & Environment, AEA Technology Environment and National Technical University of Athens, 86 p. Available as at 28 August 2001 at [http://europa.eu.int/comm/environment/enveco/climate_change/transport_update.pdf]
- Battelle (2000) Dallas Area Rapid Transit (DART) LNG Bus Site, Final Data Report for National Renewable Energy Laboratory, Battelle, Columbus, Ohio.
- Beer, T (editor) (2000) Air Pollution and Health Risk, CSIRO & Clean Air Society of Australia and New Zealand, Melbourne, 116p.
- Beer, T., Grant, T., Brown, R., Edwards, J., Nelson, P., Watson, H. and Williams, D. (2000) Life-cycle emissions analysis of alternative fuels for heavy vehicles, Report C/0411/1.1/F2 to the Australian Greenhouse Office, CSIRO Atmospheric Research
[<http://www.greenhouse.gov.au/transport/pdfs/lifecycle.pdf>]
- Bioalcohol Fuel Foundation (2000) 2000, <http://www.baff.nu/english/start.cfm>
- Bisby, J. (1993) Health Watch – The Australian Institute of Petroleum Surveillance Program – Ninth Report 1992, Department of Public Health and Community Medicine, University of Melbourne.
- Boström, C.E., Camner, P., Egebäck, K.E., Ewetz, L., Ljungquist, S., Omstedt, G., Pettersson, L., Törnqvist, M., Westerholm, R. (1996) Health risk assessment of ethanol as a bus fuel, Report 1996:19, KFB-Kommunikationsforskningsberedningen, Stockholm. 72 p.
- Boustead, I. (1993) Eco-Profiles of the European Plastics Industry: Report 2 Olefin Feedstock Sources: European Centre for Plastics in the Environment (PWMI) and Association of Plastics Manufacturers in Europe (APME),
- Boustead, I. and Hancock, G.F. (1979) Handbook of industrial energy analysis. Chichester : Ellis Horwood. 422 p.
- Brasil, T. (1999) Exhaust emissions test results from a 1998 Ford F-150 LPG/gasoline bi-fueled light-duty truck using six LPG fuel blends: a report to the LPG Task Group, Air Resources Board. Sacramento, CA.: California Air Resources Board
[http://arbis.arb.ca.gov/altfuels/lpg/mvlpge/LDV_Rpt.htm]
- Brown, S., Kadayifci, M., Bryett, C. and Pengilley, M. (1999) Diesel emissions reduction project. (Report ; MV-A-38) Lidcombe, NSW: NSW Environment Protection Authority.
- BTCE – see Bureau of Transport and Communications Economics.
- Buckmann, M. and van Malsen, A. (1997) Biodiesel: a climate-friendly auto fuel? Greenhouse Issues, (31) [<http://www.ieagreen.org.uk/july31.htm#Biodiesel>]
- Bureau of Transport and Communications Economics (Australia) (1994) Alternative fuels in Australian transport. (Information Paper; 39) Canberra: AGPS. 325 p.
- Bureau of Transport and Communications Economics (Australia) (1995) Greenhouse gas emissions from Australian transport: long-term projections. (Report 88) Canberra: AGPS. 273 p.
- CADDET (1997) LPG engine for bus transport in the Netherlands, Result 223, (NL 97.50 1/4 x coo) Bittard, The Netherlands, IEA Centre for Analysis and Dissemination of Demonstrated Energy Technologies.

Part 3 Reference Information

- CADDETT (1998) Ethanol-powered buses in Skaraborg, Technical Brochure No. 91, CADDETT, Oxford. Available at www.caddet-re.org/assets/no91.pdf
- California Air Resources Board (2000) Toxic Air Contaminant Fact Sheets, California Environment Protection Authority. www.arb.ca.gov/toxics/tac/tac.htm.
- Cannon, J.S. and Sun, C. (2000) Bus Futures: new technologies for cleaner cities, New York, NY: INFORM Inc. (see ww.informinc.org)
- Canola Council of Canada (2001) Canola seed and oil processing, Canola Council of Canada. 2001, www.canola-council.org/pubs/oilkit.htm
- CARB (1998) Proposed determination pursuant to health and safety code section 43830(g) of the ozone forming potential of elevated RVP gasoline containing 10 percent ethanol, California Air Resources Board, November 1998.
- Carnovale, F., Alviano, P., Carvalho, C., Deitch, G., Jiang, S., Macaulay, D. and Summers, M. (1991) Air emissions inventory Port Phillip control region: planning for the future. (Scientific Series; SRS 91/001) [Melbourne]: Environment Protection Authority. 181 p.
- Ceuterick, D. and C. Spirinckx (1999) Comparative LCA of Biodiesel and Fossil Diesel Fuel, VITO (Vlaamse Instelling voor Technologisch Onderzoek), Mol, Belgium. 73 p.
- Chang D.Y. and Gerpen J.H. van (1998) Determination of particulate and unburned hydrocarbon emissions from diesel engines fueled with biodiesel, SAE Technical paper series 982527, 15 p.
- Clements, L. D. (1996) Blending rules for formulating biodiesel fuels, available at: <http://www.biodiesel.org/reports/GEN-277.pdf>
- Coffey (2000) Review of fuel quality requirements for Australian transport, Report to Environment Australia, 2 Volumes available at www.environment.gov.au/epg/fuel/transport.html
- Cole, A.R.H, Watts, D.W., Bucat, R.B. (1978) Chemical Properties and Reactions University of Western Australia Press, Perth.
- Collison, C.E., Bechtold, R.L. and Gibbs, J.L. (1997) Maryland mass transit demonstration of liquefied natural gas transit buses, SAE 971666, Warrendale, PA: Society of Automotive Engineers.
- Coombs, B. (1994) Australian grains : a complete reference book on the grains industry. Camberwell, Vic., Morescope Publishing Pty. Ltd.
- Cope, M.E. and Katzfey, J.J. (1998) Air quality impact of the Perth bus fleet (revised) / prepared for the Western Australia Department of Environment Protection and Western Australia Department of Transport. (SB/1/376) Aspendale: CSIRO Atmospheric Research. iii, 37 p.
- Corinair Expert Group. (1994-1995) CORINAIR. Technical annexes volume 2: Default emission factors handbook. (EUR 13232/EUR 12586) Brussels, Belgium: European Commission, Directorate-General, Environment, Nuclear Safety and Civil Protection.
- CRC (1999) Summary report on the Ninth On-Road Vehicle Emissions Workshop, sponsored by the Coordinating Research Council (CRC), April 1999, <http://www.crcao.com/crcwebpage/reports/recent%20studies/9onroad%20workshop%20summary.pdf>
- Davies, G. (1999) Refinery operation. Paper presented at: Fuel Quality Workshop, Melbourne. Canberra: Environment Australia.
- Dixon, T. F., Hobson, P.A., Joyce, J.A., Pohl, J.H., Stanmore, B.R. and Spero, C. (1998) Electricity co-generation and greenhouse gas abatement in the sugar

Part 3 Reference Information

- industry. Brisbane, Australia, Unpublished report by the Queensland Biomass Energy Group.
- Duffy B.L. Nelson P.F. Ye Y. and Weeks I.A. (1999) Speciated hydrocarbon profiles and calculated reactivities of exhaust and evaporative emissions from 82 in-use light-duty Australian vehicles. *Atmospheric Environment* **33**, 291-307.
- Duke, J. A. (1983) Handbook of Energy Crops, unpublished, (available from http://www.hort.purdue.edu/newcrops/duke_energy/dukeindex.html)
- Durbin, T.D., Collins, J.R., Norbeck, J.M. and Smith, M.R. (2000) Effects of biodiesel, biodiesel blends, and a synthetic diesel on emissions from light heavy-duty diesel vehicles. *Environmental Science and Technology*, 34 (3): 349-355.
- EcoRecycle Victoria (Undated) Why Moreland City Council's Meal on Wheels Kitchen Investigated Waste, www.ecorecycle.vic.gov.au
- Ecotec Research and Consulting Ltd (1999) Financial and Environmental Impact of Biodiesel as an Alternative to Fossil Diesel in the UK, Report for the British Association for Bio Fuels and Oils (BABFO), Spalding Lincolnshire, 20 p.
- Eggleston, S., Gaudisio, D., Gorissen, N., Joumard, R., Rijkeboer, R.C., Samaras, Z. and Zierock, K.H. (1993) CORINAIR Working Group on Emission Factors for calculating 1990 emission from road traffic. Vol 1: Methodology and emission factors. (Final Report, Document of the European Commission) Brussels: Office for Official Publications of the European Communities.
- Electricity Supply Association of Australia (2000) Electricity Australia 2000. Melbourne,, Electricity Supply Association of Australia.
- Environment Australia (1999) National Pollutant Inventory Emission Estimation Technique Manual for Combustion in Boilers. Canberra
- Energy Technology Support Unit. (1996) Alternative road transport fuels: a preliminary life-cycle study of the UK. (ETSU Report; R92) London: HMSO.
- Environment Australia (1999a) National Pollutant Inventory Emission Estimation Technique Manual for Combustion in Boilers. Canberra, 1999.
- Environment Australia (1999b) National Pollutant Inventory Emission Estimation Technique Manual for Petroleum Refining. Canberra, 1999.
- Environment Australia (2000a) Setting National Fuel Quality Standards Paper 2 *Proposed Standards for Fuel Parameters (Petrol and Diesel)*, Canberra: Environment Australia, 111 p.
- Environment Australia (2000b) Setting National Fuel Quality Standards *Proposed Standards for Fuel Parameters (Petrol and Diesel)* Revised Commonwealth Position, Canberra: Environment Australia, 13 p.
- Environment Australia (2000c) State of Knowledge Report: Air Toxics and Indoor Air Quality in Australia. Canberra.
- Environment Australia (2001) National Pollutant Inventory - Substance Information, Environment Information. www.npi.ea.gov.au.
- Environment Protection Authority (New South Wales) (1997) Proposed Clean Air (Motor Vehicles and Motor Vehicle Fuels) Regulation 1997, NSW Environment Protection Authority, Chatswood, NSW, 79pp.
- Environment Protection Authority (New South Wales) (1999) Regulation and Impact Statement – New Australian Design Rules for control of vehicle emissions. Sydney: EPA NSW
- Environment Protection Authority (Victoria) (1991) A comparative study of greenhouse gases and air pollutants from petrol fuelled vehicles and vehicles

Part 3 Reference Information

- using natural gas, automotive diesel fuel or liquefied petroleum gas.
Melbourne: EPA Victoria.
- Ericson, M. and Odehn, G. (1999) A life-cycle assessment on ethanol fuel from wine – a study on present ethanol fuel for buses including comparisons to diesel, natural gas and ethanol from wheat or wood, Master of Science Thesis, Chemical Engineering, Chalmers University of Technology, Gothenburg, Sweden.
- Eriksson, E., Blinge, M. and Lovgren, G. (1996) Life-cycle assessment of the road transport sector. *Science of the Total Environment*, **190**: 69-76.
- Expert Reference Group (Western Australia) (1998) Euro 2 & Beyond: fuel for Transperth's bus fleet. Perth, WA: The Group. 80p.
- Faiz, A., Weaver, C.S. and Walsh, M.P. (1996) Air pollution from motor vehicles: standards and technologies for controlling emissions. Washington, DC: The World Bank. 246 p.
- Franke, B. and Reinhardt, G. (1998) Ecological impacts of biofuels in Europe, Paper presented to International Liquid Biofuels Congress, Curitiba, Brazil.
- Foran, B. and Mardon, C. (1999) Beyond 2025: Transitions to a biomass-alcohol economy using ethanol and methanol, Report for the National Dryland Salinity Program of the Land and Water Resources Research and Development Corporation, Working Paper Series 99/07, CSIRO Wildlife and Ecology, Canberra. 109 p.
- Gammie, M. D. (2001) Program Leader, Agricultural Systems, NSW Agriculture.
- General Motors Corporation (2001) well-to-wheel energy use and greenhouse gas emissions of advanced fuel/vehicle systems – North American analysis, General Motors Corporation Report.
(<http://www.transportation.anl.gov>)
- Graedel, T.E. and Allenby, B.R. (1995) Industrial ecology. Prentice Hall: Englewood Cliffs, NJ. xix, 412 p.
- Graham, D. (2000) NEBUS. The first fuel cell powered bus from DaimlerChrysler, CD-ROM of presentation made on 29 March 2000.
- Grant, T. (1999) Life Cycle Inventory of Polyethylene Production in Australia. Unpublished report from the Australian Life-Cycle Assessment Data Inventory Project. Melbourne, Centre for Design, RMIT and the CRC for Waste Management and Pollution Control.
- Grant, T. (2000) "Life-Cycle Assessment of Energy Supply in Australia" Symposium on LCA for APEC Member Economies. Epochal Tsukuba, Tsukuba, Japan.: National Institute for Resources and Environment, 2000. 117-20.
- Greene, D.L. (1999) An assessment of energy and environmental issues related to the use of gas to liquid fuels in transportation, Report ORNL/TM-1999/258, Oak Ridge, TN: Oak Ridge National Laboratory, 69p.
(<http://www-cta.ornl.gov/Publications/ornl-tm-1999-258.pdf>)
- Greening, P. (2000) European vehicle emission legislation – present and future, *Proc. 15th International Clean Air and Environment Conference*, 26-30 November 2000, Sydney, 2 p. 1-14.
- Greening, P. (2001) European vehicle emission legislation – present and future, *Clean Air and Environmental Quality*, **35** (2), 28-36.
- Gonzalez-Gomez, M.E., Howard-Hildige, R., Leahy, J.J., O'Reilly, T., Supple, B. and Malone, M. (2000) Emission and performance characteristics of a 2 litre Toyota diesel van operating on esterified waste cooking oil and mineral diesel fuel, *Environmental Monitoring and Assessment*, **65**, 13-20.

Part 3 Reference Information

- Harold Haskew & Associates (2001) Emission effects (permeation) of ethanol in gasoline. Harold Haskew & Associates Inc. 2001 (<http://www.arb.ca.gov/cbg/meeting/2001/053101Pmtn.pdf>).
- Health and Environment Impact Assessment Panel Report (1997) Joint Industry/Government Study - Sulphur in Gasoline and Diesel Fuels, Health Canada.
- Health Effects Institute (1999) The health effects of fine particles: Key questions and the 2003 review. Cambridge MA, Health Effects Institute.
- Hearn, D. (1995) Health risks due to motor vehicle emissions in Melbourne. *Clean Air*, **29** (2): 37-44.
- Hemmerlein, N., Korte, V., Richter, H. and Schroder, G. (1991) Performance exhaust emissions and durability of modern diesel engines running on rapeseed oil. SAE Technical Paper; 910848 Detroit, MI: International Congress and Exposition.
- Hendren F (1983), LPG power for Light Duty Vehicles: An Overview, S.A.E Paper No. 830383
- IEA (1997) LNG Full Fuel Cycle: Emissions & Private Costs, Report No. PH2/12. October 1997.
- IEA Automotive Fuels Information Service. (1999) Automotive fuels for the future: the search for alternatives. Paris: International Energy Agency. 92 p.
- IEA Automotive Fuels Information Service. (1996) Automotive fuels survey: Volume 1: Raw materials and conversion. Netherlands: Innas BV.
- IEA Automotive Fuels Information Service. (1996) Automotive fuels survey: Volume 2: Distribution and use. Netherlands: Innas BV.
- IEA Automotive Fuels Information Service. (1998) Automotive fuels survey: Volume 3: Comparison and selection. Netherlands: Innas BV.
- IEA Automotive Fuels Information Service. (1999) Automotive fuels survey: Volume 4: Innovations or illusions. Netherlands: Innas BV.
- IEA Automotive Fuels Information Service. (1999) Automotive fuels survey: Volume 5: Mobile machinery: Sector analysis. Netherlands: Innas BV.
- International Agency for Research and Cancer (1987) IARC Monograph on the Evaluation of the Carcinogenic Risks to Humans. Overall Evaluations of Carcinogenicity: An Updating of IARC Monographs Volumes 1 to 42, Suppl 7., WHO.
- International Standards Organisation (1997) ISO 14040 Environmental Management Standard- Life-Cycle Assessment, Principles and Framework. Sydney., Australian Standards - Published as AS 14040: 1998.
- International Standards Organisation (1998) ISO 14041 Environmental Management Standard- Life-Cycle Assessment-Goal and Scope Definition and Inventory Analysis. Sydney., Australian Standards - Published as AS 14041: 1999.
- International Standards Organisation (2001) ISO 14042 Environmental Management Standard- Life-Cycle Assessment -Life Cycle Impact Assessment. Sydney., Australian Standards - Published as AS 14042: 2001.
- International Standards Organisation (2001) ISO 14043 Environmental Management Standard- Life-Cycle Assessment - Life Cycle Interpretation. Sydney., Australian Standards - Published as AS 14043: 2001.
- Joseph, S. (1996) Testing of diesohol fuel buses: synthesis report on the field trials undertaken by ACTION. The laboratory tests undertaken by the N.S.W. EPA and analysis of the program by APACE Research. Canberra: Dept. of the Environment, Sport and Territories. 31 p.

Part 3 Reference Information

- Kadam, K.L., Camobreco, V.J., Glazebrook, B.E., Forrest, L.H., Jacobson, W.A., Simeroth, D.C., Blackburn, W.J. and Nehoda, K.C. (1999) Environmental life-cycle implications of fuel oxygenate production from California biomass: technical report life-cycles. (Report; NREL/TP-580-25688) Golden, CO: National Renewable Energy Laboratory.
[<http://www.ott.doe.gov/biofuels/pdfs/body.pdf>]
- Kadayifci, M.Z. and Bryett, C. (1997) Exhaust and noise emission testing of CNG and diesel fuelled buses, Report for ACTION, Lidcombe, NSW: NSW Environmental Protection Authority Motor Vehicle Testing Unit.
- Kaltschmitt, M. and Reinhardt, G.A., ed. (1997) *Nachwachsende Energieträger: Grundlagen, Verfahren, ökologische Bilanzierung* (Biofuels: Basics, processes, ecological balances) Braunschweig: Vieweg. 527 p.
- Kaltschmitt, M., Reinhardt, G.A. and Stelzer, T. (1996) LCA of biofuels under different environmental aspects. In: *Proceedings of the 9th European Bioenergy Conference*, Copenhagen. Oxford: Pergamon/Elsevier.
- Karim G.A. (1983), Some Considerations of the Safety of Methane, (CNG), as an Automotive Fuel-Comparison with Gasoline, LPG and Hydrogen operation, SAE Paper.No 830267
- Karim G.A. and I. Wierzba I. (1983), Comparative Studies of Methane and LPG as Fuels for Spark Ignition and Compression Ignition Engines, SAE Paper No. 831195
- Khatib, E.E (1987) The design of driving cycles and their application to heavy duty vehicle energy analysis. Report T81/86, Department of Mechanical and Manufacturing Engineering, University of Melbourne.
- Khatib, E.E. and Watson, H.C. (1986) A simplified model for heavy vehicle performance and fuel consumption. 11th Australian Transport Research Forum, Darwin, 2:160-180 pp
- Krahl, K., A. Manack, et al. (1996) Utilization of rapeseed oil, and rapeseed oil methyl ester or diesel fuel: Exhaust gas emissions and estimation of environmental effects. *Topics and Alternative Fuels and Their Emissions*: 311-330.
- Kuhlwein, J. and Freidrich, R. (2000) Uncertainties of modelling emissions from road transport, *Atmospheric Environment*, **34**, 4603-4610, 2000
- Landgrebe, J. (1994) The environmental risks of biofuels. Presented at: Biofuels in Europe, Tours, France.
- Lenzen, M. (1999) Total requirements of energy and greenhouse gases for Australian transport. *Transportation Research Part D: Transport and Environment*, **4** (4): 265-290.
- Leung, D.Y.C. and Williams, D.J. (2000), Modelling of motor vehicle fuel consumption and emissions using a power-based model, *Environmental Modelling and Assessment*, **65**, 21-29.
- Levelton Engineering Limited (2000) The role of petroleum based and alternative fuels in reducing emissions in the APEC region. Singapore, APEC Expert Group on Clean Fossil Energy.
- Los Angeles County Metropolitan Transportation Authority (1999) Fuel Strategies for Future Bus Documents, Draft Report by Transit Operations Department, Los Angeles.
- Louis, J.J.J. (2001) Well-to-wheel energy use and greenhouse gas emissions for various vehicle technologies, SAE paper 2001-01-1343, Warrendale, PA: Society of Automotive Engineers.

Part 3 Reference Information

- Lovelace Respiratory Research Institute (2000) Tier 2 testing of biodiesel exhaust emissions, Final Report FY98-056 to National Biodiesel Board, Lovelace Respiratory Research Institute, Albuquerque, New Mexico.
- Lyford Pike, E. (2001) Emissions, 22-3-01, Australasian Natural Gas Vehicle Council Attachment 4a.
- Lynd, L.R. (1996) Overview and evaluation of fuel ethanol from cellulosic biomass: technology, economics, the environment and policy, *Annual Reviews of Energy and the Environment*, **21**, 403-465.
- Manins, P. C. (1992) Clean air: an oxymoron? *Search*, **23** (10): 305-307
- Manins, P.C., Holper, P., Allan, R., Suppiah, R., Walsh, K., Fraser, P. and Beer, T. (2001) The Atmosphere: State of the Environment Report 2001, Canberra: Environment Australia.
- Mann, P. (1998) The production and use of ethyl esters from vegetable oils. In: International Liquids Biofuels Congress proceedings, Curitiba, Parana, Brazil. Jefferson City, MO: National Biodiesel Board.
[http://biodiesel.org/ilbc/mann/Paul_Mann.html]
- Månsson, T. (1997) Bio-based fuels for buses, lorries and cars. CADDET Energy Efficiency Newsletter, (3): 4-6. [http://www.caddet-ee.org/newsdesk/nw397_01.htm]
- Marshall, G., Andrews, S., Carter, M. and Dispain, G. (1999) Comprehensive product stewardship system (CPSS) for waste cooking oil. Canberra: Environment Australia, Dept of Environment.
- Marty, M. (2000) Risk assessment of air toxics in California, *Proc. 15th International Clean Air Conference*, 438-443, Clean Air Society of Australia & New Zealand, Mitcham, Vic.
- Matravers, L., J. Bridgeman, et al. (2000) Inquiry into the emergence and identification of Bovine Spongiform Encephalopathy (BSE) and variant Creutzfeldt-Jakob Disease (vCJD) London, Return to an Order of the Honourable the House of Commons. Volume 13: Industry Processes and Controls - Rendering.
- Maynard, R. L. and R. Waller (1999) Carbon Monoxide. Air Pollution and Health, S. T. Holgate, J. M. Samet, H. S. Koren and R. L. Maynard. London, Academic Press.
- MacLean, H.L. (1998) Life cycle models of conventional and alternative-fueled automobiles, PhD Thesis, Engineering and Public Policy and Civil and Environmental Engineering Departments, Carnegie Mellon University, Pittsburgh, PA.
- MacLean, H.L. and Lave, L.B. (2000) Environmental implications of alternative fuelled automobiles: air quality and greenhouse gas tradeoffs, *Environmental Science & Technology*, **34**, 225-231 (plus supporting information available from <http://pubs.acs.org>)
- MacLean, H.L. et al. (2000) A Life-Cycle Comparison of Alternative Automobile Fuels, *Journal of the Air and Waste Management Association*, **50**, 1769-1779, 2000.
- Meat and Livestock Australia (2000) Co-Products Market Report. Sydney.
- Meat and Livestock Australia (2001) Co-Products. 2001.
<http://www.mla.com.au/content.cfm?sid=32>
- Meier, F., Köhler, J., Stolz, W., Bloss, W.H. and Al-Garni, M. (1994) Cycle-resolved hydrogen flame speed measurements with high-speed schlieren technique in a

Part 3 Reference Information

- hydrogen direct injection SI engine, SAE paper 942036, SAE, Warrendale, USA.
- Methanex (1999) CO₂ emissions from Methanol Production, Methanex
- Mittelbach, M. (1998) The Importance of Diesel Fuel Substitutes from Non-Edible Seed Oils. International Liquids Biofuels Congress proceedings, Curitiba, Parana, Brazil. Jefferson City, MO: National Biodiesel Board.
[http://biodiesel.org/ilbc/mittelbach/Martin_Mittelbach.html]
- Molina, M. J., L. T. Molina, et al. (2000) Integrated Strategy for Air Management in the Mexico City Metropolitan Area. Cambridge MA, Massachusetts Institute of Technology.
- Morawska, L., Ristovski, Z., Ayoko, G., Jayaratne, R., and Liu, M. (2001) Report of a short investigation of emissions from diesel vehicles operating on low and ultra low sulphur content fuel, Report to BP Australia, Environmental Aerosol Laboratory, Brisbane: Queensland University of Technology.
- Morgan, D and Sissine, F. (1995) Hydrogen: Technology and Policy, Report for Congress, Congressional Research Service, Committee for the National Institute for the Environment, Washington, DC. available at
www.cnie.org/nle/eng~4.htm
- Motta, R., Norton, P., Kelly, K., Chandler, K., Schumacher, L. and Clark, N. (1996) Alternative fuel transit buses: final results from the National Renewable Energy Laboratory Vehicle Evaluation Program. (Report; NREL/TP-425-20513) Golden, CO: National Renewable Energy Laboratory. 40 p.
[<http://www.afdc.doe.gov/pdfs/transbus.pdf>]
- MVV InnoTec GmbH (2000) Natural Gas Vehicles for European Cities, Brussels: European commission Directorate-General of Energy and Transport. 44p.
- National Environment Protection Council (Australia) (1998) Ambient air quality: National Environment Protection Measure and revised impact statement for ambient air quality. Adelaide, SA: National Environment Protection Council. 178 p. [http://www.nepc.gov.au/air/air_nepm.6.98.html]
- National Environment Protection Council (2000) Report of the Risk Assessment Taskforce. Adelaide, National Environment Protection Council.
- National Environment Protection Council (2001) Impact Statement for the Draft National Environment Protection (Diesel Vehicle Emissions) Measure. Adelaide, National Environment Protection Council.
- National Greenhouse Gas Inventory Committee (Australia) (1996) Energy: workbook for fuel combustion activities (stationary sources): Australian methodology for the estimation of greenhouse gas emissions and sinks. (National Greenhouse Gas Inventory Committee, Workbook; 1.1) Canberra: Dept. of the Environment, Sport and Territories. x, 85. p.
[<http://www.greenhouse.gov.au/inventory/archive/natmethod/energy1/energy1.html>]
- National Greenhouse Gas Inventory Committee (Australia) (1996) Fugitive Fuel Emissions (Fuel Production, Transmission, Storage and Distribution) : Australian methodology for the estimation of greenhouse gas emissions and sinks. (National Greenhouse Gas Inventory Committee, Workbook; 2.1, Rev. 1) Canberra: Dept. of the Environment, Sport and Territories. x, 85. p.
[<http://www.greenhouse.gov.au/inventory/archive/natmethod/energy1/energy1.html>]
- National Greenhouse Gas Inventory Committee (Australia) (1996) Energy: workbook for transport (mobile sources): Australian methodology for the estimation of

Part 3 Reference Information

- greenhouse gas emissions and sinks. (National Greenhouse Gas Inventory Committee. Workbook; 3.1) Canberra: Dept. of the Environment, Sport and Territories. xi, 65 p.
[<http://www.greenhouse.gov.au/inventory/archive/natmethod/energy3/energy3.html>]
- National Greenhouse Gas Inventory Committee (Australia) (1998) Australian methodology for the estimation of greenhouse gas emissions and sinks (8 workbooks) [Canberra]: Dept. of the Environment, Sport and Territories. 8 v.
[http://www.greenhouse.gov.au/inventory/methodology/method_content.html]
- National Greenhouse Gas Inventory Committee (Australia) (1999) National greenhouse gas inventory 1997: with methodology supplements. Canberra, ACT: Australian Greenhouse Office. xxxi, 202. p.
[http://www.greenhouse.gov.au/inventory/inventory/inv_content.html]
- National Greenhouse Gas Inventory Committee (Australia) (2000) National greenhouse gas inventory 1998: with methodology supplements. Canberra, ACT: Australian Greenhouse Office. xxxi, 202. p.
[http://www.greenhouse.gov.au/inventory/inventory/inv_content.html]
- National Science and Technology Council (1997) Interagency assessment of oxygenated fuels, Washington DC: Executive Office of the President.
- Natural Resources and Environment.,
www.nre.vic.gov.au/web/root/domino/cm_da/NRECTI.nsf/
- Nigge K.-M. (2000) Life cycle assessment of natural gas vehicles, Berlin: Springer Verlag, 165p.
- NGGIC – See National Greenhouse Gas Inventory Committee.
- NHT (2000) Setting national fuel quality standards: proposed standards for fuel parameters (petrol and diesel) – revised Commonwealth position, National Heritage Trust, September 2000.
- Nolan-ITU Pty Ltd. (in association with SKM Economics and EnvirosRIS), 2001: Independent assessment of kerbside recycling in Australia, Volume 1, Revised Final Report to the National Packaging Covenant Council, Notlan-ITU Pty Ltd., Manly, NSW. 93pp+appendices.
- Norton P., Vertin, K., Bailey, B., Clark, N.N, Lyons, D.W., Goguen, S. and Eberhardt, J. (1998) "Emissions from Trucks using Fischer-Tropsch Diesel Fuel", SAE 982526 (available on the web as at 29 May 2001 at www.osti.gov/hvt/982526.pdf)
- Norton, R. (2000) Canola Oil and Protein - Can you have both. 2001,
http://www.grdc.com.au/growers/res_upd/south/00/horsham/S_HORSHAM_21_02_00_P110.htm
- NPGA # 1331, Commercial / Industrial LPG Guide
- NRC (1991) Rethinking the ozone problem in urban and regional air pollution. National Research Council, Washington, 500 pp.
- NRC (1999) Ozone-forming potential of reformulated gasoline, Committee on Ozone-Forming Potential of Reformulated Gasoline, National Research Council, 212 pages, 1999.
- NSW Workcover Authority (1999) Optimisation of Ethanol and Ignition Improver Content in Diesohol to Reduce Diesel Engine Exhaust Emissions - Appendix C: Workcover Diesohol Exposure Report, Apace Research Limited.

Part 3 Reference Information

- NSW EPA (1997) Motor vehicle pollution in Australia Supplementary Report No.1 – LPG In-Service Vehicle Emissions Study, Report prepared for Environment Australia and the Federal Office of Road Safety, Canberra, Australia.
- Nylund, N.O and Lawson, A. (2000) Exhaust emissions from natural gas vehicles, Report prepared for the IANGV Technical Committee, [www.iangv.org/html/sources/sources/reports/IANGVC REP part 1 final.pdf](http://www.iangv.org/html/sources/sources/reports/IANGVC%20REP%20part%201%20final.pdf)
- Office of Environmental Health Hazard Assessment (1998) Part B: Health Risk Assessment for Diesel Exhaust, California Environment Protection Authority.
- Office of Environmental Health Hazard Assessment (1999) Potential health risks of ethanol in gasoline, California Environmental Protection Agency, Oakland, CA, 53pp. (available at <http://www.oehha.ca.gov/air/pdf/ETOH1099.pdf> as at 1 March 2001).
- Office of Health and Environmental Assessment (2001) Integrated Risk Information System, US Environment Protection Authority. (<http://www.epa.gov/ngisp3/iris/index.html>.)
- Ospital, J. (2000) Procedure for calculating toxic risk reduction from vehicle emissions - Draft staff report (November 2000). Diamond Bar, CA: South Coast Air Quality Management District, 16p.
- Pan, J., Quarder, S., Smeal, T and Sharp, C. (2000) Comparison of PAH and nitro-PAH emissions among standard diesel fuel, biodiesel fuel, and their blend on diesel engines, Proceedings of the 48th ASMS Conference on Mass Spectrometry and Allied Topics, Long Beach, Ca.
- Parliamentary Library (Australia) (1999) Bills Digest No. 20 1999-2000, Customs and Excise Amendment (Diesel Fuel Rebate Scheme) Bill 1999. Canberra: Department of the Parliamentary Library. [<http://www.apf.gov.au/library/pubs/bd/1999-2000/2000BD020.htm>]
- Parsons Australia Pty Ltd (2000) Proposed Diesel National Environment Protection Measure Supplementary Toxic Study – Parts A and B, Final Report to Environment Australia, June 2000.
- Pedersen, J.G., Ingemarsson, A. and Olsson, J.O. (1999) Oxidation of rapeseed oil, rapeseed methyl ester (RME) and diesel fuel studied with GC/MS, *Chemosphere*, **38** (11) 2467-2474.
- Prankl, H. and Woergetter, M. (1999), Standardisation of Biodiesel on a European Level, Paper presented at 3rd European Biofuels Forum, 10-13 October 1999, Brussels
- Public Transport International. (1993) Public Transport International April 1993. Belgium: International Union of Public Transport.
- Pullan, C. et al (1981) Research Priorities for Transport Fuels from Biomass and Other Sources for Western Australia, Energy Advisory Council of WA, Perth,
- Queensland Sugar Corporation (1997) Sugar notes. Brisbane, Australia., Queensland Sugar Corporation.,
- RAPAD (1988) Fuel Alcohol Production from Biomass - Ethanol Recovery - Research and Development on Synfuels - Annual Technical Report.
- Reinders, M. E. (1983) Handbook of emission factors part 2, industrial sources, J. de Beer & E. Worrell.
- Reinhardt, G.A. (1994) Umweltautwirkungen der Kraftstoffsubstitution durch Pflanzenöle und seine Derivate. (VDI; 1126) Düsseldorf, Germany: VDI Verlag GmbH.

Part 3 Reference Information

- Reuter, R.M. et al. (1992) Effects of oxygenated fuels and RVP on automotive emissions – Auto/oil air quality improvement research program, SAE paper 920326.
- Rice B.W. (1986) Evaluation of Automotive Stop Fill Valves for LPG Vehicles, S.A.E Paper No. 861576
- Road and Traffic Authority of NSW. (1998) Distribution of RTA's contribution to greenhouse gas emissions. In: RTA Environment Report. p. 33. [<http://www.rta.nsw.gov.au/environment/aer1998.pdf>]
- Sanders, M. (1999) The Queensland Clean Fuels Project. Paper presented at: Fuel Quality Workshop, Melbourne. Canberra: Environment Australia.
- Schaberg P., Myburgh, I.S., Botha, J.J., Roets, P.N., Viljoen, C.L., Dancuart, L.P. and Starr, M.E., 1997. "Diesel Exhaust Emissions Using Sasol Slurry Phase Distillate Fuels", SAE 972898
- Scharmer, K. and Gosse, G. (1996) Ecological impact of biodiesel, production and use in Europe. Presented at: 2nd European motor biofuels forum, Graz, Austria.
- Schneider, V.A., Manager - Engine Certification, Cummins, USA. (2000) Personal communication.
- Schwartz, J. (1995) "Is carbon monoxide a risk factor for hospital admission for heart failure?" *American Journal of Public Health* **85**: 1343-1344.
- Science Applications International Corporation, Introduction to Alternative Fuel Vehicles
- Scott, W.T., Brown, S.D.A., Kadayifci, M.Z. and Mitchell, A.W. (1995) Exhaust and noise emission testing of diesel and diesohol fuelled buses. (Report. MV-A-29) Lidcombe, NSW: NSW Environment Protection Authority.
- Senden, M.M.G., A.D. Punt, Status and Prospects of Gas-to-Liquids Processes, Syngas Conversion to Fuels and Chemicals, Spring ACS meeting, March 1999, Anaheim, USA
- Sharp, C.A. (1998) Characterization of biodiesel exhaust emissions for EPA 211(b), Southwest Research Institute Report 09-1039A for National Biodiesel Board.
- Sharp, C.A., Howell, C and Jobe, J. (2000a) The Effect of Biodiesel Fuels on Transient Emissions From Modern Diesel Engines, Part I Regulated Emissions and Performance, SAE 2000-01-1967.
- Sharp, C.A., Howell, C and Jobe, J. (2000b) The Effect of Biodiesel Fuels on Transient Emissions From Modern Diesel Engines, Part II Unregulated Emissions and Chemical Characterization", SAE 2000-01-1968.
- Sheehan, J., Camobreco, V., Duffield, J., Graboski, M. and Shapouri, H. (1998) Life-cycle inventory of biodiesel and petroleum diesel for use in an urban bus. (Report ; NREL/SR-580-24089) Golden, CO: National Renewable Energy Laboratory. xxiv, 284 p. [http://www.ott.doe.gov/biofuels/pdfs/lifecycle_pdf.html]
- Sheehan, J., Camobreco, V., Duffield, J., Graboski, M. and Shapouri, H. (1998) An overview of biodiesel and petroleum diesel life-cycles. (Report; NREL/TP-580-24772) Golden, CO: National Renewable Energy Laboratory. [<http://www.ott.doe.gov/biofuels/docs/lifecycle.html>]
- J.E Sinor Consultants Inc (1992), The Clean Fuels Report, November 1992, Volume 4, No. 5
- J.E Sinor Consultants, Inc Niwot, CO, Technical Evaluation and Assesment of CNG / LPG Bi-Fuel and Flex-Fuel Vehicle Viability.

Part 3 Reference Information

- Spataru, A. and Romig, C. (1995) Emissions and engine performance from blends of soya and canola methyl esters with ARB #2 diesel in a DCC 6V92TA MUI engine. (SAE Technical Paper; 952388) Warrendale, Penn.: SAE International. p. 179-188.
- Spath P.L. and Mann, M.K. (2001) Life cycle assessment of hydrogen production via natural gas steam reforming, Revised report NREL/TP-570-27637, National Renewable Energy Laboratory, Golden, Colorado.
- SRI International (1996) European Market Potential for Natural Gas Buses, Report prepared for Stichting European Natural Gas Vehicle Association (ENGVA), Amsterdam
- Steinhage, C. C. M. and A. v. Dam (1990) Milieuinventarisatie verpakkingsmaterialen (Inventory for Packaging Materials) Rotterdam, The Netherlands, Van den Bergh, en Jurgens.
- Sugar Research Institute (2001) Terminology. 2001, <http://www.sri.org.au/terminology2.html>
- Taberski, J.S., Peterson, C.L. Thompson, J. and Haines, R. (1999) Using biodiesel in Yellowstone National Park – final report of the truck in the park project, SAE Technical Paper 1999-01-2978, Warrendale, PA: Society of Automotive Engineers.
- Taschner, K. (1991) Bioethanol: a solution or a new problem. In: IX International Symposium on Alcohol Fuels, Firenze. p. 922-926.
- Trayford, R. and Watson H.C. (1999) A Comparison Between In-Service Experience and Deterministic Modelling of Fleet Fuel Consumption Paper 99088, International Pacific Conference 10 on Automotive Engineering, SAE-A, Melbourne.
- United States Department of Energy (2001) Environmental Protection Agency, [www/fueleconomy.gov](http://www.fueleconomy.gov)
- USEPA (1993) Motor Vehicle Related Air Toxics Study. EPA 420-R-93-005.
- USEPA (1995) State workbook; Methodologies for estimating greenhouse gas emissions, 2nd edition, EPA 230-B-95-001 (Revised), with corrections published in September 1996, Washington DC, Office of Policy, Planning and Evaluation.
- USEPA (2000) Regulatory announcement: proposed adjustment to reformulated gasoline VOC standard, EPA420-F-00-023, June 2000.
- van Walwijk, M., Bückmann, M., Troelstra, W.P., Achten, P.A.J. (1996) Automotive Fuels Survey Part 2 – distribution and use, pages 175-300, IEA/AFIS, Innas BV, Breda, Netherlands.
- Vermiglio, E., Jenkins, T., Kieliszewski, M., Lapetz, J., Povinger, B., Wiley, R., Herber, J., Sahutske, K., Blue, M. and Clark R. (1997) Ford's SULEV dedicated natural gas trucks (SAE 971662) In: State of alternative fuel technologies 1997 [SAE International Spring Fuels and Lubricants Meeting], Dearborn, MI (Special Publication (Society of Automotive Engineers), SP-1274) . Warrendale, PA: Society of Automotive Engineers. p. 83-91.
- Wallace J.S. (1989), Assessment of" First Generation LPG Conservation Equipment, S.A.E Paper 892144
- Wang, M.(1999) GREET1.5-Transportation Fuel Cycles Model, Argonne National Laboratory
- Wang, M.Q. and Huang, H.S. (1999) A full fuel-cycle analysis of energy and emissions impacts of transportation fuels produced from natural gas.

Part 3 Reference Information

- (ANL/ESD; 40) Argonne, IL: Argonne National Laboratory. xiv, 114 p.
[<http://www.transportation.anl.gov/ttrdc/publications/pdfs/esd-40.pdf>]
- Wang, M., Saricks, C. and Wu. M. (1997) Fuel-cycle fossil energy use and greenhouse gas emissions of fuel ethanol produced from US mid-western corn, Report prepared for Illinois Department of Commerce and Community Affairs, Argonne National Laboratory, IL.
- Wang, M., Saricks, C. and Santini, D. (1999) Effects of fuel ethanol use on fuel-cycle energy and greenhouse gas emissions, Report ANL/ESD-38, Argonne National Laboratory, IL.
- Wang, W.G., Lyons, D.W., Clark, N.N., Gautam, M., and Norton, P.M. (2000) Emissions from nine heavy trucks fuelled by diesel and biodiesel blend without engine modification, *Environmental Science and Technology*, 34, 933-939.
- Watt, G.M. (2000) Natural Gas Vehicle Transit Bus Fleets: The Current International Experience, Review Paper, International Association for Natural Gas Vehicles. [www.iangv.org/html/sources/sources/reports/iangvreports.html]
- Watson, H.C. (1995) Effects of a wide range of drive cycles on the emissions from vehicles of three levels of technology. In *Global Emissions Experiences*, SAE, Warrendale, Pa., USA. SP-1094, p119-132
- Watson, H.C. and Alimoradian, B. (1989) A transient engine mapping model for analysing and predicting fuel consumption and emissions. European Automobile Engineers Committee, 2nd Intl Conf. on New Developments in Powertrain and Chassis Engineering, Strasbourg, p27-36
- Watson, H. and Gowdie, D.R.R. (2000) The systematic evaluation of twelve LP Gas fuels for emissions and fuel consumption, SAE 2000-01-1867, Warrendale, PA: Society of Automotive Engineers.
- Watson, R.T., Zinyowera, M.C. and Moss, R.H. (1996) *Climate Change 1995 (Contributions of Working Group II to the Second Assessment Report of the Intergovernmental Panel on Climate Change)*, Cambridge University Press, Cambridge, 878 p.
- WHO Regional Office for Europe (2000) *Air Quality Guidelines for Europe 2nd ed.* Copenhagen, WHO Regional Publications
- Weidema, B. P. (1995) *Life Cycle Screening of Food Products*, Lyngby DK, ATV.
- Weidema, B. P. (1999) System expansions to handle co-products of renewable materials. Presentation Summaries of the 7th LCA Case Studies Symposium SETAC-Europe
- Weiss, E., Busenthuer, B. and Hardenberg, H. (1987) Diesel fuel sulfur and cylinder liner wear of a heavy-duty diesel engine. SAE Paper 872148.
- Weiss, M.A., Heywood, J.B., Drake, E.M., Schafer, A. and AuYeung, F.F. (2000) *On the road in 2020 – a life cycle analysis of new automobile technologies*, Report MIT EL 00-003, Energy Laboratory, Massachusetts Institute of Technology, Cambridge, MA.
- Wilson. B, *Evaluation of Aftermarkets Fuel Delivery Systems for Natural Gas and LPG Vehicles*
- WMC Fertilizers Pty Ltd (2000) *Nitrogen applications for canola in Australia*, Hi Fert. 2001, www.wmcf.com.au
- WMC Fertilizers Pty Ltd (2000) *Phosphorus applications for canola in Australia*, Hi Fert. 2001, www.wmcf.com.au

Part 3 Reference Information

- WMC Fertilizers Pty Ltd (2000) Sulfur applications for canola in Australia, Hi Fert. 2001, www.wmcf.com.au
- WMC Fertilizers Pty Ltd (2000) Zinc applications for canola in Australia, Hi Fert. 2001, www.wmcf.com.au
- Yanowitz, J., Grabowski, M.S., Ryan, L.B.A., Alleman, T.L. and McCormick, R.L. (1999) Chassis dynamometer study of emissions from 21 in-use heavy-duty diesel vehicles. *Environmental Science and Technology*, 33 (2): 209-216.
- Zeitner, R. H. (2000) Australia Sugar Annual 2000, US Embassy., http://www.jkingsman.com/Usda/Australia_annual.htm
-
-

Part 3 Reference Information

This page left blank intentionally
