

References

- ACEA (The European Automakers) (1998), 'Position Statement on the Commission's proposal for a Directive on End-of-Life Vehicles', Brussels (http://www.acea.be/ACEA/position_papers.html).
- ACEA (2000), 'Monitoring the New Car CO₂ Agreement between the European Commission and ACEA – ACEA's 1999 Progress Report', Document MNCCO2AECACEA (pdf from www.acea.be/acea/position_papers.html).
- ACEA (2001), 'Monitoring ACEA's Commitment on CO₂ Emission Reduction from Passenger Cars (2000), Joint Report of the European Automobile Manufacturers Association and the Commission Services', Final Report 28 June 2001, Document CO₂ 2000 (pdf from www.acea.be/acea/publications.html), Brussels: Association des Constructeurs Européens d'Automobiles (ACEA).
- Adriaanse, A.S., S. Bringezu, A. Hammond *et al.* (1997), *Resource Flows: The Material Basis of Industrial Economies*, Washington, DC: World Resources Institute.
- Allenby, B.R. (1999) *Industrial Ecology – Policy Framework and Implementation*, Englewood Cliffs, NJ: Prentice Hall.
- Arbeitsgemeinschaft (ARGE) Altauto (2000), '1. Monitoringbericht gemäß Punkt 3.6 der Freiwilligen Selbstverpflichtung zur umweltgerechten Entsorgung von Altfahrzeugen (PKW) im Rahmen des Kreislaufwirtschafts-/Abfallgesetz der Bundesregierung vorgelegt am 31. März 2000', Frankfurt a. Main: ARGE Altauto.
- Ayres, R.U. (1989), 'Industrial Metabolism', in J. Ausubel, H. Sladovich (eds), *Technology and Environment*, Washington, DC: National Academy.
- Ayres, R.U., and L.W. Aayres (eds) (2002), *A Handbook of Industrial Ecology*, Cheltenham, UK and Brookfield, US: Edward Elgar.
- Ayres, R.U. and U.E. Simonis (eds) (1994), *Industrial Metabolism*, Tokyo and New York: United Nations University Press.
- Bartelmus, P. (ed.) (2002), *Unveiling Wealth – on Money, Quality of Life and Sustainability*, Dordrecht: Kluwer.
- Bartelmus, P., S. Bringezu and S. Moll (2000), 'Dematerialization, Environmental Accounting and Resource Management – main issues and how they can be translated into public policy initiatives', final report to the European Commission (DG ENV), Wuppertal Institute.

- Bartelmus, P., R. Bleischwitz, S. Bringezu, M. Fishedick, J.v. Geibler, P. Hennicke, M. Kuhndt, R. Lukas, F. Merten, S. Moll, W. Sachs, K.O. Schallaböck and E. Seifert (2001), 'Application of European-Based Policies on Resource Flows and Energy to Japanese Sustainable Development Policies. Interim Report for the Economic Planning Agency of Japan and Mitsubishi Research Institute', Wuppertal Institute.
- Bartelt, H. (2001), 'Rahmenbedingungen zur Windstromerzeugung in Deutschland'.
- Barthel, M. and K. Boehmer (2001), 'ISO and Climate Change: Identifying Opportunities', ISO 9000+ISO 14000 NEWS 1/2001, Geneva, pp.27ff.
- BCSD (Business Council for Sustainable Development) (1993), 'Getting Eco-Efficient', report of the Business Council for Sustainable Development, first Antwerp Eco-Efficiency Workshop, Geneva: BCSD, November.
- Becktepe, C. and T. Strütt-Bringmann (eds) (1992), *Der Stoff, aus dem die Kleider sind. Die Verbraucher Initiative*, Bonn: Bundesverband Die Verbraucher Initiative.
- Bendell, J. (2000), 'Talking for Change? Reflections on Effective Stakeholder Dialogue', a paper for New Academy of Business Innovation Network, October.
- Bergstedt, E. and I. Linder (1999), 'A Material Flow Account for Sand and Gravel in Sweden', Eurostat working paper 2/1999/B/4.
- Bleischwitz, R. (1998), *Ressourcenproduktivität: Innovationen für Umwelt und Beschäftigung*, Berlin: Springer Verlag.
- Bleischwitz, R. and E.U.v. Weizsäcker (2000), 'Vorbeugen durch umweltpolitische Maßnahmen – Institutionen und Konzepte der Umweltpolitik im Wandel', in Wichmann, Schlipköter and Füllgraff (eds), *Handbuch der Umweltmedizin*, vol. 3, ch. IX, Munich: Ecomed-Verlag, pp.1–17.
- Bleischwitz, R. (2001a), 'Joint Environmental Management: A Look at the Business Institutions of Eco-Industrial Parks', Contribution to the IHDP Conference, Berlin, December (www.environmental-policy.de).
- Bleischwitz, R. (2001b), 'Rethinking Productivity: Why has Economic Analysis Focused on Labour Instead of Natural Resources?', *Environmental and Resource Economics* (EARE), **19** (1), 23–36.
- Bleischwitz, R. (2002a), 'Governance of Eco-efficiency in Japan – An Institutional Approach', Wuppertal papers, no.124.
- Bleischwitz, R. (2002b), 'Cognitive and Institutional Perspectives of Eco-efficiency – A New Research Landscape towards Factor Four (or more)', Wuppertal papers, no. 123; also in *Ecological Economics*, **46**, 2003, 453–67.
- Bleischwitz, R. (2003), 'Governance of Eco-Efficiency in Japan – An Institutional Approach', *International Asian Quarterly*, **34** (1–2), 107–26.
- BMU (Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit/
German Federal Ministry of the Environment) (1997), *Klimaschutz in*

- Deutschland. Zweiter Bericht der Regierung der Bundesrepublik Deutschland nach dem Rahmenübereinkommen der Vereinten Nationen über Klimaänderung' (Climate Protection in Germany. Second Report of the Government of the Federal Republic of Germany according to the United Nations' Framework Convention on Climate Change), Bonn.
- BMVBW (Bundesministerium für Verkehr, Bau- und Wohnungswesen) (2001), 'Guideline for Sustainable Building', Bonn: BMVBW.
- BMVBW (German Federal Ministry for Building) (ed.) (1997), *Haus und Wohnung im Spiegel der Statistik 1997/98* (House and Flat as reflected by Statistics 1997/98), 9th rev. edn Bonn: BMVBW.
- BMWi (Bundesministerium für Wirtschaft und Technologie/German Federal Ministry for Economic Affairs and Technology) (1999), 'Energie Daten 1999. Nationale und internationale Entwicklung' (Energy Data 1999. National and International Trends), Bonn.
- Boltho, A. and J. Corbett (2000), 'The Assessment: Japan's Stagnation – Can Policy Revive the Economy?', *Oxford Review of Economic Policy*, **16** (2), 1–17.
- Bringezu, S. (1993), 'Towards increasing resource productivity: How to measure the total material consumption of regional or national economies?', *Fresenius Environmental Bulletin* (2), 437–42.
- Bringezu, S. (1997a), *Umweltpolitik – Grundlagen, Strategien und Ansätze ökologisch zukunftsfähigen Wirtschaftens*, Munich and Vienna: Oldenbourg Verlag.
- Bringezu, S. (1997b), 'From Quantity to Quality: Material Flow Analysis', in S. Bringezu *et al.*, *From Paradigm to Practice of Sustainability*, Wuppertal Special 4, Wuppertal: Wuppertal Institute for Climate, Environment, Energy.
- Bringezu, S. (2000a), 'Material Flow Analysis – History and Overview', paper presented to the 30th meeting of the OECD Working Group on the State of the Environment, Special Session on Material Flow Accounting', Room document – MFA 1, Agenda Item 2a, OECD, Paris, 24 October.
- Bringezu, S. (2000b), 'Material Flow Analysis for Sustainable Resource Management in Germany and Europe', background paper for the SCOPE Workshop of the Project 'Material Flow Analysis for Sustainable Resource Management (MFAStoRM)', Wuppertal Institute, 23–4 November.
- Bringezu, S. (2002), 'Industrial Ecology: analyses for sustainable resource and materials management in Germany and Europe', in R.U. Ayres and L. Ayres (eds), *Handbook of Industrial Ecology*, Cheltenham, UK and Northampton, MA: Edward Elgar, pp. 288–300.
- Bringezu, S. and R. Kleinj (1997), 'Short review of the MFA work', in S. Bringezu *et al.*, *Regional and National Material Flow Accounting: From Practice to Paradigm of Sustainability*, proceedings of the ConAccount

- Workshop 21–23 January, Leiden, Wuppertal: Wuppertal Institute, pp.306–8.
- Bringezu, S. and H. Schütz (2000), ‘Indicator Study: Total Material Requirement of the European Union’, EEA Technical Report, Copenhagen: European Environment Agency.
- Bringezu, S. and H. Schütz (2001a), ‘Material use indicators for the European Union, 1980–1997’, Eurostat working paper 2/2001/B/2, Luxembourg.
- Bringezu, S. and H. Schütz (2001b), ‘Total Material Resource Flows of the United Kingdom “DETR-MFA UK”’, final report for the Department of the Environment, Transport and the Regions (DETR), contract ref. no. EPG 1/8/62, Wuppertal Institute.
- Bringezu, S. and Y. Moriguchi (2002), ‘Material Flow Analysis’, in R.U. Ayres and L. Ayres (eds), *Handbook of Industrial Ecology*, Cheltenham, UK and Northampton, MA: Edward Elgar, pp.79–90.
- Bringezu, S., F. Hinterberger and H. Schütz (1994), *Integrating sustainability into the system of national accounts: The case of interregional material flows*, vol. II, proceedings of the International afcet (Association Française pour la Cybernétique Économique et Technique) Symposium ‘Models of sustainable development’, Paris, March, pp. 669–80.
- Bringezu, S., H. Schütz and S. Moll (2002), ‘Towards sustainable resource management in the European Union’, Wuppertal Paper 121, Wuppertal: Wuppertal Institute.
- BUND (2001), ‘BUND-Marktanalyse’, *Supermärkte durchschnittlich weniger als drei Prozent Bio*, Pressemitteilung 57 vom 2.7.2001.
- Bunde, A. (2002), *The Science of Disasters, Climate Disruptions, Heart Attacks, and Market Crashes*, Berlin and Heidelberg: Springer Verlag.
- Bundesministerium für Raumordnung, Bauwesen und Städtebau (BMRBS) (German Federal Ministry for Building) (ed.) (1997), *Haus und Wohnung im Spiegel der Statistik 1997/98* (House and Flat as reflected by Statistics 1997/98), 9th rev. edn, Bonn: BRMBS.
- Bundesumweltministerium für Umwelt, Naturschutz und Reaktorsicherheit (BMU) (2001), ‘Verordnung über die Erzeugung von Strom aus Biomasse’, *Bundesgesetzblatt*, **1** (29), 1234.
- Bundesverband Windenergie e.V. (2001), ‘Windenergie 2001: Marktübersicht’, Osnabrück: Bundesverband Windenergie.
- Burgess, S.M. (1992), ‘Personal Values and Consumer Research: A Historical Perspective’, *International Journal of Research in Marketing*, **11**.
- Carraro, C. and D. Siniscalco (eds) (1997), *New Directions in the Economic Theory of the Environment*, New York: Cambridge University Press.
- Carroll, A.B. (1993), *Business and Society: Ethics and Stakeholder Management*, Cincinnati: South-Western.
- Chen, X. and L. Qiao, L. (2000), *Material flow analysis of Chinese*

- economic–environmental system’, *Journal of Natural Resources*, **15** (1), 17–23.
- Clean Japan Center (2000), *Recycle-Oriented Society. Towards Sustainable Development*, Tokyo: Clean Japan Center.
- Commission of the European Communities (CEC) (1993), ‘White Paper on Growth, Competitiveness, and Employment’, ch. 10, Thoughts on a New Development Model for the Community, COM (93) 700 final, Brussels.
- Commission of the European Communities (CEC) (2000), ‘Action Plan to Improve Energy Efficiency in the European Community’ (COM(2000)247), Brussels: European Commission.
- Commission of the European Communities (CEC) (2001), ‘A Sustainable Europe for a Better World: A European Union Strategy for Sustainable Development’ (Commission’s proposal to the Gothenberg Council), COM 264 final, May, Brussels.
- Commission of the European Communities (CEC) (2001c), ‘Environment 2010: Our Future, Our Choice – The Sixth Environment Action Programme’, COM (2001) 31 final, Brussels, 24 January (<http://europa.eu.int/comm/environment/newprg/index.htm>).
- Commission of the European Communities (CEC) (2001a), ‘A Sustainable Europe for a Better World: A European Union Strategy for Sustainable Development’ (Commission’s proposal to the Gothenburg European Council), COM (2001)264 final, Brussels, 15 May (<http://europa.eu.int/comm/environment/eussd/index.htm>).
- Commission of the European Communities (CEC) (2001b), ‘DG Environment Management Plan 2001–2002’, Brussels (http://europa.eu.int/comm/dgs/environment/mission_en.htm).
- Commission of the European Communities (CEC) (2001d), ‘European Climate Change Programme’, report, June, Brussels.
- Daly, H. (1991), *Steady State Economics*, 2nd edn, Washington: Island Press.
- Daly, H. (1996), *Beyond growth. The Economics of Sustainable Development*, Boston: Beacon Press.
- Daten- und Rechenmodell (2001), ‘Schadstoffemissionen aus dem motorisierten Verkehr in Deutschland 1980–2020’ (Data and Calculation Model: Emission of Pollutants from Motorized Transport in Germany 1980–2020), and ‘TREMOM – Transport Emission Estimation Model’, in Auftrag des Umweltbundesamtes, seit 1993, letzte Aktualisierung November 2001.
- DEA (Danish Energy Agency)/Energy piano (2000), ‘Workshop Report from Denmark’, working paper for the Study on IRP in a Changing Market, Copenhagen.
- De Marco, O., G. Lagioia and E. Pizzoli Mazzacane (1999), ‘Material Flow Analysis of the Italian economy: Preliminary results’, in: R. Kleijn, S. Bringezu, M. Fischer-Kowalski, and V. Palm (eds), *Proceedings of the*

- ConAccount Workshop – Ecologizing Societal Metabolism*, CML Report 148, Leiden: Leiden University, pp. 3–14.
- De Moor, A. and P. Calamai (1997), *Subsidising Unsustainable Development. Undermining the Earth with Public Funds*, Toronto: Earth Council.
- Department for Environment, Food and Rural Affairs (DEFRA) (2002), 'Resource use and efficiency of the UK economy', a report by the Wuppertal Institute for the Department for Environment, Food and Rural Affairs, London (<http://www.defra.gov.uk/news/2002/020617a.htm>).
- Department of the Environment, Transport and the Regions (1999), 'A better quality of life: a strategy for sustainable development for the UK', www.sustainabledevelopment.gov.uk
- DIN (2000), *DIN EN ISO 14031 – Environmental Management-Environmental Performance Evaluation Guidelines*, Berlin: Beuth Verlag (in German and English).
- DIN German Institute for Standardisation (NAGUS) *et al.* (2001), 'Revision of the ISO 14001 – German Experiences and Recommendations', Berlin.
- DIW (Deutsches Institut für Wirtschaftsforschung/ German Institute for Economic Research)(1998), 'Indikatoren des Energieverbrauchs in Deutschland' (Indicators for the Energy Consumption in Germany), *Wochenbericht (Weekly Report) 50/98*.
- Dixit, A.K. (2000), *The Making of Economic Policy. A Transaction-Cost Perspective*, Cambridge, MA: MIT Press.
- Douglas, M and B. Isherwood (1978), *The World of Goods. Towards an Anthropology of Consumption*, New York: Basic Books.
- Doutlik, K. (2000), after P. Henriques, 'The Role of Public Authorities in the Promotion and Development of Environmental Management Tools' in J. Peter, 'Business, Eco-Efficiency and Sustainable Development – The Role of Environmental Management Tools', an international workshop organised by INETI, Portuguese Directorate-General for Industry and the European Commission held in Lisbon, 1–3 March 2000, final report, Luxembourg: European Commission.
- Doutlik, K. (2000), after UNEP, 'The Role of Public Authorities in the Promotion and Development of Environmental Management Tools' in J. Peter, 'Business, Eco-Efficiency and Sustainable Development – The Role of Environmental Management Tools', an international workshop organised by INETI, Portuguese Directorate-General for Industry and the European Commission held in Lisbon, 1–3 March 2000, final report, Luxembourg: European Commission.
- Ecotec (2001), 'Economic and Environmental Implications of the Use of Environmental Taxes and Charges in the European Union and its Member States', Study on behalf of DG ENV (Contact Ref: 3433040/99)

- 74628/MAR/B2), Brussels (http://europa.eu.int/comm/environment/enveco/taxation/environmental_taxes.htm).
- EEA/Eurostat (1998), 'Europe's Environment: Statistical Compendium for the Second Assessment', Luxembourg: European Communities.
- Eicke-Hennig, W. (1998), 'Niedrigenergiehäuser: Der Einfluß des Nutzerverhaltens' (The Influence of the User's Behaviour), BundesBauBlatt, 1998, 14–18, (http://www.impulsprogramm.de/neh/e_neh5.html, 8.3.1999).
- ELFOR og Sjællandssamarbejdet (1999), *Plan 2000*, Copenhagen: Fredericia.
- EMNID (1991), *Kontiv 1989*, several vols, Bielefeld.
- Empacher, C., K. Götz and I. Schultz (2000), 'Demonstrationsvorhaben zur Fundierung und Evaluierung nachhaltiger Konsummuster und Verhaltensstile', Institut für sozial-ökologische Forschung im Auftrag des UBA, Frankfurt.
- Enquête-Kommission of the German Bundestag (1997) 'Protection of Humanity and the Environment – Objectives and General Conclusions of Sustainable Development' *The Concept of Sustainability – Prerequisites for Tomorrow*, Stuttgart: Metzler-Poeschel.
- Enquête-Kommission 'Schutz des Menschen und der Umwelt' (ed.) (1993), *Verantwortung für die Zukunft – Wege zum nachhaltigen Umgang mit Stoff- und Materialströmen*, Bonn: Economica Verlag.
- Enquête-Kommission 'Schutz des Menschen und der Umwelt' (ed.) (1994), *Die Industriegesellschaft gestalten – Perspektiven für einen nachhaltigen Umgang mit Stoff- und Materialströmen*, Bonn: Economica Verlag.
- European Commission (1995), 'Small and Medium-Sized Enterprises: A Dynamic Source of Employment. Growth and Competitiveness in the European Union,' report presented by the European Commission for the Madrid European Council, CSE(95) 2087.
- European Commission (2001a), 'Green Paper on Consumer Protection', Europe Information Service, Supplement to Europe Environment 597, October.
- European Commission (2001b), 'Green Paper: Promoting a European Framework for Corporate Social Responsibility', COM (2001) 366 final, Brussels.
- European Commission (2001c), 'Green Paper for Integrated Product Policy', Brussels.
- European Commission (2001d), 'Measuring Environmental Performance of Industry' (MEPI), final report.
- European Commission (2001e), 'Environment 2010: Our Future, Our Choice. The Sixth Environmental Action Programme', COM (2001) 31 final, Brussels.
- European Community (2000), 'Richtlinie 2000/53/EC des Europäischen Parlaments und des Rates über Altfranzöse', Brussels.

- European Environment Agency (EEA) (1999a), 'Making Sustainability Accountable: Eco-efficiency, Resource Productivity and Innovation', EEA Topic Report no. 11/1999, Copenhagen.
- European Environment Agency (EEA) (1999b): Making Sustainability Accountable: Eco-efficiency, Resource Productivity and Innovation, EEA Topic Report no. 11/1999, EEA: Copenhagen.
- European Environment Agency (EEA) (2000a), 'Environmental Taxes: Recent Developments in Tools for Integration', EEA Environmental Issue Series no. 18, Copenhagen (http://reports.eea.eu.int/Environmental_Issues_No_18).
- European Environment Agency (EEA) (2000b), 'Environmental Signals 2000: European Environment Agency Regular Indicator Report', EEA Environmental Assessment Report no. 6, EEA, Copenhagen (<http://reports.eea.eu.int/signals-2000/en>).
- European Environment Agency (EEA) (2000c), 'Total Material Requirement of the European Union', Technical Report no. 55, Copenhagen.
- European Environment Agency (EEA) (2000d), 'Total Material Requirement of the European Union, The Technical Part,' Technical Report no. 56, Copenhagen.
- European Environment Agency (EEA) (2001), 'Case Studies on Waste Minimisation Practices in Europe', Draft Topic Report, Copenhagen.
- Eurostat (2000a), 'Environmental Taxes in the EU, Statistics in Focus – Economy and Finance Theme 2,' 20/2000, European Communities, Luxembourg (http://europa.eu.int/comm/eurostat/Public/datashop/print-catalogue/EN?catalogue=Eurostat&product=CA-NJ-00-020-__-I-EN).
- Eurostat (2000b), *Statistical Yearbook 2000*, Luxembourg: Eurostat.
- Eurostat (2001), 'Economy-Wide Material Flow Accounts and Derived Indicators – A Methodological Guide', Methods and Nomenclature Series, Luxembourg: Eurostat.
- Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Germany (1998), Draft Programme for Priority Areas in Environmental Policy (Environment -Barometer)', BMU, Bonn.
- Federal Ministry of Transport, Building and Housing (2001a), 'Guideline for Sustainable Building', Berlin.
- Federal Ministry of Transport, Building and Housing (2001b), 'Towards Sustainable Human Settlements Development – National Report of the Federal Republic of Germany', revised by the Federal Agency for Building and Regional Planning, Berlin.
- Federal Statistics Office (1999), *Datenreport 1999*, Wiesbaden.
- Feldhaus, G. (2001), 'Beste verfügbare Techniken und Stand der Technik', *Neue Zeitschrift für 20. Jg.*, Heft 1, pp.1ff.
- Figge, F., T. Hahn, S. Schaltegger and M. Wagner (2001), 'Sustainability

- Balanced Scorecard, (Value oriented sustainability management with the balanced scorecard), Centre for Sustainability Management, University of Lueneburg.
- Fischedick, M. and Lechtenböhmer, S. (1998), *Der Beitrag des Sektors Bauen und Wohnen zum Klimaschutz*, Endbericht, Wuppertal: Wuppertal Institute.
- European Union (EU) (2000), 'Directive 2000/53/EC of the European Parliament and the Council of 18 September 2001 on end-of-life vehicles', Luxembourg: European Commission.
- European Union (EU) (2001), 'Directive 2001/77/EC of the European Parliament and the Council of 27 September 2001 on the promotion of electricity produced from renewable energy sources in the internal electricity market', Luxembourg: European Commission.
- Finanslov for finansåret (1999), www.oescs.dk/bevillingslove/docshelf?shelf=fl99.com
- Fischedick, M., J. Nitsch and F. Staiß (2001), 'Politikstrategien für die Integration erneuerbarer Energien in Deutschland', Jahrestagung des Forschungsverbundes für Sonnenenergie, Potsdam.
- Fraunhofer Institut für Systemtechnik und Innovationsforschung *et al.* (ed.) (1997), 'Interdisciplinary Analysis of the Possibilities for an Energy Conservation and Climate Protection Policy. Hindering and Promoting Conditions for an Efficient Energy Use in Private Households and their Associated Actors seen from an Economic and Social Psychological Perspective', final report at the End of the First Project Phase, Karlsruhe, Kiel, Wuppertal.
- Freeman, R.E. (1984), *Strategic Management: A Stakeholder Approach*, Boston: Pitman.
- Fried, W. and F. Scheucher (2000), 'Umweltorientierte Zusammenarbeit in der Automobilindustrie im Rahmen des Altfahrzeug-Recyclings', Umweltwirtschaftsforum, **2**, 31–35.
- Furubotn, E. and R. Richter (1997), *Institutions and Economic Theory. An Introduction to and an Assessment of the New Institutional Economic*, Ann Arbor, Michigan: University of Michigan Press.
- Gege, M. (ed.) (1997), *Kosten senken durch Umweltmanagement*, [Cost reduction through environmental management], Munich: Verlag Vahlen.
- Georgescu-Roegen, N. (1971), *The Entropy Law and the Economic Process*, Cambridge, MA: Harvard University Press.
- Gerhold, S. and B. Petrovic – Statistics Austria (2000), 'Material Balances and Indicators, Austria 1960–1997', Eurostat working paper no. 2/2000/B/6.
- German Council for Sustainable Development (2001), online (www.dialog-nachhaltigkeit.de).

- Environment Index' (Deutscher Umwelt Index DUX) (<http://www.umweltbundesamt.de/dux-e/index.htm>).
- German Federal Statistical Office – Statistisches Bundesamt (2000a), 'Integrated Environmental and Economic Accounting – Material and Energy Flow Accounts', Fachserie 19, Reihe 5, Wiesbaden.
- German Federal Statistical Office – Statistisches Bundesamt (2000b), 'Bericht des Statistischen Bundesamtes zu den Umweltökonomischen Gesamtrechnungen 2000' (Report of the German Federal Statistical Office on Integrated Environmental and Economic Accounting 2000), press conference of 17 October, Wiesbaden (http://www.destatis.de/download/ugr/bericht_engl.pdf).
- German Federal Statistical Office (2000c), *Umweltökonomische Gesamtrechnungen 2000*, Wiesbaden.
- German Federal Statistical Office – Statistisches Bundesamt (2001a), 'Integrated Environmental and Economic Accounting – Basic Data and Selected Results', Fachserie 19, Reihe 4, Wiesbaden.
- German Federal Statistical Office – Statistisches Bundesamt (2001b), 'Report by the Federal Statistical Office on Integrated Environmental and Economic Accountings 2001' (Bericht des Statistischen Bundesamtes zu den Umweltökonomischen Gesamtrechnungen 2001), Federal Statistical Office, Wiesbaden.
- German Federal Statistical Office – Statistisches Bundesamt (2001c), 'List of Tables of the German Environmental Economic Accounting' (<http://www.destatis.de/basis/e/umw/ugrueb.htm>).
- German Wind Energy Association (2001), Comparative Analysis of Wind Energy Usage in Germany, USA and Japan. Osnabrück: BWE e. V.
- Gesamttextil (1991/2000), 'Annual Report of the Textile Industry' (Jahrbuch der Textilindustrie) Frankfurt/M.
- Global Reporting Initiative (2000), online (www.globalreporting.org).
- Goldbach, M. (2001), 'Akteursbeziehungen in nachhaltigen Wertschöpfungsketten', EcoMTex-Diskussionspapier no. 03, Universität Oldenburg.
- Graedel, T.E. and B. Allenby (1995): *Industrial Ecology*, Englewood Cliffs, NJ: Prentice-Hall.
- Gravgaard Pedersen, O. (1999), 'Physical Input–Output Tables for Denmark', Statistics Denmark.
- GRI (2000), 'Sustainability Reporting Guidelines on Economic, Environmental and Social Performance', Boston.
- Gsänger, S. (2001), 'Das EEG goes global', *Neue Energie*, bk, 4, S. 94–6.
- Hamm, U. (2000), 'Der Markt für Öko-Lebensmittel in Europa', in K. Zander and H. Waibel (eds), *Ökonomie im Gartenbau*, 83, Institut für Gartenbauökonomie der Universität Hannover.

- Hamm, U. and J. Michelsen (2000), 'Analysis of the Organic Food Market in Europe', in T. Alföldi, W. Lockeretz, U. Niggli (eds), *Proceedings of the 13th International IFOAM Scientific Conference*, Zurich: vdf Hochschulverlag (International Foundation for Organic Agriculture). pp.507–10.
- Hammer B. and T. del Rosario (1997), 'Green Purchasing: A Global Channel for Improving the Environmental Performance of Small Enterprises', background paper No. 2, Workshop on Environmental Policy: 'Globalisation and the Environment: New Challenges for the Public and Private Sector', Paris, 13 and 14 November.
- Hansen, U. and M. Bode (1999), *Marketing und Konsum. Theorie und Praxis von der Industrialisierung bis ins 21. Jahrhundert*, Munich: Verlag Vahlen.
- Hansen, U. and U. Schrader (1997), 'A Modern Model of Consumption for a Sustainable Society', *Journal of Consumer Policy*, **20** (4), 443–68.
- Hansen, U. and U. Schrader (2001), 'Nachhaltiger Konsum', *Campus Forschung*.
- Hawken, P., A. Lovins and H. Lovins (2000), *Öko-Kapitalismus, die industrielle Revolution des 21. Jahrhunderts*, Munich: Riemann Verlag.
- Hellberg, J. (2001), personal communication (fax, 28 May).
- Hemmati, M. (2001), 'A Methodological Framework for Multi-Stakeholder Processes', a UNED Forum (Draft) Report, London.
- Hill, C.W.L. (1995), 'National Institutional Structures, Transaction Cost Economizing and Competitive Advantage: The Case of Japan', *Organization Science*, **6** (1), 119–31.
- Hillary, R. (ed.) (2000), *Small and Medium-Sized Enterprises and the Environment–Business Imperatives*, Sheffield: Greenleaf Publishing.
- Hille, J. (1998), 'The Concept of Environmental Space: Implications for Policies, Environmental Reporting and Assessments', EEA's Experts Corner series, 1997/2, Copenhagen: European Environment Agency.
- Hinterberger, F. and F. Schmidt-Bleek (1999), 'Dematerialization, MIPS and Factor 10 – Physical sustainability indicators as a social device', *Ecological Economics*, **29** (1), 53–6.
- HM Customs and Excise Information Service (2001), 'Aggregates Levy', (<http://www.hmce.gov.uk/bus/excise/>).
- Hoffmann, J., K. Ott and G. Scherhorn (2000), *Frankfurt-Hohenheimer Leitfaden*, Schriftenreihe zur ökologischen Kommunikation, bk 7, Munich: ökom Verlag.
- Hoffrén, J. (1999), 'Measuring the Eco-Efficiency of the Finnish Economy', Statistics Finland Research Report 229, Helsinki.
- Hook, R. (1998), *Summary of the Pravada 2 Project*, Frankfurt.
- Hroch, N. and S. Schaltegger (2001), 'Berücksichtigt die betriebliche Umweltberichterstattung aktuelle umweltpolitische Themen?', *UmweltFocus*, **2**.

- Hukkinen, J. (2001), 'Eco-Efficiency as Abandonment of Nature', *Ecological Economics*, **38**, 311–15.
- IEA (International Energy Agency) (1997), *The Link between Energy & Human Activity*, Paris: IEA.
- Imura, H. (1997), 'Japan', in M. Jänicke and H. Weidner (eds) (1997), *National Environmental Policies. A Comparative Study of Capacity-Building*, Berlin u.a.: Springer-Verlag, pp. 73–88.
- Institut der deutschen Wirtschaft (Institute of German Industry) (eds) (1998), *Informationsdienst*, 42/1998, vol. 24/15.
- Institute Wohnen und Umwelt (IWU) (1994), 'Wärmetechnische Wohngebäude – Typologie für die alten und neuen Bundeständer', Endbericht für die 'Deutsche Bundestiftung Umwelt', Darmstadt.
- Institut Wohnen und Umwelt (IWU) (2001), 'Guter Ansatz – schwache Standards: Stellungnahme zum Referentenentwurf vom 29. November 2000 bzw., Kabinettsbeschluss vom 7. März 2001, Darmstadt.
- International Energy Agency/OECD (1999), *Energy Balances of OECD Countries 1996–97*, Paris: OECD.
- Isacson, A., K. Jonsson, I. Linder, V. Palm and A. Wadeskog, A. (2000), 'Material Flow Accounts – DMI and DMC for Sweden 1987–1997', Eurostat working paper 2/2000/B/2.
- ISO (1999), 'ISO/TR 14032 Environmental Management – Examples of Environmental Performance Evaluation (EPE)', Geneva.
- ISO (2001), 'The ISO Survey of ISO 9000 and ISO 14000 Certificates – Tenth Cycle', Geneva.
- Jackson, T. and N. Marks (1999), 'Consumption, sustainable welfare and human needs – with reference to UK expenditure patterns between 1954 and 1994', *Ecological Economics*, **28** (3), 421–41.
- Jänicke, M. (1997), 'The Political System's Capacity for Environmental Policy', in M. Jänicke and H. Weidner (eds), *National Environmental Policies. A Comparative Study of Capacity-Building*, Berlin u.a.: Springer-Verlag, pp.1–24.
- Japan Automobile Research Institute (JARI)/Japan International Cooperation Agency (JICA) (2000), 'Current Issues in the Recycling of Motor Vehicles in Japan: Training Course in Automobile Technology for the Improvement of Environmental Problems', unpublished paper, Tokyo: JARI/JICA.
- Japan Automobile Research Institute (JARI) (2000), *JARI Research Journal*, April.
- Japanese Environmental Agency (1992), 'Quality of the Environment in Japan 1992', Tokyo.
- Japanese Environmental Agency (1998), 'Quality of the Environment in Japan 1998: To Realize Society for the 21st Century Keeping Sound Material Cycle and Harmonious Coexistence with Nature', Tokyo.

- Japan Information Network (2000), www.jin.jcic.or.jp/stat/index.html
- Japanese Statistics Bureau and Statistics Center (2000), 'Japan in Figures'.
- Jungbluth, N. (2000), 'Umweltfolgen des Nahrungsmittelkonsums: Beurteilung von Produktmerkmalen auf Grundlage einer modularen Ökobilanz', dissertation de Verlag im Internet.
- Juutinen, A. and I. Mäenpää (1999), 'Time Series for the Total Material Requirement of Finnish Economy – Summary', Eco-efficient Finland interim report, University of Oulu, Thule Institute (<http://thule oulu.fi/ecoef>).
- Kashima, S. and J. Koshi (1982), 'The Japanese Experiment with Mini-Cars', in K.-P. Hilber and K.O. Schallaböck (1985), *Reglementierungs- und Massnahmenansätze im Verkehrsbereich-Untersuchung*, Endbericht Phase II, 1, Graz: Institut für Umweltforschung.
- Kates, R.W., W.C. Clark *et al.* (2001), 'Sustainability Science', *Science Magazine*, 292, 641–2.
- Keddie, A. (2000), 'The Contribution of Business to Sustainable Development', in J. Peter, 'Business, Eco-Efficiency and Sustainable Development – The Role of Environmental Management Tools', an international workshop organised by INETI, Portuguese Directorate-General for Industry and the European Commission held in Lisbon, 1–3 March 2000, final report, Luxembourg: EC.
- Kerber, W. (1997), 'Wettbewerb als Hypothesentest: Eine evolutorische Konzeption wissenschaftlichen Wettbewerbs', in K. v. Delhaes and U. Fehl (eds), *Dimensionen des Wettbewerbs. Schriften zu Ordnungsfragen der Wirtschaft 52*, Stuttgart: Lucius and Lucius Verlagsgesellschaft, pp.29–78.
- Klare, R. (2002), *Resource Wars: The New Landscape of Global Conflicts*, New York: Owe Books.
- Klemisch, H. and H. Rohn (2002), 'Umweltmanagementsysteme in kleinen und mittleren Unternehmen (KMU) – Befunde bisheriger Umsetzung' (Environmental Management systems in small and medium-sized enterprises (SMEs) – Results of Implementations', KNI Papers 1/02, Cologne.
- Klinkers, L., W. van der Kooy and H. Wijen (1999), 'Product-Oriented Environmental Management Provides New Opportunities and Directions for Speeding up Environmental Performance', *Greener Management Inter.*
- Kloas, J., and U. Kunert (1993), 'Vergleichende Auswertungen von Haushaltsbefragungen zum Personenverkehr (KONTIV 1976, 1982, 1989), (Household Questionnaires on Passenger Transport in Comparison 1976, 1982, 1989). Berlin: Deutsches Institut für Wirtschaftsforschung (DIW).
- Komiyama, H. (2002), 'Vision 2050' (unpublished paper).
- Kuckartz, U. (2000), 'Umweltbewußtsein in Deutschland 2000. Ergebnisse einer repräsentativen Bevölkerungsumfrage', Auftrag des Umweltbundesamtes, Berlin.
- Kuhndt, M. and B. Bittewski (2000), *Towards Reduced Environmental*

- Burdens of Mobility: Improving the Automobile Life Cycle*, in N. Wisberg, A. Helias and U. de Haes (eds.) (2002), *Analytical Tools for Environmental Design and Management in a Systems Perspective*, Dordrecht: Kluwer Academic Publishers, 149–204.
- Kuhndt, M. and C. Liedtke (1999), ‘COMPASS – Companies’ and Sectors’ Path to Sustainability – The Methodology’, Wuppertal paper Wuppertal Institute.
- Kuhndt, M. and C.T. van der Lugt (2000), *Der Kalender für effizientes Wirtschaften – Ein innovatives Instrument zur Verbesserung von Umweltleistungen in klein- und mittelständigen Unternehmen im globalen Maßstab* (The Efficient Entrepreneur Calendar – An Innovative Tool to Improve Environmental Performance in Small and Medium-Sized Enterprises World-Wide) Umweltwirtschaftforum, Berlin: Springer Verlag.
- Kuhndt, M. and J. von Geibler and A. Eckermann (2002), ‘Towards a Sustainable Aluminium Industry: Stakeholder Expectations and Core Indicators’, Wuppertal: Wuppertal Institute.
- KUNERT AG (2001), ‘Umweltleistungsbericht 2000 nach DIN EN ISO 14031 – 10 Jahre Umweltberichterstattung’, Immenstadt.
- Langlois, R.N. and P.L. Robertson (1995), *Firms, Markets and Economic Change: A Dynamic Theory of Business Institutions*, London: Routledge.
- Lazonick, W. (1999), ‘The Japanese Economy and Corporate Reform: What Path to Sustainable Prosperity?’, *Industrial and Corporate Change*, **8** (4), 607–33.
- Liedtke, C. and E.U. von Weizsäcker (2000), *Unternehmen auf dem Weg zum Erfolg – die dreifache Gewinnstrategie macht’s möglich*, (Enterprises on the way to a success – possible through a triple-win strategy), in *Bergische Wirtschaft, Zeitschrift der Industrie und Handelskammer Wuppertal – Solingen – Remscheid*, April, pp. 8–11.
- Liedtke, C., H. Rohn, M. Kuhndt M. and R. Nickel (1998), ‘Applying Material Flow Accounting: Eco-Auditing and Resource Management at the Kambium Furniture Workshop’, *Journal of Industrial Ecology*, **3** (1), Cambridge, MA: MIT Press.
- Little, A.D. (2000), *Renewable Energy Trends 2000*, Boston (www.nrel.gov/ncpv/hotline/renewables_trends_2000.pdf).
- Lorek, S. (2001), ‘Household Energy and Water Consumption and Waste Generation’, German case study, OECD Programme on Sustainable Consumption, Overath: Sustainable Europe Research Institute, p. 29.
- Lorek, S. and R. Lucas (2003), ‘Towards Sustainable Market Strategies: A Case Study on Eco-Textiles and Green Power’, Wuppertal Institute No. 130, Wuppertal: Wuppertal Institute.
- Lorek, S. and J.H. Spangenberg (2000), ‘Changing Consumption and Production Patterns’, *Statement to the CSD 1995*.

- Lorek, S. and J.H. Spangenberg (2001a), 'Indicators for Environmentally Sustainable Household Consumption', *International Journal on Sustainable Development*, **4** (1), 101–19.
- Lorek, S. and J. Spangenberg (2001b), 'Reichtum und Ökologie', in Jörg Stadlinger (eds), *Reichtum heute*, Münster: Dampfboot Verlag.
- Lorek, S. and J. Spangenberg (2001c), 'Environmentally Sustainable Household Consumption: From Aggregate Environmental Pressures to Indicators for Priority Fields of Action', Wuppertal Paper No. 117, Wuppertal: Wuppertal Institute.
- Lorek, S., J.H. Spangenberg and C. Felten (1999), 'Prioritäten, Tendenzen und Indikatoren umweltrelevanten Konsumverhaltens: Endbericht des UBA – Forschungsvorhabens', 209 01 216/03, Wuppertal Institute.
- Lovins, A., L.H. Lovins and P. Hawken (1999), 'A Road Map to Natural Capitalism', *Harvard Business Review*, May/June, 145–58.
- Lucas, R. (2001), *End-of-life vehicle regulation in Germany and Europe – problems and perspectives*, Wuppertal Paper 113, Wuppertal.
- Lutzenhiser, L. (1992), 'A Cultural Model of Household Energy Consumption', *Energy – The International Journal*, **17** (1), 47–60.
- Lutzenhiser, L. (1997), 'Social and Behavioral Aspects of Energy Use', *Annual Review of Energy and Environment*.
- Maddison, A. (1995), *Monitoring the World Economy 1820–1992*, Paris: OECD.
- Mäenpää, I. (2000), 'Developing Methods of Physical Input–Output Accounting and Analysis in Finland', paper presented at the SCOPE Workshop, Material Flow Analysis for Sustainable Resource Management (MFASoRM).
- Manuskript für die Zeitschrift Umwelt Focus Juni (2000).
- Matsuba, M. (2001), *The Contemporary Japanese Economy*, Tokyo, Berlin, Heidelberg, New York: Springer-Verlag.
- Matthews, E., C. Amann and S. Bringezu *et al.* (2000), 'The Weight of Nations – Material Outflows of Industrial Economies'. Washington, DC: World Resources Institute.
- Matthias B., C. Pfeiffer, U. Schrader (2000), 'Strategies towards the Sustainable Household in Germany. Findings of an EU-Research Project on Clothing Care and Shelter', Universität Hannover.
- Matzner, E. (1994), 'Instrument – Targeting or Context-Making? A New Look at the Theory of Economic Policy' *Journal of Economic Issues*, **28** (2), 461–76.
- Meadows, D. (1972), *The Limits of Growth*, New York: Universe.
- Metallgesellschaft A.G./World Bureau of Metal Statistics (1994), 'Metal Statistics 1983–93', Frankfurt.
- Metcalf, J.S. (1998), *Evolutionary Economics and Creative Destruction*, London: Routledge.

- Metcalf, J.S. (2001), 'Institutions and Progress', *Industrial and Corporate Change*, **10** (3), 561–86.
- Meyer, A. and P. Hohmann (2000), *Other Thoughts; Other Results? Remei's bioRe Organic Cotton on its Way to the Mass Market*, Sheffield: Greenleaf Publishing.
- Miljö and Energi Ministeriet (Danish Environmental Protection Agency) (2000), 'Green Accounting in Denmark – Experiences and the Future', Copenhagen, May.
- Ministry of the Environment (1998), 'Key indicators for ecologically sustainable development: A proposal from the Swedish Environmental Advisory Council', Stockholm.
- Ministry of the Environment (Finland) (1999), 'The Finnish Environment. Material Flow Accounting as a Measure of the Total Consumption of Natural Resources', Helsinki.
- Ministry of the Environment (2000), 'The Swedish Environmental Objectives – Interim Targets and Action Strategies, Summary of Gov. Bill 2000/01:130' (<http://www.miljo.regeringen.se/english/public.htm>).
- Ministry of the Environment (2000), 'Signs of Sustainability – Finland's indicators for sustainable development 2000', www.vyh.fi/eng/environ/sustdev/indicat/inds2000.htm
- Ministry of Foreign Affairs (1998), 'National Environmental Policy Plan 3 – The Summary', The Hague, Netherlands.
- Ministry of Housing, Spatial Planning and the Environment (1996), 'Dutch Bill Extending the Environmental Management Act to Provide for Environmental Reporting' (English trans.), The Hague.
- Ministry of Housing, Spatial Planning and the Environment (no year), 'Environmental Reporting Decree', Explanatory Memorandum.
- Minsch, J. (1996), 'Nachhaltige Entwicklung – Idee und Kernpostulate', in A.G. Absenger (ed.), *Zur ökologischen Verantwortung; Natur und Geld*, Schriftenreihe zur Lehrerbildung im berufsbildenden Schulwesen, Heft 159, Pädagogisches Institut des Gundes, Vienna.
- Mitchell, A. (1983), *The Nine American Lifestyles*, New York: Warner.
- Moffatt, I. *et al.* (2001), 'Sustainable Prosperity: Measuring Resource Efficiency', Report to EC Department of the Environment, University of Stirling.
- Monczka, J. and J. Morgan (1997), 'What's Wrong With Supply Chain Management?', *Purchasing*, January.
- Montesquieu, Baron de (1748), *The Spirit of the Laws*, (reprinted 1989), Cambridge: Cambridge University Press.
- Moriguchi, Y., S. Matsui and A. Saito (2000), '3-Dimensional Physical Input Output Tables for Environmental and Resources Analysis', 11th Conference Reports of Pan-Pacific Association of Input–Output Studies (PAPAIOS), 123–7, Sendai, 3–4 November (in Japanese).

- Mündl, A., H. Schütz, W. Stodulski, J. Sleszynski and M.J. Welfens (1999), 'Sustainable Development by Dematerialization in Production and Consumption – Strategy for the new environmental policy in Poland', Report 3, Institute for Sustainable Development, Warsaw.
- Muukkonen, J. (2000), 'TMR, DMI and Material Balances, Finland 1980–1997', Eurostat working paper no. 2/2000/B/1.
- Nakata, T. and A. Lamont (2001), 'Analysis of the Impacts of Carbon Taxes on Energy Systems in Japan', *Energy Policy*, **29**, 159–66.
- Natuur en Milieu and VNO-NCW (1997), 'The Public Environmental Report', a guidance document for drawing up public environmental reports as defined in the Act of 10 April 1997.
- Neitzel, H., U. Landmann and M. Pohl (1994), *Das Umweltverhalten der Verbraucher: Daten und Tendenzen*, Berlin: UBA (The Federal Environmental Agency of Germany).
- Nelson, R. (ed). (1993), *National Innovations Systems: A Comparative Analysis*, New York and Oxford: Oxford University Press.
- North, D.C. (1990), 'A Transaction Cost Theory of Politics', *Journal of Theoretical Politics*, **2** (4), 355–67.
- NRW decree (1998), 'Decree by the Minister for Construction and Living of Northrhine-Westphalia from 21.12.1998: Environmental Sound Construction of the State. Ministerial Gazette for the State Northrhine-Westphalia from 26. January 1999, no. 2, Duesseldorf' (Runderlass des Ministers für Bauen und Wohnen des Landes Nordrhein-Westfalen vom 21.12.1998: Umweltschonendes Bauen des Landes. Ministerialblatt fuer das Land Nordrhein-Westfalen vom 26. Januar 1999, Nr. 2, Duesseldorf).
- Oates, W. (2001), 'Fiscal and Regulatory Competition: Theory and Evidence', paper prepared for the September 2001 Meeting of the Verein für Socialpolitik, Magdeburg.
- OECD (1998), Policy Brief: 'Sustainable Development: A Renewed Effort by the OECD', 8, Paris: OECD.
- OECD (2002), *Environmental Performance Review Japan: Conclusions and Recommendations*, Paris: OECD.
- Ostrom, E. (2000), 'Collective Action and the Evolution of Social Norms', *Journal of Economic Perspectives*, **14** (3), 137–58.
- Pacchi, C. (1998), 'Stakeholder enrolment and participation', paper at the Greening of Industry Network Conference, 15–18 November, Rome.
- Pauli, G. (1998), 'Technology Forecasting and Assessment: The Case of Zero Emissions', *Technological Forecasting and Social Change*, **58**, 53–62.
- Peters, T. (1996), 'Environmental Awareness in Car Design', in *Design for Environmentally Safe Automotive Products and Processes*, Society of Automotive Engineers, USA.

- Petersen, R. and H. Diaz-Bone (1998), *Das Drei-Liter-Auto*, (The Three-Litre-Car) Berlin, Basel, Boston: Birkhäuser Verlag.
- Petersen, R. and K.O. Schallaböck (2001), 'Bedeutung der klimawirksamen Emissionen des PKW-Verkehrs und Bewertung von Minderungsstrategien', (Relevance of Climate-Influencing Emissions of Car Transport and Evaluation of Reduction Strategies), Wuppertal, on behalf of Porsche AG.
- Pfeiffer, C. (2000), 'Shelter Germany – Project Report', SusHouse Project, University of Hannover, Lehrstuhl Markt und Konsum, Delft University of Technology, TBM Faculty, Delft.
- Pischon, A. and D.G. Liesgang (1998), *Integrierte Managementsysteme für Qualität, Umweltschutz und Arbeitssicherheit*, Berlin: Springer.
- Plante, M. (1999), 'SMILE – A Concept Car by Greenpeace', Graduation Report, Dfs Program, Faculty of Industrial Design Engineering, Delft University of Technology.
- Poldy, F. and B. Foran (1999), 'Resource flows: the material basis of the Australian economy', Commonwealth Scientific and Industrial Research Organization (CSIRO) Canberra (unpublished manuscript).
- Porter, M. and C.v.d. Linde (2001), 'Green and Competitive: Ending the Stalemate', in E.v.d. Wubben (ed.), *The Dynamics of the Eco-Efficient Economy*, Cheltenham, UK and Northampton, MA: Edward Elgar, pp. 33–55.
- Powell, A. (2000), 'Greening the Supply Chain', in R. Hillary (ed.), *Small and Medium-Sized Enterprises and the Environment-Business Imperatives*, Sheffield: Greenleaf Publishing.
- Prognos (1995), 'Die Energiemärkte Deutschlands im zusammenwachsenden Europa, Perspektiven bis zum Jahr 2020', in Auftrag des Bundesministeriums für Wirtschaft, Basle.
- Prognos, EWI (1998), 'Die längerfristige Entwicklung der Energiemärkte im Zeichen von Wettbewerb und Umwelt. Trendskeizze', Studie im Auftrag des BMWi, Basle, Cologne.
- Prognos, EWI (1999), 'Die längerfristige Entwicklung der Energiemärkte im Zeichen von Wettbewerb und Umwelt', Studie im Auftrag des BMWi, Basle, Cologne.
- Radermacher, W. (1998), 'Material Flow Accounting – Input into the Decision Process for Sustainable Development', in Bringezu *et al.* (eds), *Analysis for Action: Support for Policy towards Sustainability by Material Flow Accounting*, Wuppertal Special 6, Wuppertal Institute, pp.38–56.
- Rat der Europäischen Union (2001), 'Richtlinie des Europäischen Parlamentes zur Förderung der Stromerzeugung aus erneuerbaren Energien im Elektrizitätsbinnenmarkt', Dokument 13100/00, Brussels.

- Ren, Y. (2000), 'Japanese Approaches to Environmental Management: Structural and Institutional Features', *International Review for Environmental Strategies*, **1** (1), 79–96.
- Reusswig, F. (1994), *Lebensstile und Ökologie: gesellschaftliche Pluralisierung und alltagsökologische Entwicklung unter besonderer Berücksichtigung des Energiebereichs*, Frankfurt a.M.: Verlag für Interkulturelle Kommunikation.
- Robért, K.-H., B. Schmidt-Bleek, J. Aloisi de Larderel, G. Basile, L. Jansen, R. Kuehr, P. Price Thomas and M. Suzuki (2002), 'Strategic Sustainable Development – Selection, Design and Synergies of Applied Tools', *Journal of Cleaner Production*, **10**, 197–214.
- Ropke, Inge (1999), 'The dynamics of willingness to consume', *Ecological Economics*, **28**, 399–420.
- Rosenkranz, B. and E. Castello (1992), *Leitfaden für gesunde Textilien*, Hamburg: Rowohlt Verlag.
- Rosenkranz, B., C. Becktepe, T. Strütt-Bringmann (eds) (1989), 'Der Stoff, aus dem die Kleider sind. Die Verbraucher-Initiative', Bonn.
- Russel, T. (ed.) (1998), *Greener Purchasing: Opportunities and Innovations*, Sheffield: Greenleaf Publishing.
- Sachs, W. (1999), *Planet Dialectics – Explorations in Environment and Development*, Halifax, Nova Scotia: Fernwood Publishing; Johannesburg: Witwatersrand University Press; London & New York: Zed Books.
- Sachs, W., R. Loske, M. Linz *et. al.* (1998), *Greening the North*, New York: Zed Books.
- Schafer, A. and D. Victor (2000), 'The Future Mobility of the World Population', *Transportation Research A*, **34** (3), 171–205.
- Schallaböck, K.O. (1990), 'Limitierung des spezifischen Treibstoffverbrauchs der Neufahrzeuge' (Limitation of New Cars' Energy Intensity), in Enquête-Kommission 'Vorsorge zum Schutz der Erdatmosphäre' des Deutschen Bundestages (ed.), *Energie und Klima*, vol. 7, Konzeptionelle Fortentwicklung des Verkehrsbereichs, Bonn: Economica Verlag, pp. 679–776.
- Schaltegger, S. and F. Figge (1997), *Umwelt und Shareholder-Value*, (Environment and Shareholder-Value), Basel: University Basel.
- Scherhorn, G. and L. Reisch (1999), 'Sustainable Consumption', *Journal of Economic Literature*, D10–D12, D19.
- Scherhorn, G., L. Reisch and S. Schrödl (1997), *Wege zu nachhaltigen Konsummustern: Überblick über den Stand der Forschung und vorrangige Forschungsthemen*, Marburg: Metropolis Verlag.
- Schlegelmilch, Kai (ed.) (1999), *Green Budget Reform in Europe. Countries at the Forefront*, Berlin, Heidelberg and New York: Springer-Verlag.

- Schmidheiny, S. (ed.) (1992), *Changing Course. A Global Perspective on Development and the Environment*, Cambridge, MA: MIT Press.
- Schmidt-Bleek, F. (1994), *Wieviel Umwelt braucht der Mensch? MIPS – Das Mass für ökologisches Wirtschaften*, Boston, Basle, Berlin: Birkhäuser Verlag.
- Schmidt-Bleek, F. (2000), *Das MIPS Konzept: Weniger Naturverbrauch, mehr Lebensqualität durch Faktor Zehn*, Munich: Knauer Verlag.
- Schmidt-Bleek, F. and U. Tischner (1995), 'Produktentwicklung: Nutzen gestalten – Natur schonen', Schriftenreihe des Wirtschaftsförderungsinstitutes (270), Vienna.
- Schneidewind, U. (1998), 'Möglichkeiten und Strategien des Stoffstrommanagements im Bereich Textilien sowie Grenzen des Stoffstrommanagements', in H. Friege, C. Engelhardt, K.O. Henseling (eds), *Das Management von Stoffströmen*, Berlin, New York: Springer, pp.115–24.
- Scholl, G. and S. Zundel (1999), 'Neue Nutzungskonzepte für Produkte: Entwicklungsperspektiven von Strategien zur Nutzungsdauerverlängerung und Nutzungsintensivierung', *Zeitschrift für angewandte Umweltforschung ZAU*, **12** (4), 517–31.
- Seifert, E.K. (1998), 'Kennzahlen zur Umweltleistungsbewertung- Der internationale ISO-14031 Standard im Kontext einer zukunftsfähigen Umweltberichterstattung', in E. Seidel, J. Clausen and E.K. Seifert (eds), *Umweltkennzahlen. Planungs-, Steuerungs- und Kontrollgrößen für ein umweltorientiertes Management*, Munich: Verlag F. Vahlen, pp.71ff.
- Seifert, E.K. (2001), 'Umweltleistungsbewertung nach der ISO 14031- Entwicklungsgeschichte, Konzeption, Anwendungserfahrungen', *Umweltwirtschaftsforum*, 9. Jg. H 4, December, Berlin: Springer Verlag.
- Shipper, L. and L. Fulton (2001), 'Driving a Bargain? Using Indicators to Keep Score on the Transport–Environment–Greenhouse Gas Linkages', Washington, 75th Annual Transportation Research Board Meeting.
- Sobel, M.E. (1981), *Lifestyle and Social Structure: Concepts, Definitions, Analyses*, New York: Academic Press.
- Spangenberg, J.H. (1995), *Ein zukunftsfähiges Europa: Towards a Sustainable Europe*, Wuppertal Paper 42, Wuppertal: Wuppertal Institute.
- Spangenberg, J.H. (ed.) (1996), *Towards Sustainable Europe: A Study from the Wuppertal Institute for Friends of the Earth Europe*, 2nd revised edition, Wuppertal: Wuppertal Institute, p. 12.
- Spicer, A. et al. (1996), 'Disassembly Modelling Used to Assess Automotive Recycling Opportunities', in *Design for Environmentally Safe Automotive Products and Processes*, Society of Automotive Engineers (ed.), USA.
- Stahmer, C., M. Kuhn and N. Braun (1998), 'Physical Input–Output Tables for Germany 1990', Eurostat working papers 271998/B/1, Luxembourg: Eurostat.

- Staiß, F. (2001), *Jahrbuch Erneuerbare Energien 2001*, Radebeul: Bierbstein Verlag.
- Starik, M., G. Throop and J. Doody *et al.* (1996), 'Growing an Environmental Strategy', *Business Strategy and the Environment*, **5**, 12–21.
- Statistics Bureau – Management and Coordination Agency – Government of Japan (2000) *Japan Statistical Yearbook 2000*.
- Statistisches Bundesamt (Federal Statistical Office Germany) (ed.) (1997), *Zahlen und Fakten über die Bundesrepublik Deutschland 1995/96* (Figures and Facts about the Federal Republic of Germany in 1995/96), Landsberg am Lech.
- Stiftung Warentest (1998), 'Energiesparlampen' (Energy Saving Bulbs), test 8/1998, pp.70–74.
- Strassert, G. (1993), 'Towards an Ecological Accounting of the Provision-Transformation-Restitution Cycle', in J.C. Dragan, E.K. Seifert and M.C. Demetrescu (eds), *Entropy and Bioeconomics*, Milano: Nagard, pp. 507–15.
- Statsregnskab for finansåret (1998), www.oecs.dk/bevillingslove/docshelf?shelf=fl98.com
- Takala, T. and P. Pallab (2000), 'Individual, Collective and Social Responsibility of the Firm', *Business Ethics: A European Review*, **9** (2), 109–18.
- Tempelman, E. (1999), 'Sustainable Transport and Advanced Materials', PhD Thesis, Eburon Delft.
- Teramoto, Y. and C. Benton (2000), 'New Development Model for a Post-Matured Japanese Industrial Sector', in F.-J. Richter (ed.) (2000), *The East Asian Development Model, Economic Growth, Institutional Failure and the Aftermath of the Crisis*, London: Macmillan Press, pp. 297–312.
- Thomas, S., L. Carlos, A. Pierluigi and L. Pagliano (2000), 'The Possibilities for Policy Supporting IRP and DSM in the Liberalized Internal European Electricity and Gas Markets', in American Council for an Energy-Efficient Economy: Efficiency & Sustainability (ed.), *Proceedings of the ACEEE 2000 Summer Study on Energy Efficiency in Buildings*, Washington, DC: American Council for an Energy-Efficient Economy (ACEEE).
- TREMODO (2001a), 'Daten- und Rechenmodell: Schadstoffemissionen aus dem motorisierten Verkehr in Deutschland 1980–2020' (Data and Calculation Model: emission of pollutants from motorised transport in Germany 1980–2020).
- TREMODO (2001b), 'Transport Emission Estimation Model', on behalf of the Umweltbundesamt; from 1993, latest update November 2001.
- UBA (Umweltbundesamt) (1997), *Nachhaltiges Deutschland. Wege zu einer dauerhaft umweltgerechten Entwicklung*, Berlin: Erich Schmidt Verlag.

- UBA (Umweltbundesamt) (2000), *Umweltbewusstsein in Deutschland – Ergebnisse einer repräsentativen Bevölkerungsumfrage*, Berlin: Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit.
- Ueta, K. (1997), 'An Economic Analysis for Designing Environmental Tax System', *Keizai Bunseki* (Economic Analysis) no. 153.
- UK Roundtable on Sustainable Development (1998), 'A Stakeholder Approach to Sustainable Business', London.
- Umweltbundesamt (2000), 'EMAS in Germany – Report on Experience 1995 to 1998', Berlin (German version 1999).
- Underhill, P. (1999), *Why We Buy. The Science of Shopping*, New York, Simon and Schuster.
- UNDP (1997), Human Development Report 1997, Oxford: Oxford University Press.
- UNDP (1998), Human Development Report 1998, Oxford: Oxford University Press.
- UN-EMA Group (2001), *Environmental Management Accounting Procedures and Principles*, ed. UNDSO, New York.
- UNEP (1995), 'Environmental management tools', *Industry and Environment*, **18** (2–3), 1–10.
- UNEP Division of Technology, Industry and Economics (1997), 'Developing better systems for communicating environmental best practice in business', final report, Paris.
- United Nations (1993), *Integrated Environmental and Economic Accounting*, New York: United Nations.
- United Nations (1994), *Industrial Commodity Statistics Yearbook: Production and Consumption Statistics*, New York: UN, p.931.
- United Nations (1997), 'Special Session of the UN General Assembly (the 19th UNGASS)', June, New York.
- United Nations (1999), 'The Global Compact and the Environment' (<http://www.unglobalcompact.org>).
- Update (2000), 'DaimlerChrysler Mandates ISO 14001 to Entire Supply Chain', *Update News and Information on ISO and the Environment*, **7** (11), November.
- Volkswagen AG (2000), *Political News*, **2000** (4), 7.
- Wallace, D. (1995), 'Japan', *Environmental Policy and Industrial Innovation. Strategies in Europe, the US and Japan*, London: Earthscan Publications, pp. 93–110.
- Wallau, F. (2000), 'Systematisierung von Finanzierungsmodellen für eine kostenlose Rücknahme von Altprodukten dargestellt am Beispiel der Altautoentsorgung', in *Müll und Abfall*, **2**, 89–94.
- Wallbaum, H. et al. (1999), 'The Renovation of a Building – A Chance for Climate Protection and the Labour Market', Wuppertal Institute for

- Climate, Environment and Energy study on behalf of the trade union for building, agriculture, forestry and the environment and Greenpeace.
- Watanabe, C. (1999), 'Systems Option for Sustainable Development-Effect and Limit of the Ministry of International Trade and Industry's Efforts to Substitute Technology for Energy', *Research Policy*, **28**, 719–49.
- Weaver, P. *et al.* (2000), *Sustainable Technology Development*, Sheffield: Greenleaf Publishing.
- Weizsäcker, E.U. von, A. Lovins and H. Lovins (1997), *Factor Four: Doubling Wealth – Halving Resource Use*, London: Earthscan.
- Wilhite, H., H. Nakagami and C. Murakoshi (1996), 'The dynamics of changing Japanese energy consumption patterns and their implications for sustainable consumption', *Proceedings from the ACEEE 1996 Summer Study on Energy Efficiency in Buildings*, Washington, DC: American Council for an Energy Efficient Economy.
- Wilhite, H., E. Shove, L. Lutzenhiser and W. Kempton (2000), 'The legacy of twenty years of demandside management: we know more about individual behaviour but next to nothing about demand', in E. Jochem, J. Stathaye and D. Bouilee (eds), *Society, Behaviour and Climate Change Mitigation*, Dordrecht: Kluwer Academic Press.
- Wohlfahrt, W. (1999), *Der Weg zum Umweltmanagementsystem. Gegenüberstellung von Öko-Auditverordnung und DIN EN ISO 14001*, Berlin, Vienna, Zurich: Beuth Verlag.
- Woods, J. (2000), 'Equity Finance of Residential Real Estate: A Potential Market Transformation Program'. American Council for an Energy Efficient Economy (ed.), *Proceedings 2, Residential Buildings: Program Design, Implementation and Evaluation*, Washington, DC.
- World Bank (2000), *The World Bank Approach to the Environment*, Washington DC: World Bank.
- World Business Council for Sustainable Development (WBCSD) (1998), 'Eco-efficiency Metrics and Reporting', Eco-efficiency brief no. 1, Geneva, June.
- World Business Council for Sustainable Development (WBCSD) (2000), 'Eco-Efficiency Indicators and Reporting' <http://wbcSD.org>, Geneva.
- World Commission on Environment and Development (WCED) (1987), *Our Common Future: The Brundtland Report on Environment and Development*, Oxford: Oxford University Press.
- Wuppertal Institute *et al.* (2000), 'Completing the Market for Least-Cost Energy Services: Strengthening Energy Efficiency in the Changing European Electricity and Gas Markets', A study co-funded by the European Commission (DGXVII, SAVE programme). Project Final Report, Wuppertal.
- Wuppertal Institute (2001), 'Application of European-Based Policies on Resource Flows and Energy to Japanese Sustainable Development Policies', Interim Report, part of Collaboration Projects under the trust of the Economic

- Planning Agency of Japan and Mitsubishi Research Institute, Wuppertal: Wuppertal Institute.
- Wuppertal Institut/Öko-Institut (1998), 'Der Beitrag des Sektors Bauen und Wohnen für den Klimaschutz', Gutachten im Auftrag des Bauministeriums NRW, Wuppertal.
- Wuppertal Institut/Öko-Institut (2000), 'Bewertung eines Ausstiegs aus der Kernenergie aus klimapolitischer und volkswirtschaftlicher Sicht', Endbericht im Auftrag des Bundesministeriums für Umwelt, Naturschutz und Reaktorsicherheit, Wuppertal.
- Wüstenhagen, R., A. Villiger and A. Meyer (1999), 'Die Landkarte des ökologischen Massenmarktes: Eine Orientierungshilfe in Sachen Ökologisierung des Einzelhandels', in IÖW/VÖW (eds), *Ökologisches Wirtschaften*, **1**, 27–9.
- Wüstenhagen, R., A. Meyer and A. Villiger (2000), *Jenseits der Öko-Nische*, Basel: Birkhäuser Verlag.
- Wüstenhagen, R., A. Meyer and A. Villiger (2003), 'The Sustainability Roadmap: A Tool to Analyse the Transition from Eco-Niche to Mass Market', Paper presented at the Greening of Industry Network Conference, San Francisco, CA, 12–15 October.
- Yamamoto, R. (2001), *Sustainable Company. Successful Business Models and Eco-Services in the Century of the Environment* (in Japanese), Tokyo: Tokyo University.
- ZMP, Arbeitsgemeinschaft Ökologischer Landbau, Stiftung Ökologie und Landbau (1999), 'Zentrale Markt- und Preisberichtsstelle für Erzeugnisse der Land-, Forst- und Ernährungswirtschaft GmbH', Customer Services Department, Bonn.
- ZMP, Arbeitsgemeinschaft Ökologischer Landbau, Stiftung Ökologie und Landbau (2003), 'Zentrale Markt – und Preisberichtsstelle für Erzeugnisse der Land-, Forst- und Ernährungswirtschaft GmbH', Bonn.

INTERNET SOURCES

- <http://www.bmvbw.de/Leitfaden-nachhaltiges-Bauen-.565.htm>
- <http://www.detnaturligasteget.se>
- <http://www.idis2.com>
- <http://www.kompetenzzentrum-iemb.de>
- <http://www.press.detr.gov.uk/0101/0028.htm>
- <http://www.sozialestadt.de>
- <http://www.sustainable-development.gov.uk/indicators/headline/index.htm>
- <http://www.unglobalcompact.org/Portal/Default.asp>
- <http://www.zeri.org>

