

Road Taxes, Road User Charges and Earmarking

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Abstract

The UK Road Fund was set up in 1921 and financed by earmarked taxes, but was unsuccessful as a form of road finance and abandoned in 1937. The paper examines why earmarking failed and what problems arise for replacing road taxes by hypothecated road charges. These charges would need to be regulated and could evolve into a more efficient system of road pricing. The paper claims that recent experiences with regulating capital-intensive network industries make road user charging and the commercialisation of the public highway both feasible and desirable, but that recent government proposals for local earmarked taxes are inadequate.

REFERENCES

Automobile Association (1998), *Clearing the Air*, Basingstoke : AA.

[Google Scholar](#)

Bracewell-Milnes, B. (1991), 'Earmarking in Britain: theory and practice', in R. Teja and B. Bracewell-Milnes, *The Case for Earmarked Taxes*, London : Institute of Economic Affairs.

[Google Scholar](#)

Department of Transport (1995), *The Allocation of Road Track Costs 1996/97*, London : Statistics Directorate, Department of Transport.

[Google Scholar](#)

DETR (1998a), *Transport Statistics Great Britain*, 1998 edition, London : Department of the Environment, Transport and the Regions.

[Google Scholar](#)

DETR (1998b), *A New Deal for Transport: Better for Everyone*, Cm. 3950, London : The Stationery Office.

[Google Scholar](#)

DETR (1999), *Breaking the Logjam*, Department of the Environment, Transport and the Regions, <http://www.detr.gov.uk/logjam>.

[Google Scholar](#)

Highways Agency and Department of Transport (1995), *Roads DBFO Projects: Information and Pre-Qualification Requirements*, February.

[Google Scholar](#)

HMSO (1993), *Paying for Better Motorways*, London : HMSO.

[Google Scholar](#)

Institution of Civil Engineers (1996), *Which Way Roads?*, London : Institution of Civil Engineers.

[Google Scholar](#)

Institution of Civil Engineers (1997), *Paying for Transport: Improving Quality and Choice*, London : Institution of Civil Engineers.

[Google Scholar](#)

Jeffreys, R. (1949), *The King's Highway*, London : Batchworth.

[Google Scholar](#)

Maddison, D., Pearce, D., Johansson, O., Calthrop, E., Litman, T. and Verhoef, E. (1996), *Blueprint 5: The True Costs of Road Transport*, London : Earthscan.

[Google Scholar](#)

McCleary, W. (1991), 'The earmarking of government revenue: a review of some World Bank experience', *World Bank Research Observer*, vol. 6, pp. 81–104.

[Google Scholar](#)

Newbery, D. M. (1988), 'Road user charges in Britain', *Economic Journal*, conference volume, pp. 161–76.

[Google Scholar](#)

Newbery, D. M. (1989), 'Cost recovery from optimally designed roads', *Economica*, vol. 56, pp. 165–85.

[Web of Science®](#) | [Google Scholar](#)

Newbery, D. M. (1990), 'Pricing and congestion: economic principles relevant to pricing roads', *Oxford Review of Economic Policy*, vol. 6, no. 2, pp. 22–38.

[Google Scholar](#)

Newbery, D. M. (1994), 'The case for a public road authority', *Journal of Transport Economics and Policy*, vol. 28, pp. 325–54.

[Google Scholar](#)

Newbery, D. M. (1995), *Reforming Road Taxation*, Aldershot : Automobile Association.

[Google Scholar](#)

Newbery, D. M. (1997a), 'Determining the regulatory asset base for utility price regulation', *Utilities Policy*, vol. 6, pp. 1–8.

[Google Scholar](#)

Newbery, D. M. (1997b), 'Charging transport users for environmental and social costs', Cambridge University, Department of Applied Economics, mimeo.

[Google Scholar](#)

Newbery, D. M. and Pollitt, M. G. (1997), 'The restructuring and privatisation of the CEGB: was it worth it?', *Journal of Industrial Economics*, vol. 45, pp. 269–303.

[Web of Science®](#) | [Google Scholar](#)

New Zealand Ministry of Transport (1997), *Options for the Future: Land Transport Pricing Study*, Auckland : Ministry of Transport.

[Google Scholar](#)

Ofwat (1998), *Prospects for Prices: A Consultation Paper on Strategic Issues Affecting Future Water Bills*, Birmingham : Office of Water Services.

[Google Scholar](#)

Pearce, D., Turner, R., O'Riordan, T., Adger, N., Atkinson, G., Brisson, I., Brown, K., Dubourg, R., Frankhauser, S., Jordan, A., Maddison, D., Moran, D. and Powell, J. (1993), *Blueprint 3: Measuring Sustainable Development*, London : Earthscan.

[Google Scholar](#)

Royal Commission on Environmental Pollution (1994), *Transport and the Environment*, 18th Report, Cm 2674, London : HMSO.

[Google Scholar](#)

Stationery Office (1998), *New Ambitions for Britain: Financial Statement and Budget Report*, London : The Stationery Office.

[Google Scholar](#)

Stationery Office (1999), *Building a Stronger Economic Future for Britain: Economic and Fiscal Strategy Report and Financial Statement and Budget Report*, London : The Stationery Office.

[Google Scholar](#)

System of National Accounts 1993 (1993), Brussels / Luxemburg , New York , Paris and Washington , DC : *Commission of the European Communities, International Monetary Fund, Organisation for Economic Co-operation and Development*, United Nations and World Bank (manufactured in the US).

[Google Scholar](#)

Tinch, R. (1995), *The Valuation of Environmental Externalities*, London : Department of Transport.

[Google Scholar](#)

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