

Explaining the Australian Local Government Infrastructure Expenditure Backlog: A Market Failure Approach

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Abstract

Most local government systems across the developed world exhibit significant local infrastructure backlogs and Australian local government is no exception. While most of the scholarly literature has focused on ameliorating the problem, comparatively little effort has been expended on explaining the emergence of the local infrastructure backlogs. This paper addresses this question by employing a market failure theoretical framework to better understand gaps occurring in local government infrastructure both in Australia and elsewhere. We show how these gaps indicate local authorities are discounting infrastructure investment at higher rates than for local services.

References

Access Economics (2006a), *Local Government Finances in NSW: An Assessment, Interim Report, Volume 2*, Independent Inquiry into the Financial Sustainability of NSW Local Government, Sydney.

 | [Google Scholar](#) |

Access Economics (2006b), *Local Government Finances in Western Australia. An Assessment*, Canberra.

 | [Google Scholar](#) |

Bass, B.M. (1985), *Leadership and Performance Beyond Expectations*. Chapter 2, N.Y. Free Press, New York.

 | [Google Scholar](#) |

Becker, G. (1983), 'A Theory of Competition among Pressure Groups for Political Influence', *Quarterly Journal of Economics*, **98**, 371–400.

Besley, T. (2006), *Principled Agents*. Oxford University Press, Oxford.

[Google Scholar](#)

Breton, A. (1995), *Competitive Governments*. Cambridge University Press, Cambridge.

[Google Scholar](#)

Buchanan, J.M. and Tulloch, G. (1962), *The Calculus of Consent*. University of Michigan Press, Ann Arbor.

[Google Scholar](#)

Byrnes, J.D., Dollery, B.E., Crase, L. and Simmons, P. (2008), 'Resolving the Infrastructure Crisis in Local Government: A Bond Market Issue Approach Based on Local Council Income', *Australasian Journal of Regional Studies*, 14(2), 115-31.

[Google Scholar](#)

Commonwealth Grants Commission (CGC) (2001), *Review of the Operation of Local Government (Financial Assistance) Act 1995*. Commonwealth Grants Commission, Canberra.

[Google Scholar](#)

Courant, P.N., Gramlich, E.M. and Rubinfeld, D.L. (1978), 'The Stimulative Effects of Intergovernmental Grants: Or Why Money Sticks Where It Hits', in Mieszkowski, P., Oakland & W. H (eds.), *Fiscal Federalism and Grants-in-Aid*. Urban Institute Press, Washington, D.C., 1979.

[Google Scholar](#)

Diamond, P. (1967), 'The Role of a Stock Market in a General Equilibrium Model with Technological Uncertainty', *American Economic Review*, 57 (September), 759-76.

[Google Scholar](#)

Dollery, B.E. and Mounter, S. (2010), 'Local Government Investment, Maintenance and Renewal: A Comparative Analysis of Contemporary Australian and New Zealand Local Government', *Australasian Journal of Regional Studies*, 16 (2), 217-32.

[Google Scholar](#)

Dollery, B.E. and Wallis, J.L. (1997), 'Market Failure, Government Failure, Leadership and Public Policy', *Journal of Interdisciplinary Economics*, 8 (2), 113-26.

[Google Scholar](#)

Dollery, B.E. and Wallis, J.L. (2001), *The Political Economy of Local Government*. Edward Elgar, Cheltenham.

[Google Scholar](#)

Dollery, B.E. and Worthington, A.C. (1996), 'The Empirical Analysis of Fiscal Illusion', *Journal of Economic Surveys*, **10** (3), 261-98.

[Google Scholar](#)

Dollery, B.E., Byrnes, J.D. and Crase, L. (2007), 'The Infrastructure Crisis in Australian Local Government: A Proposed Federal Asset Fund Solution', *Australasian Journal of Regional Studies*, **13** (1), 3-19.

[Google Scholar](#)

Dollery, B.E., Kortt, M.A. and Grant, B. (2011), 'Tackling the Australian Local Government Infrastructure Backlog: The Case for a National Bond Bank', in P. Hoek (ed.), *A Global Economy*. Forum for Economists International, Amsterdam; 116-30.

[Google Scholar](#)

Dollery, B.E., Kortt, M. and Grant, B. (2012), 'Harnessing Private Funds to Alleviate the Australian Local Government Infrastructure Backlog', *Economic Papers*, **31** (1), 114-22.

[Google Scholar](#)

Dollery, B.E., Kortt, M. and Grant, B. (2013) 'Funding the Future: Financial Sustainability and Infrastructure Finance in Australian Local Government', Federation Press, Sydney, xi + 276

[Google Scholar](#)

Ernst and Young (2012), *Strong Foundations for Sustainable Local Infrastructure: Connecting Communities, Projects, Finance and Funds*, Commonwealth Department of Regional Australia. Local Government the Arts and Sport, Canberra.

[Google Scholar](#)

Grossman, G. and Helpman, E. (1994), 'Protection for Sale', *American Economic Review*, **84**, 833-850.

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

House of Representatives Standing Committee on Economics, Finance and Public Administration "Hawker Report" (2004), *Rates and Taxes*. Government of Australia, Canberra.

[Google Scholar](#)

Local Government Association of Queensland (LGAQ) (2006), *Size, Shape and Sustainability*. LGAQ, Brisbane.

[Google Scholar](#)

Local Government Association of Tasmania (LGAT) (2007), *Review of the Financial Sustainability of Local Government in Tasmania*. LGAT, Hobart.

[Google Scholar](#)

Municipal Association of Victoria (MAV) (2005), *Trends in Local Government Finance*. Municipal Association of Victoria, Melbourne.

[Google Scholar](#)

NSW Independent Inquiry into Local Government (LGI) ('Allan Report') (2006), *Are Councils Sustainable*. LGI, Sydney.

[Google Scholar](#)

NSW Independent Pricing and Regulatory Tribunal (IPART) (2009), *Review of the Revenue Framework for Local Government*. NSW Government, Sydney.

[Google Scholar](#)

Olson, M. (1965), *The Logic of Collective Action*. Harvard University Press, Cambridge.

[Google Scholar](#)

Peltzman, S. (1976), 'Towards a More General Theory of Regulation', *Journal of Law and Economics*, 19, 211-40.

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

PriceWaterhouseCooper (PWC) (2006), *National Financial Sustainability Study of Local Government*. PWC, Sydney.

[Google Scholar](#)

Productivity Commission's (PC) (2008), *Assessing Local Government Revenue Raising Capacity*. PC, Canberra.

[Google Scholar](#)

South Australian Financial Sustainability Review Board (FSRB) (2005), *Rising to the Challenge*. FSRB, Adelaide.

[Google Scholar](#)

Stigler, G.J. (1971), 'The Theory of Economic Regulation', *Bell Journal of Economics*, 2, 3-21.

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

Western Australian Local Government Association (WALGA) (2006), *Systemic Sustainability Study*. WALGA, Perth.

[Google Scholar](#)

Wolf, C. (1989), *Markets or Governments: Choosing between Imperfect Alternatives*. MIT Press, Cambridge, MA.

[Google Scholar](#)

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