# References

### Primary sources - consultation meetings

#### Tanzania

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- Uganda Securities Exchange: chief executive
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#### Pakistan

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- International Finance Corporation: country head
- Karachi Megacity Development Project: deputy project director
- National Bank of Pakistan: senior executive vice president
- Standard Chartered Bank: head of project and export finance
- State Bank of Pakistan: executive director, development finance
- United Bank Limited: executive vice president and group head
- World Bank: country director

#### Bangladesh

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- Government of People's Republic of Bangladesh, Ministry of Finance: joint secretary
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- The World Bank: senior urban specialist
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## Secondary sources

- Ahmad, Ehtisham, Giorgio Brosio and Maria Gonzalez (2006) Uganda: Managing More Effective Decentralization. International Monetary Fund (IMF) Working Paper, WP/06/279. Washington, DC: IMF.
- Ahmad, Junaid (1996) 'The Structure of Urban Governance in South African Cities'. In *International Taxation and Public Finance* 3(2): pp. 193–213.
- Ahmad, Junaid, et al. (2005) Decentralization and Service Delivery. World Bank Policy Research Working Paper 3603. Washington, DC: World Bank. See: http://www.econ.worldbank.org
- Annez, Patricia (2006) Urban infrastructure finance from private operators: what we have learned from recent experience? World Bank Policy Research Working Paper 4045. Washington, DC: World Bank.
- Asian Development Bank (ADB), Department for International Development (DFID) and World Bank (2004) Devolution in Pakistan: Annex 1 recent history. Islamabad: ADB/ DfID/World Bank publications.
- ADB (2006a) Urbanisation and Sustainability: Case Studies of Good Practice. Manila: Asian Development Bank Publications.

- ADB (2006b) Islamic Republic of Pakistan: Private Participation in Infrastructure Program, Proposed Program Cluster of Loans and Technical Assistance Grant. Manila: Asian Development Bank Publications.
- Bahl, Roy W (ed.) (1981) Urban government finance: Emerging trends. Urban Affairs Annual Reviews, Vol. 20. London: Sage Publications.
- Bahl, Roy W, and Johannes F Linn (1992) 'Urban government finance in the third world, A case study of the Philippines'. Praeger Publishers.
- Bank of Tanzania (2007) Monthly Economic Reviews. Dar es Salaam: Bank of Tanzania.
- Beck, Thorsten, and Rahman, Md Habibur (2006) Creating a more efficient financial system: challenges for Bangladesh. Washington, DC: World Bank Policy Research Working Paper.
- Bird, Richard M (1980) 'Central local fiscal relations and the provision of urban public services'. Research Monograph number 30. Canberra: Centre for Research on Federal Financial Relations, The Australian National University.
- Bird, Richard M (2001) 'Setting the stage: Municipal and intergovernmental finance'. In Mila Friere and Richard Stern (eds.) *The challenge of urban government policies and practices*. Washington, DC: World Bank Institute, pp. 113–128.
- Bangladesh Municipal Development Fund (BMDF) (2007) Bangladesh Municipal Development Fund Note. Dhaka: BMDF.
- Braathen, Einar, Among Chaligha and Odd-Helge Fjeldstad (2005) Local Governance, Finances and Service Delivery in Tanzania. NIBR/CMI/REPOA Joint Working Paper. Oslo: Norwegian Institute for Urban and Regional Research.
- City District Government Karachi (2007). Available at: www.karachicity.gov.pk [accessed 8 April 2009]
- Chartered Institute of Public Finance and Accountancy (CIPFA) (2005) Hallmark for delivering effective Local Public Services: Discussion Paper. See: www.cipfa.org.uk [last accessed 12 November 2009]
- Cheema, Ali, Asim Ijaz Khwaja and Adnan Qadir (2007) 'Local Government Reforms in Pakistan: Context, Content and Causes'. Forthcoming in Decentralization and Local Governance in Developing Countries: A Comparative Perspective. Massachusetts: MIT Press.
- Chowdhury, Amirul Islam (2004) Instruments of Local Financial Reform and their Impact on Service Delivery: Institutional and Development Concerns Case Studies of India and Bangladesh. Available at: http://www.saneinetwork.net/pdf/SANEI\_VI/Instr%20of% 20Local%20Fin%20Reform.pdf [last accessed 27 March 2009]
- Commonwealth Local Government Forum (CLGF) (2007a), Country Profile Tanzania. London: Commonwealth Local Government Forum.
- CLGF (2007b) Country Profile Uganda. London: Commonwealth Local Government Forum.
- CLGF (2007c) Country Profile Pakistan. London: Commonwealth Local Government Forum.
- CLGF (2007d) Country Profile Bangladesh. London: Commonwealth Local Government Forum.
- Commonwealth Secretariat (2009) Topic guide on decentralisation. Available online: http://www.thecommonwealth.org/decentralisationguide [last accessed 12 November 2009]

- Danish International Development Agency (Danida) (2000) Fiscal Decentralisation and Subnational Government Finance in Relation to Infrastructure and Service Provision in Uganda, March 2000. Copenhagen: Danida.
- Dirie, Ilias (2006) Municipal Finance: Innovative Resourcing for Municipal Infrastructure and Service Provision, Report for the Commonwealth Local Government Forum. Coventry: CLGF, Comhabitat.
- Dar es Salaam City Council (2004) Dar es Salaam City Profile, November 2004. Dar es Salaam: City Council.
- East African Business Week (2007) 'Savings culture can aid Uganda in the fight against poverty', 13 August 2007.
- Ebel, Robert D and Francois Vaillancourt (2001) 'Fiscal decentralization and financing urban governments: framing the problem', in Mila Freire and Richard Stern (eds.) The challenge of urban government policies and practices. Washington, DC: the World Bank Institute.
- El-Daher, Samir (1997) 'Municipal bond markets: Experience of the USA'. Infrastructure notes, Transportation, Water and Urban development. Washington, DC: World Bank.
- El-Daher, Samir (2000) 'Specialized financial intermediaries for local government: A market-based tool for local infrastructure finance'. Infrastructure notes, Urban sector. Washington, DC: World Bank.
- Epstein, Peter, George E Paterson, Juliana H Pigey, Michael DeAngelis and Sarn Shere (2000) 'Municipal credit market development in Bulgaria; Policy and legal framework'. East European Regional Housing Sector Assistance Project, The Urban Institute. Available at: www.urban.org/PDF/bulg\_credit.pdf [retrieved 17 July 2005]
- Fahim, Mayraj (2005) Karachi's federated structure has led to more responsive city government. Local Government Advisor. Available at: http://www.citymayors.com/government/karachi\_government.html [last accessed 27 March 2009]
- Fernholz (2005) Mobilization of Private Capital in Bogotá, Colombia. RTI International, Municipal Finance Task Force. See: http://www.mftf.org/resources/index.cfm?fuseaction=pubdetail&ID=155 [last accessed 6 April 2009]
- Freire, Mila, John Petersen, Marcela Huertas, Miguel Valadez (eds.) (2004) Subnational capital markets in developing countries from theory to practice. Washington, DC: World Bank Institute.
- Gomez-Ibanez, Jose A (2008) Private infrastructure in developing countries. Working paper 43. World Bank on behalf of the Commission on Growth and Development. See: www.growthcommission.org [last accessed 12 November 2009]
- Government of Sindh (2007) Budget Analysis 2007–08, Finance Department. Karachi: Government of Sindh.
- Hussain, Anwar (2004) The Missing Link: Sustainable Municipal Finance Strategies and Emergence of Municipal Development Fund (BMDF). Hanoi: City Development Strategies, Cities Alliance.
- Infrastructure Finance Corporation Ltd (INCA) (2005) Assessment of Sub-Sovereign Financing in Sub-Saharan Africa to IFC, INCA Initiative [unpublished working paper].
- Institute for Global Environmental Studies (2003) TransMilenio Bus Rapid Transit System of Bogotá, Colombia, Good Practices Inventory. Asia-Pacific Environmental Innovation Strategies (APEIS), Good Practices Inventory.

- International Finance Corporation (IFC) (2004) Structured Finance City of Johannesburg. Available at: http://www.ifc.org/ifcext/treasury.nsf/AttachmentsByTitle/SF\_Joburg/\$FILE/Joburg.pdf [last accessed 27 March 2009]
- IFC (2007) Uganda Mortgage Finance Programme. Available at: http://www.ifc.org/ifcext/spiwebsite1.nsf/0/739e49e392e9fe2c852572a000475811?OpenDocument [last accessed 27 March2009]
- International Investor (2007), 'The DBSA: Financing Infrastructure Development in South Africa'
- International Monetary Fund (2002) Government Finance Statistics. Washington, DC: IMF. See: http://www.imfstatistics.org/gfs/ [last accessed 6 April 2009]
- International Monetary Fund (IMF) (2007a) Public Information Notice: IMF Executive Board Concludes 2007 Article IV Consultation with the United Republic of Tanzania. Available at: http://www.imf.org/external/np/sec/pn/2007/pn0779.htm [last accessed 27 March 2009]
- IMF (2007b) World Economic Outlook Database. Washington, DC: IMF.
- Investment Climate Assessment (ICA) (2004) Investment Climate Assessment Improving Enterprise Performance and Growth in Tanzania. Washington, DC: World Bank, IFC. Available at: http://www.ifc.org/ifcext/economics.nsf/AttachmentsByTitle/IC-tanzania.pdf/\$FILE/IC-tanzania.pdf [last accessed 6 April 2009]
- IPP Media (2005) 'Government dumps City Water'. 14 May 2005, The Guardian Limited.
- IRIN Africa (2007) 'Senegal: A model for water provision in urban Africa?' Friday 14 September 2007, Dakar.
- Islam, Nazrul (2006) Bangladesh, in Asian Development Bank (ADB) (2006c) Urbanisation and Sustainability: Case Studies of Good Practice, November 2006. Manila: ADB Publications.
- Kampala City Council (KCC) (2007a) City Council of Kampala District Annual Budget 2007-08. Kampala: KCC.
- KCC (2007b) Kampala City Council Local Revenue Enhancement Plan 2007/08–2009/10 (draft). Kampala: Directorate of Finance and Planning KCC.
- KCC (2007c) Financial Recovery and Action Plan. Kampala: KCC.
- Kampala CDS (2003) Kampala City Development Strategy. UN-Habitat, Lake Victoria: CDS Publications.
- Kanyama, Ahmad, Annika Carlsson-Kanyama, Anna-Lisa Linden and John Lupala (2004) Public Transport in Dar es Salaam. Stockholm: Royal Institute of Technology. Available at: http://www.foi.se/upload/framsyn/05/foi-memo-1123-tanzania.pdf [last accessed 6 April 2009]
- Kardar, Shahid (2003) 'Pakistan'. In Yun-Hwan Kim (ed.) Local Government Finance and Bond Markets. Manila: Asian Development Bank Publications.
- Kehew, Robert, Tomoko Matsukawa and John Petersen (2005) Local financing for subsovereign infrastructure in developing countries: Case studies of innovative domestic credit enhancement entities and techniques. Discussion Paper no.1, Infrastructure, Economic and Finance department. Washington, DC: World Bank.
- Kim, Yun-Hwan (2003) Local Government Finance and Bond Markets. Manila: Asian Development Bank Publications.

- Kitabire, Damoni (2005) 'Capital Market Development in Uganda'. In Africa in the World Economy The National, Regional and International Challenges. The Hague: FONDAD.
- Lwasa, S (2004) Urban Expansion Processes of Kampala in Uganda: Perspectives on contrasts with cities of developed countries. Urban Expansion: The Environmental and Health Dimensions, Cyberseminar, Population-Environment Research Network (PERN).
- Manning, N, D Porter, J Charlton, M Cyan and Z Hasnain (2003) Devolution in Pakistan Preparing for Service Delivery Improvements. Pakistan: World Bank.
- Marfitsin, Valeri V, Lioudmila Tokoun, Pavel Makagonov and V Ivanov (1997) 'Russian: Regional and Local Borrowing'. In Phelps, Priscilla (ed.) Municipal Bond Market Development, USAID Finance Working Papers, pp. 71–80. Washington, DC: USAID.
- Megacities (2007) Megacities-Dar es Salaam, Working Paper 3, Trunk Infrastructure and Urban Growth Managing Rapid Urbanisation in Poverty in Dar es Salaam, Tanzania, October 2007. http://www.raumplanung.uni-dortmund.de/irpud/megacities/docs/Report\_Workshop\_3\_DSM\_Jan2007.pdf
- Musgrave, Richard A (1959) The Theory of Public Finance: A study in public economy. New York: McGraw-Hill book Company Inc.
- Mukwaya, Isolo Paul (2004) Urban Change in Uganda: The challenge of managing urban areas in a global environment. Paper for the College of Urban Planning and Public Affairs (CUPPA) conference at the University of Illinois Chicago USA 22–24 July 2004.
- National Reconstruction Bureau (NRB) (2009) Government of Pakistan. Available at: www.nrb.gov.pk [accessed 8 April 2009]
- Nyakaana, JB et al. (2007) Population, Urban Development and the Environment in Uganda: The Case of Kampala City and its Environs. Makere University.
- Oates, Wallace E (1993) Fiscal Federalism (second edition). Aldershot: Gregg Revivals.
- Overseas Development Institute (ODI) (2005) Local Government Public Financial Management Assessment 2005. London: ODI.
- Organisation for Economic Co-operation and Development (OECD) (2007) African Economic Outlook 2007. Available at: http://www.oecd.org/dataoecd/26/62/38563053.pdf [last accessed 27 March 2009]
- Orial, Lydia N (2003) 'Philippines'. In Kim, Yun-Hwan, Local government finance and bond markets. Manila: ADB Publications, pp. 385–428.
- Qasim, Muhammad (2006) Status of Implementation of LGO 2001, Primary Research Study of Four City Districts. Islamabad: Decentralisation Support Programme, Finance Division, Government of Pakistan. Available at: http://www.decentralization.org.pk/docs/Implementation%20of%20LGO-Report.pdf [last accessed November 2009]
- People Daily (2007) 'Uganda's social security fund available for lending'. People daily online, 24 June 2007. Available at: http://english.peopledaily.com.cn/200706/24/eng20070624\_387107.html [last accessed 27 March 2009]
- Peterson, George E (1996) Using municipal development funds to build municipal credit markets. The Government of India and the World Bank, retrieved from www.worldbank.org/html/fpd/urban/mun\_fin /toolkit/77p.pdf
- Peterson, George E (2000) 'Building local credit systems'. Background series, Municipal Finance. Washington, DC: World Bank, Urban Management Programme. Available at: www.urban.org/PDF/credit-systems.pdf [last accessed 6 April 2009]

- Peterson, George E (2003) Banks or Bonds? Building a municipal credit market. Washington, DC: the Urban Institute, retrieved from www.oecd.ord/dateoecd/59/56/21559374.pdf [5 August 2005]
- Phelps, Priscilla (ed.) (1997) Municipal Bond Market Development. USAID Finance Working Papers, Environmental and Urban Programs Support Project no. 940–1008. Retrieved from www.dec.org/pdf\_docs/PNACC385.pdf [10 August 2005]
- Public Private Infrastructure Advisory Facility (PPIAF) (2006) Review of risk mitigation instruments for infrastructure financing and recent trends and developments. Washington, DC: PPIAF.
- The Republic of Uganda (2002) Fiscal Decentralisation in Uganda, Draft Strategy Paper. Kampala: The Republic of Uganda.
- The Republic of Uganda (2006) Decentralisation Policy Strategic Framework, Ministry of Local Government. Kampala: The Republic of Uganda.
- The Republic of Uganda (2005) Joint Assistance Strategy for the Republic of Uganda (2005–2009), Kampala. Available at: http://www.danidadevforum.um.dk/NR/rdonlyres/C9D237C4-210F-4E25-AEF1-98DE2BA3D171/0/JASUganda20052009.pdf [last accessed 6 April 2009]
- Shah, MA (2003) ADB's Involvement in Water Supply and Sanitation Sector in Pakistan. Speech on 5 December 2003, Lahore.
- Siddiqui, Kamal (2004) Megacity Governance in South Asia: A Comparative Study. Dhaka: University Press.
- Suzuki (2001) PARANACIDADE 2000, Achievement and Challenge of Paraná State Urban Development Fund (FDU) and PARANACIDADE. Washington, DC: World Bank.
- United Nations (2005) Public-Private Partnerships for Service Delivery: Water and Sanitation, United National Economic and Social Council, Economic Commission for Africa. New York: UN.
- United Nations (2006) World Urbanisation Prospects: The 2005 Revision. Department of Economic and Social Affairs, Population Division. New York: UN. Available at: http://esa.un.org/unup/ [last accessed 27 March 2009]
- UN Development Programme (UNDP) (2003) Fiscal Transfer to Local Government in Bangladesh, October 2003. Dhaka: UNDP.
- UN-Habitat (2003) The Sustainable Dar es Salaam Project 1992-2003. UN-Habitat, UNEP.
- UN-Habitat (2007) Situation Analysis of Informal Settlements in Kampala. UN-Habitat, UNEP.
- UN Population Fund (UNFPA) (2007) Life in the City: Pakistan in Focus. New York: UNFPA.
- United States Agency for International Development (USAID) (1997) USAID/Philippines Initiatives and Activities with the Private Sector. Retrieved from: www.usaid-ph.gov/documents/about/aid\_alliance.pdf pp. 1–5, [15 August 2005]
- USAID FIRE Project (2003) Pooled finance framework for Greater Bangalore water supply and sewerage project for eight cities in Bangalore Metropolitan Area, Project Development Report, India.
- The United Republic of Tanzania (2002) Household Budget Survey 2000/01. Dar es Salaam: The United Republic of Tanzania.

- The United Republic of Tanzania (2004) Tanzania Development Vision 2025. http://www.tanzania.go.tz/pdf/theTanzaniadevelopmentvision.pdf [last accessed 27 March 2009]
- The United Republic of Tanzania (2005) Local Government Fiscal Review 2004, Tanzania. Dar es Salaam: The United Republic of Tanzania.
- The United Republic of Tanzania (2006) PMO RALGM, The Framework for the Financing of Local Government Authorities in Tanzania, 2006. Dar es Salaam: Republic of Tanzania.
- The United Republic of Tanzania (2006a) Review of Recent Macro-economic Performance. Dar es Salaam: Ministry of Planning, Economy and Empowerment.
- The United Republic of Tanzania (2006b) Background Paper on Local Government Finance: The Framework for the Financing of Local Government Authorities in Tanzania, April 2006. Dar es Salaam: The United Republic of Tanzania.
- The United Republic of Tanzania (2006c) Local Government Fiscal Review 2005, Tanzania. Dar es Salaam: The United Republic of Tanzania.
- The United Republic of Tanzania (2007a) Annual Assessment of Minimum Conditions and Performance Measures For Local Councils under the LGCDG [local government capital development grants] System for Financial Year 2007/08. PMO-RALG, National Synthesis Report, April 2007. Dar es Salaam: The United Republic of Tanzania.
- The United Republic of Tanzania (2007b) Local Government Fiscal Review 2006, Tanzania. Dar es Salaam: The United Republic of Tanzania.
- The United Republic of Tanzania (2007c) PMO-RALG, LGA Annual Consolidated Financial Reports for Fiscal Year 2005/06. Dar es Salaam: The United Republic of Tanzania.
- Venkatachalam, P (2005) Innovative Approaches to municipal infrastructure financing: A case study on Tamil Nadu, India. Working Paper 68. London School of Economics: Development Studies Institute.
- Venkatachalam, P (2007) Municipal Finance Systems in Conflict Cities: Case Studies on Ahmedabad and Srinagar, India. Working Paper 15. London: Crisis States Research
- Vera, R and Y Kim (2003) Addressing Urban Infrastructure Needs of the Poor: the Tamil Nadu Experience of Public Private Partnerships. Paper presented at Shanghai, 25–27 May 2004. World Bank, retrieved from: www.worldbank.org/wbi/reducingpoverty/docs/FullCases [20 August 2005]
- WaterAid (2003) Water Reforms and PSP in Dar es Salaam. WaterAid-Tanzania.
- WaterAid (2005) \$2 Billion Dollars the Cost of Water and Sanitation Millennium Development Targets for Tanzania. WaterAid-Tanzania.
- World Bank (1997) Bangladesh Municipal Finance Management Sector Study (Draft, May 1997). South Asia Region: World Bank.
- World Bank (2003) Dar es Salaam Water Supply and Sanitation Project. Washington, DC: World Bank.
- World Bank (2004a) The Republic of Uganda, Country Integrated Fiduciary Assessment 2004. Washington, DC: World Bank.
- World Bank (2004b) Innovative Contracts, Sound Relationships: Urban Water Sector Reform in Senegal. Water Supply and Sanitation Sector Board Discussion Paper Series,

- Paper No.1. Authors: Clarissa Brocklehurst and Jan G. Janssens. Washington, DC: World Bank
- World Bank (2005a) Public Financial Management Assessment. Washington, DC: World Bank.
- World Bank (2005b) Kampala Institutional and Infrastructure Development Project. Washington, DC: World Bank.
- World Bank (2006) World Development Indicators. Washington, DC: World Bank.
- World Bank (2006a) Local Government Support Project, Tanzania, Project Information Document. Washington, DC: World Bank.
- World Bank (2006b) Tanzania Water Resources Assistance Strategy. Washington, DC: World Bank.
- World Bank (2006c) Tanzania: Public Expenditure Review Annual Consultative Meeting Local Government Fiduciary Assessment. Joint Evaluation Report. Washington, DC: World Bank.
- World Bank (2006d) Uganda at a glance. Washington, DC: World Bank.
- World Bank (2006e) Pakistan at a glance. Washington, DC: World Bank.
- World Bank (2006f) Urban Water Sector Reform in Senegal: Innovative contract design to expand services to the poor. Washington, DC: World Bank.
- World Bank (2006g) Tanzania at a glance.
- World Bank (2007a) Project Appraisal Document, Tanzania Water Sector Support Project. Washington, DC: World Bank.
- World Bank (2007b) Bangladesh Dhaka: Improving Living Conditions for the Urban Poor. Washington, DC: World Bank.

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