

Curriculum Vitae

Martin A. Rodríguez Pardina PhD

Bio

Dr. Martín Rodríguez Pardina holds a Degree in Economics from the University of Córdoba (Argentina) and a MPhil in Development and a PhD in Economics both from the University of Cambridge (UK). Currently he is the Managing Partner of Ad Hoc Consulting a consulting firm specialized in regulation and private sector participation in infrastructure sectors. Martin has over 25 years of experience working as team leader in international projects in the areas of private sector participation and regulation of infrastructure sectors. He has acted as advisor to multilateral agencies, governments, regulators and utilities in sector restructuring processes, concession contract design and renegotiations, definition of tariff methodologies, tariff reviews, project appraisals and evaluations, arbitrations, etc. He has been project director in over 30 tariff determination processes in Latin America, Africa and Asia. Martín has a rich experience in Africa where he has worked as an energy and regulatory expert in several projects including sector reform in Mali and Morocco, tariff settings in Uganda, Ivory Coast, Cape Verde, Seychelles, regulatory information systems in Ghana, Cape Verde, Morocco among others.

Martin has published several articles on utility regulation in international journals and is the co-author of two books published by the World Bank and one published by IADB. Since 2009, Martin has been the anchor lecturer in a course on sector reform and regulation and another on financial modelling for tariff setting in the Power Futures Lab of the GSB - University of Cape Town in South Africa.

Personal Information

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|-----------------------|--------------------------|
| Name Personnel | Martín Rodríguez Pardina |
| Date of Birth: | 10/07/1961 |
| Nationality | Argentinian |

Education

| <u>School, college and/or University Attended</u> | <u>Degree/certificate or other specialized education obtained</u> | <u>Date Obtained</u> |
|----------------------------------------------------------------------|-------------------------------------------------------------------|----------------------|
| UNC - National University of Cordoba -, School of Economic Sciences, | Graduate Degree in Economics – <i>Licenciado en Economía</i> | 1984 |
| University of Cambridge | MPhil Economics & Politics | 1988 |
| University of Cambridge | PhD Economics | 1998 |

Employment record

| Period | Employing organization and your title/position. | Country | Summary of activities Performed |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From Oct 2020 | Employer: Ad-Hoc Consulting Services Position Held: Managing Partner | Argentina/ Uruguay | Advice to multilateral agencies, governments, regulators and utilities in utilities' restructuring processes, concession contract design and renegotiations, definition of tariff methodologies, tariff reviews, project appraisals and evaluations. Design and setting up of regulatory agencies in Latin America, Africa and Asia. |
| From 1995 Oct 2020 | Employer: MacroConsulting S.A. Position held: Managing Partner 2002-2010 Chief Economist 2010-202 | Argentina | |
| From 1997 to 2001 | Employer: Universidad Argentina de la Empresa Position held: Executive Director, Center of Economic Regulation, Universidad Argentina de la Empresa (UADE). | Argentina | Research on regulatory economics and policy. |

Countries of Work Experience

Argentina, Brazil, Perú, Bolivia, Uruguay, Chile, Mexico, Nicaragua, Costa Rica, Jamaica, Suriname, Cape Verde, South Africa, Mali, Ivory Coast, Burundi, Ghana, Uganda, Jordan, Morocco, Eswatini, India, Bangladesh, Sri Lanka, Vietnam, Laos, Myanmar.

Membership in Professional Associations

Consejo Profesional de Ciencias Económicas – Buenos Aires

Languages

| Language | Speaking | Oral Understanding | Reading | Writing |
|------------|-----------|--------------------|-----------|-----------|
| Spanish | Native | Native | Native | Native |
| English | Excellent | Excellent | Excellent | Excellent |
| Portuguese | Poor | Good | Good | Poor |

Publications:

Books

- *Regulação Economica-Financeira: O Caso do Estado de São Paulo* – with Hugo Sergio de Oliveira and Juan Tarelli – BID / Arsesp 2013
- *Managing an Electricity Shortfall - A Guide for Policymakers* – with Pierre Audinet World Bank 2010
- *Accounting for Infrastructure Regulation: An Introduction* – with Richard Schlirf and Eric Groom – World Bank 2008.
- *Resetting Price Controls for Privatized Utilities: A Manual for Regulators* – con Richard Green – EDI – World Bank - 1999.

Papers

- *Argentina Case Study - International experiences in designing and implementing Renewable Energy Auctions for sub-Saharan Africa - Energy and Economic Growth Research Programme* – with Julieta Schiro – GSB - UCT – Cape Town – forthcoming
- *Taking Stock of Economic Regulation of Power Utilities in the Developing World. A Literature Review* - with Julieta Schiro. Policy Research Working Paper 8461. Energy and Extractives Global Practice, May 2018. The World Bank.
- *Water and Sanitation: Environmental impact of infrastructure economic, technologic and regulatory policies on climate change mitigation and adaptation. (Agua y saneamiento: Impacto ambiental de medidas económicas, tecnológicas y de regulación en*

infraestructura urbana para la mitigación y adaptación al cambio climático) – with Julieta Schiro – CEPAL. (2013)

- How Infrastructure Regulation is Adapting to Climate Change: A Review of Recent Changes in Electricity and Water Regulation – With Daniel Benitez – World Bank – 2010.
- Governance Mechanisms for the Electricity Market in Argentina: Critical Analysis and International Comparison. In Trends in Infrastructure Regulation and Finance – Edited by Christian von Hirschhausen, Thorsten Beckers and Kay Mitusch – Edward Elgar Publishing – UK 2004
- Designing Capacity Markets: Electricity in Argentina – with José A. Gómez-Ibañez in Regulating Infrastructure, Monopoly, Contracts and Discretion - José A. Gómez-Ibañez – Harvard University Press 2003
- An Introduction to Financial and Economic Modelling for Utility Regulators - with A. Estache, J.M. Rodríguez y G. Sember- World Bank Policy Research Working Paper 3001, 2003
- Reforming the electricity sectors in the Southern Cone: The Chilean and Argentine Experiments – with Antonio Estache – in Regulatory Policy in Latin America; Post-Privatization Realities – Edited by L. Manzetti – North South Center Press 2000
- Reforming the electricity sectors in the Southern Cone: The Chilean and Argentine Experiments – with Antonio Estache – Infrastructure Journal 2000
- The cost of capital in regulated firms: the argentine experience. – with O. Chisari and M. Rossi – World Meeting of the International Economic Association, Buenos Aires, Argentina, August 1999.
- Light and lightning at the end of the public tunnel: The reform of the electricity sector in the Southern Cone – with Antonio Estache – Policy Research Working Paper 2074 – The World Bank - March 99
- Efficiency Frontiers in Electricity Distribution: The South American Experience – with M. Rossi y C. Ruzzier CEER Working Papers - Mayo 1999) and XX Encontro Brasileiro de Econometría, Vol II, pp 381-400. 1998.
- Efficiency Measures and Regulation: An Illustration of the Gas Distribution Sector in Argentina – with Martín Rossi – CEER Working Papers - April 1999 and Anales de la XVI Latin American Meeting of the Econometric Society 1998
- Cost of capital in regulated companies: incentives and methodology (El costo de capital en empresas reguladas: incentivos y metodología) - with O. Chisari and M. Rossi - Desarrollo Económico, Vol. 38, No. 152, pp. 953-984. 1998.
- Exploring market-based options for a reformed Brazilian Electricity Sector – with Antonio Estache - Economic Notes Number 12 - Country Dept 1 - The World Bank – 1996
- Regulatory Lessons from Argentina’s Power Concessions - Viewpoint Note No 93 - The World Bank - September 1996
- A portable description of Electricity Regulation in Argentina - Mimeo - The World Bank - LA11N - March 1995.

- A portable description of Water and Sanitation Regulation in Argentina - Mimeo - The World Bank - LA1IN - March 1995.
- A portable description of Transport Privatization and Regulation in Argentina - Mimeo - The World Bank - LA1IN - March 1995.
- Comparison of Regulatory Frameworks in Argentina (Water, Roads, Electricity, Ports and Rails) (Comparación de Marcos Regulatorios en Argentina (Agua, Caminos, Electricidad, Puertos y Trenes)) - Mimeo - Banco Mundial 1995
- Contracts in the electricity market (Contratos en el Mercado Eléctrico) - Mimeo - ENRE 1994
- Enlargement of Transport Capacity (Ampliaciones de la Capacidad de Transporte) - Mimeo - ENRE 1994
- Privatization and Regulation of the Electricity Industry in Great Britain (Privatización y Regulación de la Industria Eléctrica en Gran Bretaña) - Contract ENRE-BID - Mimeo – 1993