



Centre for Energy and Environmental Markets Selected Research Overview

March 2013

China (中国)

- MacGill I.F. and Outhred H.R., 2007, Australian Climate Change Policy and its *Implications for Asia Pacific Partnership Countries, An invited paper for the China Energy Law International Symposium*, Beijing, April.
- Wang Q., Gao H., Wen F., MacGill, F., and Huang J, 2009, From command and control regulations to a business proposition: Creating a Chinese market for emissions trading, *Int. J. Energy Sector Management*, 3(1), pp.62-82.
- Wang Q., Yang A., Wen F., and MacGill I., 2009, Evaluation of Electricity Market Operating Performance in China, In Proc. IEEE PES 2009 General Meeting, Montreal, October.

Overall design issues (整体的设计问题)

- Bailey I., MacGill I.F., Passey R., and Compston H., 2012, "The Fall (and Rise) of Carbon Pricing in Australia: A Political Strategy Analysis of the Carbon Pollution Reduction Scheme," *Environmental Politics*, 21(5), pp. 691-711.
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Cap setting (目标的设定)

- Rogge, K., Schleich, J., Betz, R., Cozijnsen, J., Increasing the Ambition of EU Emissions Trading, A report for Greenpeace International, June 2006.
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Allocation (分配制度)

- Betz, R., Seifert S., Ehrhart K.-M., Greiner B., Ortman A., Schweitzer S., 2010, Experimental Testing of Possible Designs for the Australian Carbon Pollution Permit Allocation Auction, Final report for the Department of Climate Change & Energy Efficiency (DCCEE), Canberra.
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- Neuhoff, K., Ahman, M., Betz R., Cludius, J., Ferrario, F., Holmgren, K., Pal, G., Grubb, M., Matthes, F., Rogge, K., Sato, M., Schleich, J., Tuerk, A., Kettner, C., Walker, N., 2006, Implications of announced Phase 2 National Allocation Plans for the EU ETS, *Climate Policy*, vol. 6, no. 4, pp. 411-422.
- Grubb, M., Betz, R., Neuhoff, K. (Ed.) 2006, National allocation plans in the EU emissions trading scheme. Lessons and implications for phase II, *Climate policy*, vol 6, no. 4, Earthscan, London.
- Betz, R., Rogge, K., Schleich, J., 2006, EU Emission Trading: An Early Analysis of National Allocation Plans for 2008-2012, *Climate Policy*, vol. 6, no. 4, pp. 361-394.
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- Betz, R., Eichhammer, W., Schleich, J., 2004, Designing National Allocation Plans for EU Emissions Trading – A First Analysis of the Outcome, *Energy and Environment*, vol. 15, no. 3, pp. 375-425.
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Compliance incentives (政策激励)

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- Restiani, P., and Betz, R., 2010, A Theoretical Model of Optimal Compliance Decisions under Different Penalty Designs in Emissions Trading Markets, EERH Research Report No.86.

Coverage (政策的覆盖范围)

- Betz, R., Sanderson, T., Ancev, T., 2010, In or out: Efficient inclusion of installations in an Emissions Trading Scheme?, *Journal of Regulatory Economics*, vol. 37, Issue 2, pp 162-179.



- Betz, R., 2003, Emissionshandel zur Bekämpfung des Treibhauseffektes. Die Auswirkungen der Ausgestaltung auf die Transaktionskosten – am Beispiel Deutschland, IRB Verlag, Stuttgart.
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Flexibility: Banking and Borrowing (政策的灵活性: 存储和借用)

- Schleich, J., Betz, R., Ehrhart, K., Hoppe, C., Seifert, S., 2003, Simulating Emissions Trading in Southwest Germany, Proceedings of the 2003 eceee Summer Study. Time to turn down energy demand, 2-7 June 2003, Saint Raphaël, France, vol. 3, pp. 1023-1031.

Offset Mechanism (补偿机制)

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Power sector (电力部门)

- Balatbat, M., 2012, Performance Risk Associated with Renewable Energy CDM Project, *Journal of Management in Engineering*, Special Issue in Management for Sustainable Development
- Betz, R., Owen, T., 2010, The Implications of Australia's Carbon Pollution Reduction Scheme for its National Electricity Market, *Energy Policy*, vol. 38, Issue 9, pp. 4966-4977.
- Elliston B, I.F. MacGill and M. Diesendorf (2013) "Least cost 100% renewable electricity scenarios in the Australian National Electricity Market," *forthcoming in Energy Policy*.



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- Vithayasrichareon, P. and MacGill, I.F., 2012, A Monte Carlo Based Decision-Support Tool for Assessing Generation Portfolios in Future Carbon Constrained Electricity Industries, *Energy Policy* 41, pp. 374-392.
- Vithayasrichareon, P., MacGill, I.F., and Nakawiro, T., 2012, Assessing the Sustainability Challenges for Electricity Industries in ASEAN Newly Industrializing Countries, *Renewable and Sustainable Energy Reviews*, 16(4), May, pp. 2217–2233.
- Cutler, N.J., Boerema, N., MacGill, I.F. and Outhred, H.R., 2011, High penetration wind generation impacts on spot prices in the Australian NEM, *Energy Policy*, 39, p5939–5949.
- Liu, G., Wen, F., and MacGill. I., 2011, Optimal timing for generation investment with uncertain emission mitigation policy,, *European Transactions Electrical Power*, 21, p1015–1027.
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Market Design (市场机制设计)

Betz, R., Gunnthorsdottir, Anna, 2009, Modelling emissions markets experimentally: The impact of price uncertainty, In Anderssen, R.S., R.D. Braddock and L.T.H. Newham (eds), *18th World IMACS Congress and MODSIM09 International Congress on Modelling and Simulation*. Modelling and Simulation Society of Australia and New Zealand and International Association for Mathematics and Computers in Simulation, July 2009, pp.1418-1424.

Linking of Schemes (政策间的连接)

Jotzo, F., Betz, R., 2009, Australia's emissions trading scheme: opportunities and **obstacles for linking**, *Climate Policy*, vol. 9, pp. 402–414.

Betz, R., Stafford, A., 2008, The policy issues arising with the linking of international emissions trading schemes, *Australian Resources and Energy Law Journal*, **special issue on Emissions Trading**, vol. 27, no. 1, pp 86-104.

Interaction with other Policies (与其他政策的相互影响)

Twomey, P., Betz, R., MacGill, I. and Passey, R., 2012, Additional Action Reserve: A proposed mechanism to facilitate additional voluntary and policy emission reductions efforts in emissions trading schemes, *Climate Policy*, vol. 12, Issue 4, pp. 424-439.

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Accounting (会计学)

Balatbat, M., 2012, Does consideration matter to China's split share structure reform?, *Accounting and Finance*

Distributional Impacts (分配效应)

Cludius, J., Beznoska, M., and Steiner, V., 2012, Distributional Effects of the European Emissions Trading System and the Role of Revenue Recycling, CEEM Working Paper.

Betz, R. and Neuhoff, K., 2008, The use of auction revenues to avoid negative impact on poor households, in: Neuhoff and Matthes (Ed.) *The Role of Auctions for Emissions Trading*, *Climate Strategies Report*, Cambridge.



Evaluation of ETS (对欧洲碳排放交易机制的评价)

- Schleich, J., Rogge, K., and Betz, R., 2009, Incentives for energy efficiency in the EU Emission Trading Scheme, *Energy Efficiency*, vol. 2, no. 1, pp. 37–67.
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Submissions (提案)

- Betz R., MacGill I.F., and Twomey P., 2009, Notes for introductory statement to the Senate Economics Committee hearing in relation to implement the Carbon Pollution Reduction Scheme, Sydney, March.
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- Passey, R. and MacGill I.F., 2009, Submission to the National Carbon Offset Standard Discussion paper, March 2009
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- Betz, R., MacGill I.F., and Passey R., 2007, CEEM Submission to the PM&C Discussion Paper, Abatement Incentives Prior to the Commencement of the Australian Emissions Trading Scheme, December.
- Betz R., MacGill I.F., and Passey R., 2005, CEEM Submission to 'A National Emissions Trading Scheme' background paper for stakeholder consultation.

Research in Progress (在进行中的研究)

- Regulatory inspection and truthful self-reporting: evidence from a staff rotation experiment
- Need for Market oversight and role of Banks in the EU ETS
- Winners and Losers in the EU ETS Phase 1
- The strategic use of emissions trading in corporate climate strategies
- Analysis of Trading Patterns in EU ETS Phase 1
- Market manipulation: inflating pass-through costs by companies with market power