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Current employment

Managing Director, E.CA Economics, Berlin, April 2007–present.

Research Fellow, ESMT, Berlin, October 2006–present.

Education

Dr. rer. pol. (with distinction), Free University Berlin, Thesis: *Competition and Co-Operation of Firms*, 2000.

PhD-Program (with DFG grant), Applied Microeconomics, Free University and Humboldt University Berlin.

Master in Economics (with distinction), Free University Berlin, Master Thesis: *Conditions for an Efficient Environmental Policy in Post-Socialist Countries*, 1995.

Past employment

Head of Unit, ESMT, October 2006–April 2007.

Member of the Chief Economist Team, October 2003–October 2006.

Managing Director of antitrust consultancy RACR economics, January 2001–August 2003.

Trainee, European Commission DG COMP, Merger Task Force, January–March 1998.

Teaching & conference organization

Pricing Strategies and Competition Law & Economics. Expert Forum jointly organized by E.CA and ESMT, Brussels, October 2012.

Bringing Technology to the Market. Session on "Boundaries of Growth". ESMT, Berlin, June 2012.

Insights into International Competition Law. Copenhagen Business School, 2.3.2012.

Seminar in European Competition Law for National Judges. OECD-GVH Regional Centre for Competition in Budapest, Budapest on February 4-5, 2011.

Workshop on "The Forms of Pharmaceutical Regulation and Their Influence on Innovation in the Health System", Novartis, Prague on January 13, 2011.

Einblicke in das internationale Wettbewerbsrecht. M&A-Seminar, USW Netzwerk. Cologne, 2008, 2009, 2010, 2011.

Annual Meeting of the Association of Competition Economists (ACE). Conference organizer and panelist, Berlin, 2009.

Managing Economic Analysis in Competition Law. ESMT, Cologne, 2008.

The Law and Economics of R&D&I State Aid. rogram director, ESMT & ESTALI, Berlin, 2007.

The Law and Economics of European State Aid Control. conference organizer, ESMT & ESTALI, Berlin, 2007.

Political Economy of Regulation. program director, ESMT, Berlin, 2007.

Competition Policy in EU Energy Markets, lecture for the E.ON summer academy, ESMT, Berlin, 2006.

Competition Policy in Europe, lecture for the executive MBA program of HEC Montreal, Brussels, 2006.

The Economics of State Aid Control, in-house teaching, DG COMP European Commission, Brussels 2006.

The State Aid Action Plan and economic assessment of state aid, lecture for Advanced State Aid Seminar and Maastricht Forum on State Aid. European Institute of Public Administration (EIPA), 2006.

Die aktuelle Reform der EU Beihilfenkontrolle. lecture hold at Rechtssichere Umgang mit Fördermitteln, IIR, Düsseldorf, 2006.

Techniken der Marktabgrenzung und deren Vor- und Nachteile, lecture hold at Praxis der Wettbewerbsökonomie. BusinessCycle, Wien, 2005.

Competition policy in Europe. lecture hold at the executive MBA program of the ESCP-EA, Brussels, 2004.

Publications

Friederiszick, H., and E. Głowicka (2016). Competition policy in modern retail markets. *Journal of Antitrust Enforcement* 4(1): 42–83.

Friederiszick, H., S. Reinhold, and J. Demuth (2016). *Rekommunalisierung und Wettbewerb in der Entsorgungswirtschaft: Trends, Erklärungen und wettbewerbspolitische Implikationen.* ESMT White Paper, ESMT No. WP–16–01.

Friederiszick, H., L. Wiethaus, and R. Nitsche (2015). Germany (country chapter). In *The handbook of competition economics 2016*, ed. C. Campbell, 57–59. Nottinghamshire: Encompass Print Solutions.

Friederiszick, H., and M. Rauber (2015). A fleet without a captain? Taking stock of European antitrust litigation post EU directive. *CPI Antitrust Chronicle* 1(1).

Friederiszick, H., and S. Kohnz (2015). Angemessene Rendite im Bussektor. Ewiger Streit oder lösbare Aufgabe? *Der Nahverkehr* (1–2): 41–43. Comment to Renditevergleich trotz Datenmangel. Eine Replik auf die Kritik von Astrid Karl, Thomas Petersen und Christoph Schaaffkamp. *Der Nahverkehr* (7–8): 64.

Friederiszick, H.W. and M. Merola (2015). Regional state aid control in Europe: A legal and economic assessment. ESMT Working Paper No. WP-15-05.

Friederiszick, H.W. and L. Gratz (2015): Hidden efficiencies: The relevance of business justifications in abuse of dominance cases. *Journal of Competition Law and Economics* 11(3): 671–700.

Friederiszick, H.W. and N. Tosini (2013). Implications of the state aid modernisation for the assessment of large investment projects. *European State Aid Law Quarterly* (1): 46–60.

Friederiszick, H. W. (2013; in German): “Distortion of Competition under Art 107 1 TFEU”. Chapter in *Nomos Beihilfekommentar*.

Friederiszick, H. W. (2013; in German): “The balancing test under Art 107 3c TFEU”. Chapter in *Nomos Beihilfekommentar*.

Friederiszick, H.W. and L. Gratz, Dominant and Efficient (2012): On the Relevance of Efficiencies in Abuse of Dominance Cases. ESMT White Paper No. WP-12-01.

Friederiszick, H. W., D. Beling, and R. Nitsche (2011). Germany (country chapter). In: *The handbook of competition economics 2012*, ed. C. Campbell, 43-44. Nottinghamshire: Encompass Print Solutions.

Friederiszick, H. W., and E. Fugger (2011). Quantification of harm to competition by national courts and competition agencies. Background note, OECD Secretariat to the Competition Committee, *DAF/COMP(2011)1*.

Friederiszick, H.W. (2011). The German Cement Cartel case and the trade-off between accuracy and practicality. *Concurrences* (1): 24–26.

Friederiszick, H. W., J. Kalužny, S. Kohnz, M. Grajek, and L.-H. Röller (2011). *Assessment of a sustainable Internet model for the near future*. ESMT White Paper No. WP-11-01 and ESMT Business Brief No. BB-11-01.

Friederiszick, H. W., and L.-H. Röller (2010). Quantification of harm in damages actions for antitrust infringements: Insights from German cartel cases. *Journal of Competition Law and Economics* 6(3): 595–618 and ESMT Working Paper No. 10-001.

Friederiszick, H. W. (2010). Anticompetitive behaviour of public enterprises: Lessons to be learned from European state aid control. *Concurrences* (1): Forword.

Friederiszick, H. W., and J. Kaluzny (2009). On the difficult relationship between competition policy and public enterprises: What can be learned from recent developments in the field of European state aid control. In *The pros and cons of competition in/by the public sector*, ed. Dan Sjöblom, 99–135. Sweden: Swedish Competition Authority.

Friederiszick, H. W., R. Nitsche, and L.-H. Röller (2009). Does Europe need subsidized competition for achieving the goal of rapid deployment of broadband networks? Comments on the draft Community

Guidelines for the application of State aid rules in relation to rapid deployment of broadband networks. Submitted to the EC Commission.

Friederiszick, H. W., N. Tosini, F. de Véricourt, and S. Wakeman (2009). *An economic assessment of the relationship between price regulation and incentives to innovate in the pharmaceutical industry*. ESMT White Paper No. WP-109-03.

Friederiszick, H. W., Gantumur, T., Jayaraman, R., Röller, L.-H., and Weinmann, J. (2009). *Railway alliances in EC long-distance passenger transport: A competitive assessment post-liberalization 2010*. ESMT White Paper No. WP-109-01.

Friederiszick, H. W. (2009). Economic analysis in EU competition cases. In *Economic theory and competition law*, ed. Josef Drexler, Laurence Idot, Joel Monéger, 3–19. Cheltenham: Edward Elgar.

Friederiszick, H. W., and L.-H. Röller (2008). Overcharge estimations in cartel cases: Lessons learned from a recent judgment on the German paper wholesaler cartel. *Global Competition Litigation Review* (1): 1–10.

Friederiszick, H. W., and L.-H. Röller (2008). Überwälzungen der Opportunitätskosten von CO₂-Zertifikaten als Ausbeutungsmisbrauch – eine ökonomische Analyse. *Wirtschaft und Wettbewerb* 58(9): 929–940.

Friederiszick, H. W. (2008). Der 'Refined Economic Approach' in der Beihilfenkontrolle: Innen- und Außenansichten. In *Der 'More Economic Approach' in der Beihilfenkontrolle*, Schriften des Vereins für Socialpolitik, ed. P. Oberender, 49–62. Frankfurt am Main: Verein für Socialpolitik.

Friederiszick, H. W., and F. P. Maier-Rigaud (2008). Triggering inspections ex officio: Moving beyond a passive EU cartel policy. *Journal of Competition Law and Economics* 4(1): 89–113.

Friederiszick, H. W., L.-H. Röller, and V. Verouden (2008). European state aid control: An economic framework. In *Handbook of antitrust economics*, ed. Paolo Buccirossi, 625–669. Cambridge: MIT Press.

Friederiszick, H. W., M. Grajek, and L.-H. Röller (2008). *Analyzing the relationship between regulation and investment in the telecom sector*. ESMT White Paper No. WP-108-01.

Friederiszick, H. W., L.-H. and Röller (2007). Using economic analysis to assess R&D&I state aid measures. *EStAL* 6(4): 592–604.

Friederiszick, H. W., and Maier-Rigaud, F. P. (2007). The role of economics in cartel detection in Europe. In *The more economic approach to European competition law*, ed. Stefan Voigt, Max Albert, 179–196. Tübingen: Mohr Siebeck.

Friederiszick, H. W., Röller, L.-H., and Delgado, J. (2007). *Energy: Choices for Europe. Bruegel Blueprint Series*.

Friederiszick, H. W., and Röller, L.-H. (2006). Ökonomische Analyse in der EU Wettbewerbspolitik: Ein erstes Resümee. In *Neueste Entwicklungen im europäischen und internationalen Kartellrecht*, ed. Carl Baudenbacher, 203–220. Basel: Helbing Lichtenhahn.

Friederiszick, H. W., Röller, L.-H., and Verouden, V. (2006). EC state aid control: An economic perspective. In *The EC state aid regime: Distortive effects of state aid on competition and trade*, ed. Michael Sanchez Rydelski, 145–182. London: Cameron May Press.

Friederiszick, H. W., and M. Tröge (2006). Applying the market economy investor principle to state owned companies - Lessons learned from the German Landesbanken cases. *Competition Policy Newsletter* (1): 105–109.

Friederiszick, H. W., and L.-H. Röller (2006). *Weniger und effektiver - Ökonomische Prüfverfahren könnten die EU-Beihilfenkontrolle stärken*. WZB Mitteilungen, 111.

Friederiszick, H. W. (2006). Marktabgrenzung und Marktmacht. In *Recht und Ökonomie im Europäischen Wettbewerbsrecht*, ed. Jürgen Schwarze, 29–40. Frankfurt am Main: Nomos.

Friederiszick, H. W., and U. Dulleck (2004). Die großen Zwei - Wettbewerb im Kreditkartenmarkt? [The big two - How competitive is the market for credit cards]. *Jahrbücher für Statistik und Nationalökonomie* (4): 224.

Friederiszick, H. W., D. Neven, and L.-H. Röller (2003). *Evaluation of the effectiveness of state aid as a policy instrument*. Report for the European Commission, DG ECFIN 2003.

Friederiszick, H. W., and L.-H. Röller (2002). *Lokale Märkte unter Globalisierungsdruck. Eine industrieökonomische Studie zur deutschen Zementindustrie (on behalf of the German ministry of economics and labor)* RACR studie 01.

Friederiszick, H. W. (2000). *Wettbewerb und Firmenkooperation* [Competition and Co-Operation between Firms]. Aachen: Shaker Verlag.

Press articles or coverage

Daily Telegraph (2 February 2008), FAZ (7 November 2011), Financial Times (2 February 2008), Forbes online (2 February 2008/ 7 January 2010), Handelsblatt (2 November 2009), Neue Züricher Zeitung (1 September 2007/ 3 September 2009), News.de (15 July 2011), New York Times (30 June 2010), Rheinischer Merkur (2 July 2009), The Parliament (27 October 2010), Welt online (24 May 2011), Weser-Kurier (26 May 2011), Reuters (2 February 2008/ 30 June 2010), Tagesspiegel (1 July 2010), Zeit online (23 May 2011).

Referee

B.E. Journal of Theoretical Economics, B.E. Journal of Economic Analysis & Policy, European Economic Review, International Review of Law and Economics, Journal of Competition Law and Economics, Journal of Industry, Competition and Trade, Review of Industrial Organization, Scottish Journal of Political Economy.

Presentations

Economics to Detect Collusion: The Hunt for the Perfect Benchmark. 10th ACE Annual Conference, Paris, 26 October 2012.

Dominant and Efficient: On the relevance of efficiencies in Article 102 TFEU cases. Presentation at the OECD Roundtable, Paris, 24-25 October 2012.

Regional Aid Guidelines and Large Investment Projects. Presentation at the 10th Experts' Forum on New Developments in European State Aid Law, Brussels, 08 June 2012.

The Economics of Public Support to the European Car Industry, panel discussion, SEEK Workshop, Brussels, 3 May 2012.

Defending Cartels in Regulatory Investigations – The Role of Economics. Presentation at the IBC Competition Economics 2012, London, 20 March 2012.

Price cycles in German retail gasoline markets – an empirical analysis. Brownbag Seminar, Copenhagen Business School, 1.3.2012.

Competitive assessment of price cycles in German retail gasoline markets. Presentation at the ACE Annual Conference on 17-18 November, 2011 in Bergen, Norway.

Informationsaustausch. Presentation on the law and economics of information exchange at the Studienvereinigung Kartellrecht in Munich, 18 October 2011.

Benzinpreise – Marktmacht, Preissetzung und Konsequenzen. Panel discussion at the annual conference of the German Competition Authority, Bonn, 06 October 2011.

Comments on the EU draft Guidance Paper – Quantification of harm in damages actions for antitrust infringements, EC workshop. Brussels, 27 October 2011.

Kooperationen zum Bau neuer Glasfasernetze - Wettbewerbsökonomische Beurteilung. Economiesuisse Seminar FTTH Glasfaser, Zurich on June 14, 2011.

Pros and cons of net neutrality - Assessment of a sustainable Internet business model for the near future. ETNO Meeting at the Deutsche Telekom representation in Berlin on March 18, 2011.

Quantification of Harm to Competition by National Courts and Competition Agencies. OECD Roundtable on the Quantification of Harm, Competition Committee Meeting, Paris on February 16, 2011.

Pros and cons of net neutrality - Assessment of a sustainable Internet business model for the near future. Bruegel, Brussels on January 28, 2011.

Price Regulation and Incentives to Innovate in the Pharmaceutical Industry. London School of Economics and Political Science: Fourth European Healthcare Policy Deciders Forum, London on February 17-18, 2011.

Private enforcement: Damage assessment - Insights from German cartel cases. European Competition Day, Brussels on October 21, 2010.

Wie geht es weiter nach der Krise? – Argumente für und gegen Fortführung des Temporary Framework State Aid. Euroforum: Beihilfenrecht 2010, Berlin on June 23-25, 2010.

On the relationship between price regulation and innovation. Competition and Intellectual Property Symposium, Paris on June 4, 2010.

Measuring competition in regulation and antitrust. Workshop on Effective Competition in Network Industries, Justus-Liebig-University Giessen, May 27-28, 2010.

Pharmaceutical innovation and pricing regulation. Workshop at the EC - DG Enterprise, Brussels on May 12, 2010.

Quantification of harm in damages actions for antitrust infringements, EC workshop. Brussels, 26 January 2010.

Competition between railway operators and low cost carriers in long-distance passenger transport, Zentrum für Europäische Wirtschaftsforschung: Competition Policy Forum. Mannheim 3 December 2009.

The German cement cartel. ACE conference. Berlin, 26 November 2009.

On the difficult relationship between competition policy and public enterprises: What can be learned from recent developments in the field of European state aid control? The Pros and Cons Conference, Competition in/by the Public Sector. Stockholm, 13 November 2009.

(An-)Reizeffekt: Stärken und Schwächen, Berliner Gesprächskreis zum Europäischen Beihilfenrecht e.V.: 16. Veranstaltung. Berlin, 2 October 2009.

Legal and economic impact of the state aid measures, IBC Legal conferences, 3rd annual event: Competition Law in the Financial Services Sector. London, 23 June 2009.

Bates White 6th Annual Conference. Washington, DC, 1-2 June 2009.

Analyzing the perspectives for intramodal competition in the railway industry – the case of long-distance passenger transport, Deutsche Bahn Conference, European Parliament. Brussels, 1 April 2009.

Distinguishing between fundamentally sound banks and those characterized by endogenous problems, Berliner Gesprächskreis zum Europäischen Beihilfenrecht e.V.: Maintaining a level playing field in the financial markets crisis – applying the EU State aid rules to measures to stabilize financial markets. Frankfurt am Main, 4 March 2009.

Google – Doubleclick. A complainant's perspective. ACE 2008. Budapest, 27 November 2008.

Die bevorstehende Liberalisierung des Schienenpersonenfernverkehrs – wettbewerbsökonomische Szenarien. Dritter Workshop zum Eisenbahnregulierungsrecht. Berlin, 13 October 2008.

„Wird durch das dritte Eisenbahnpaket Wettbewerb im Personenfernverkehr entstehen?“ Symposium „Wettbewerb und Regulierung im Eisenbahnsektor“. ESMT, Berlin, 31 January 2008.

Der „Refined Economic Approach“ in der EU Beihilfenkontrolle: Eine Erfolgsstory – wenn die Mitgliedstaaten mitziehen. Beihilfen Gesprächskreis. Berlin, 14 December 2007.

The concept of an aid in liberalized sectors, ESTALI. Brussels, 21 May 2007.

Der „More Economic Approach“ in der Beihilfenkontrolle: Binnen- und Außenperspektiven. Frankfurt, 20 March 2007.

Reform des EU-Wettbewerbsrechts und Innovationsförderung. Workshop „Innovationsförderung im Wettbewerb“, University of Karlsruhe (TH). 6 February 2007.

The EU development: From legal certainty to economic uncertainty? Economic analysis in EU competition cases. 2nd ASCOLA conference, Economic Theory and Competition Law, Paris, 8–9 December 2006.

Market failure and restructuring aid. Can economics deliver on its promises? 10th forum on European State Aid Law, ERA, Trier, 13–14 November, 2006.

Detecting cartels in Europe – the role of economics. 25th Conference on Political Economy, Saarbrücken, 12–14 October 2006.

The market economy investor principle – Lessons learned from the *German landesbanken cases*. 3rd annual conference of the GCLC, Brussels, 2006.

An economic methodology for initiating ex-officio cartel investigations. ACLE Workshop on Forensic Economics in Competition Law Enforcement, University Amsterdam, 2006.

The economics of European state aid control. LEAR Conference on Advances in the Economics of Competition law, Rome, 2005.

Marktdefinition und Marktmacht. Recht und Ökonomie im Europäischen Wettbewerbsrecht, University Freiburg, 2005.

Die Bedeutung der ökonomischen Analyse im Wettbewerbsrecht. Brüsseler Informationstage, FIW, Brussels, 2004.

Ökonomie und Recht im Einklang? Die *Stärkung des ökonomischen Ansatzes von DG COMP*. Kartellrechtsforum, Köln, 2003.

Evaluation of the effectiveness of state aid as a policy instrument. The Railway Sector IDEA conference, University Toulouse, 2003.

Trusted Computing Group und Eintrittsbarrieren für den Mittelstand. Symposium organized by the German ministry of economics and labor, Berlin 2003.

The effectiveness of state aid as policy instrument. Workshop organized by DG Ecfm, Brussels, 2003.

Committees, communication and careers. EARIE, University Madrid, Spain, 2002.

Effects of globalization on the German cement industry (in German). Meeting of the executive committee of the BDZ (German cement industry association), Köln, 2002.

The choice of technology and cooperation between firms. Verein für Socialpolitik, University Magdeburg, 2001.

Further presentation were hold at the Young Economist Spring Meeting 1999 in Amsterdam, 1998 in Berlin (also part of the referee committee and in charge of funding), 1997 in Munich. WZB, Germany 1999. EARIE 1998 in Copenhagen, Denmark. VfS 1998 in Rostock. University of Dortmund 1997. University of Miskolc, Hungary 1997. Summer School at the Hebrew University in Jerusalem, Israel 1996.

Languages

German (native speaker), English (high proficiency).