

CURRICULUM VITAE OF MARTIN BANSE

Address (work): Thünen Institute of Market Analysis, Bundesallee 50, 38116 Braunschweig, Germany
Phone: +49 531 - 596 5301
e-mail: martin.banse@ti.bund.de
Countries lived and/or worked in: Germany, The Netherlands

SHORT SUMMARY

Director of the Thünen Institute of Market Analysis in Braunschweig, Germany. Martin Banse has over 15 years' experience in quantitative analyses of agricultural policy and international trade. He has done much work in agricultural sector analysis and quantitative modelling, and has extensive experience in working with partial and general equilibrium models.

EDUCATIONAL BACKGROUND

2009 Agricultural economics, (Habilitation: Development and application of equilibrium models to analyze the competitiveness of the agricultural and food economy and the impact of increasing demand for bioenergy on agricultural markets) Georg-August University of Göttingen, Germany.

1990 - 1996 Agricultural economics, (Ph.D. Thesis: Transition of Hungarian Agri-food Industries) Georg-August University of Göttingen, Germany.

1984 -1990 Agricultural economics (Diploma Thesis: Economy-wide impact of agricultural policies in Germany), Diploma (MSc), Georg-August University of Göttingen, Germany.

PROFESSIONAL BACKGROUND

Since Nov. 2009 Director and Professor (Steering and supervising of institute activities), Institute of Market Analysis, Johann Heinrich von Thünen-Institute

2006 – 2009 Senior Researcher (Steering and supervising of company activities), LEI, Wageningen UR, Den Haag, The Netherlands

2001 – 2006 Assistant Professor (Lectures, Modelling with partial and general equilibrium models, Agricultural policy advice) Georg-August University of Göttingen, Germany

SCIENTIFIC EXPERIENCE

Current Relevant Projects

Since 2012 Coordinator of FACCE-JPI Knowledge Hub MACSUR (Modeling European Agriculture with Climate Change for Food Security)

Since 2010 Coordinator of the AGMEMOD Network of Partial Equilibrium Modellers across Europe

EDITORIAL SERVICE

Since 2009 Editorial Board, German Journal of Agricultural Economics

Since 2011 Head of Editorial Board, German Journal of Agricultural Economics

PROFESSIONAL INFORMATION

- More than eighty publications in the field of agricultural, trade and energy economics.

CURRICULUM VITAE OF MARTIN BANSE

- Director of Thünen Institute of Market Analysis, Johann Heinrich von Thünen-Institute, Braunschweig (Germany).
- Co-Chair of the Network of Agricultural Economics Research Institutes and Agencies (AERIAS)

RELEVANT KEY PUBLICATIONS

- Banse M, Junker F, Gerdien Prins A, Stehfest E, Tabeau A, Woltjer G, Meijl H van (2014) Global impact of multinational biofuel mandates on land use, feedstock prices, international trade and land-use greenhouse gas emissions. *Landbauforsch Appl Agric Forestry Res* 64(2):59-72.
- Lampe M von, Kavallari A, Bartelings H, Meijl H van, Banse M, Ilicic-Komorowska J, Junker F, Tongeren F van (2014) Fertiliser and biofuel policies in the global agricultural markets and farm incomes. Paris: OECD, Directorate for Food, Agriculture and Fisheries, 80 p, OECD Food Agric Fisheries Working Paper 69.
- Pelikan J, Banse M (2014) Auswirkungen regionaler Freihandelsabkommen auf deutsche und europäische Agrarmärkte. Braunschweig: Johann Heinrich von Thünen-Institut. Thünen Working Paper 17.
- Hoefnagels R, Banse M, Dornburg V, Faaij A (2013) Macro-economic impact of large-scale deployment of biomass resources for energy and materials on a national level—A combined approach for the Netherlands. *Journal of Energy Policy* 59:727–744.
- Henseler M, Piot-Lepetit I, Ferrari E, Gonzalez Mellado A, Banse M, Grethe H, Parisi C, Helaine S (2013) On the asynchronous approval of GM crops: Potential market impacts of a trade disruption of EU soy imports. *Food Policy* 41:166-176.
- Leeuwen M van, Salamon P, Fellmann T, Banse M, Ledebur O von, Salputra G, Nekhay O (2012) The agri-food sector in Ukraine: current situation and market outlook until 2025 : Extension of the AGMEMOD model towards Ukraine. Luxembourg: Office for Official Publications of the European Communities.
- Banse M, Junker F, Prins AG, Stehfest E, Tabeau A, Woltjer G, Meijl H van (2012) Biofuel do Brasil? : Impact of Multinational Biofuel Mandates on agri-food trade ; Paper presented at the International Association of Agricultural Economists (IAAE), Triennial Conference, Foz do Iguacu, Brazil, 18-24 August, 2012. IAAE.
- Offermann F, Banse M, Ehrmann M, Gocht A, Gömann H, Haenel H-D, Kleinhanß W, Kreins P, Ledebur O von, Osterburg B, Pelikan J, Rösemann C, Salamon P, Sanders J (2012) vTI-Baseline 2011-2021: Agri-economic projections for Germany. Braunschweig: vTI, VI. *Landbauforsch SH* 358.
- Banse M, Klepper R (2012) Who's going to feed the world? *Agrifuture*(1):8-11
- Tabeau, A. M. Banse, M., G. Woltjer, G. and H. van Meijl (2011). Impact of the EU Biofuels Directive on the EU food supply chain. *J Food Products Marketing* 17(2-3):373-385
- Banse, M., F. Hellmann, H. van Meijl, A. Tabeau, P. Verburg and G. Woltjer (2010). Impact of EU Biofuel Policies on World Agricultural Production and Land Use. *Biomass and Bioenergy* 35(6): 2385-2390.
- Sorda, G., M. Banse and C. Kemfert (2010). An overview of biofuel policies across the world. *Energy Policy* 38(11): 6977-6988
- Sorda, G., M. Banse (2011) The Response of the German Agricultural Sector to the Envisaged Biofuel Targets in Germany and Abroad: A CGE Simulation. *GJAE*(60):243-258.
- Banse, M. and G. Sorda (2010). Impact of Different Biofuel Policy Options on Agricultural Production and Land Use in Germany. In: Loy, J.P., R. Müller (eds.). *Agrar- und Ernährungsmärkte nach dem Boom. Schriften der Gesellschaft für Wirtschafts- und Sozialwissenschaften des Landbaues e.V.* (45):35-50.
- Banse, M., A. Tabeau, G. Woltjer, G. and H. van Meijl (2008). Will EU Biofuel Policies Affect Global Agricultural Markets? *European Review of Agricultural Economics* 35(2):117-141.
- Helming, J and M. Banse (2008). The Didactic Value of linking models: Experiences from the LEI model funnel. *Agrarwirtschaft* 57(8):368-372.
- Banse, M., H. van Meijl, and Geert Woltjer (2008). Consequences of EU Biofuel Policies on Agricultural Production and Land Use. *Choices*, 23(3):22-27.

CURRICULUM VITAE OF MARTIN BANSE

- Banse, M., J. Helming, P. Nowicki and H. van Meijl (2008). 'Future of European Agriculture after the Health Check. *Agrarwirtschaft* 57(3/4):156-164.
- Kløverpris J., Wenzel H., Banse M., Milà i Canals L., and A. Reenberg (2008). 'Global Land Use Implications of Biofuels: State-of –the-Art – Conference and Workshop on Modelling Global Land Use Implications in the Environmental Assessment of Biofuels'. *International Journal of Life Cycle Assessment* 13(3):178-183.
- Witzke, P., M. Banse, H. Gömann, T. Heckelei, T. Breuer, S. Mann, M. Kempen, M. Adenäuer and A. Zintl (I. Pérez Domínguez and M. Müller, eds.) (2008). *Modelling of Energy-Crops in Agricultural Sector Models - A Review of Existing Methodologies*. Published by European Commission, JRC/IPTS, Seville. <http://ftp.jrc.es/EURdoc/JRC42597.pdf>
- Banse, M., E. Kaditi, S. McDonald, S. Robinson, J. Swinnen (S. H. Gay, R. M'barek, F. Santuccio, eds.) (2008). *Analysis of the European Food Industry*. Published by European Commission, JRC/IPTS, Seville. <<http://ftp.jrc.es/EURdoc/JRC41843.pdf>>
- Banse, M., P. Nowicki and H. van Meijl (2008). *Why are current world food prices so high?* Den Haag, LEI, 2008, Rapport 2008-040. <also in Dutch: Rapport 2008-043>
- Banse, M. H. Grethe and S. Nolte (2005). *European Simulation Model (ESIM) in GAMS: User Handbook*. Göttingen and Berlin.
- Balkhausen, O. and M. Banse (2005). *Extended Version of ESIM with pasture and fallow land including an interface with country-specific CGE-models*. Working Paper 2 in Work-package 9 of the EU-funded FP-6 project "The Impact of Decoupling and Modulation in the Enlarged Union: A sectoral and farm level assessment". Göttingen.
- Banse, M. (2005). "Geographical Shifts in the Agricultural and Food Production and Trade within the EU-25 over the next 25 years". In: Bergman, F. (ed.) (2005). "Development of competitiveness of countries in Central and Eastern Europe up to 2030 and the consequences for the Dutch agribusiness".
- Balkhausen, O., M. Banse, H. Grethe and S. Nolte (2005). "Modelling the Effects of Partial Decoupling on Crop and Fodder Area as well as Ruminant Supply in the EU: Current State and Outlook". Paper for the EAAE Seminar "Modelling Agricultural Policies: State of the Art and New Challenges". February, 3-5, 2005, Parma, Italy.
- Banse, M. and H. Grethe (2005). "How Will Decreasing Subsistence Production Affect Future Dairy Markets in the Central European Countries?". Paper for the EAAE Seminar "Modelling Agricultural Policies: State of the Art and New Challenges". February, 3-5, 2005, Parma, Italy.
- Banse, M. and H. Grethe (2005). "The Next Enlargement: Modeling the Impact of Subsistence Production" Paper presented on the AAEA Conference, July, 24-27 2005, in Providence, Rhode Island USA.
- Banse, M. and H. Grethe (2005). "Depicting International Price Transmission in Net Trade Simulation Models: Current State and a New Approach". Poster presented on the 11th EAAE Congress - Copenhagen, Denmark. 24-27 August 2005.
- Gorton, M., S. Davidova, M. Banse and A. Bailey (2005). "The International Competitiveness of Hungarian Agriculture: Past Performance and Future Projections The International Competitiveness of Hungarian Agriculture: Past Performance and Future Projections". Poster presented on the 11th EAAE Congress - Copenhagen, Denmark. 24-27 August 2005.
- Bailey, A., M. Banse, S. Davidova, M. Gorton, A. Swinbank und C. Thirtle (2004). "Impact on UK of Increasing Agricultural Productivity in New Member States". DEFRA, 2002: Project No. EPES 0203/4. London.
- Banse. M. (2003). "CAP and EU Enlargement". Paper presented on the USDA/ERS Conference WTO and Competing Trade Policy Issues and Agendas, 16-17 September 2003. Washington, DC. USA.