

LEI: Report to the GTAP Advisory Board 2005.

GTAP activities LEI, 2004

The Agricultural Economic Research Institute (LEI) has been a member of the GTAP consortium since November 1996. We use GTAP for a variety of research related to international trade in agri-food products. A summary of our activities over 2004/05:

Consortium related

- In December 2004 LEI has hosted a World Bank conference on the WTO agricultural agenda in relation to trade and poverty.
- Frank van Tongeren served as instructor on the 2004 GTAP short course. One LEI researcher will attend the 2004 course. Frank van Tongeren and Hans van Meijl are both contributing as instructor to the 2005 short course.

People

No changes. We now have four researchers with active GTAP involvement: Marijke Kuiper, Hans van Meijl, Andrzej Tabeau, Frank van Tongeren.

Research involving GTAP in 2004/05

- Policy research for The Netherlands: We have continued our work for the Dutch Ministry of Agriculture, Nature and Fisheries Management. GTAP input continues to be requested in CAP-WTO related projects, e.g. on EU sugar reforms. A large scale project at special request of minister Veerman uses GTAP (and many other inputs) to develop a 'vision on Dutch agriculture in 2020.
- A new avenue has been opened over the past 2 years with joint work with RIVM and now expanded to include other collaborating institutions. This multidisciplinary work sets out to make scenario projections leading amongst other things to spatially explicit land use projections. The EURURALIS project is widely considered to be a great success and has been presented to senior EU officials during meetings in the context of the Dutch EU presidency in 2004.
- One methodologically related large-scale project has started. The SEAMLESS project is funded through the EU FP6 as a so-called 'integrated project'
- We continue work on EUROMED agreements, in the framework of an EU thematic network led by Jo Swinnen.
- In 2003 we started a project with the OECD secretariat on the issue of agricultural liberalization and non-member countries. The development of GTAPEM benefited enormously from work done by Tom Hertel and Roman Keeney on modeling agriculture. This work is ongoing.
- Indonesia: we are working with various institutions (government and university) to build WTO capacity. This work is funded through a bilateral fund with the Dutch government. Two researchers from Indonesia have attended the 2005. The work has been well received in Indonesia and we hope to obtain funding for a follow-up.
- New and upcoming: there is a revival of attention for 'biomass for energy' in all of Europe. We are working with Royal Dutch Shell and technical institutes to develop global scenarios on bioenergy potential. We expect to use GTAP-E and plan to enrich the database with bioenergy information. Hopefully more to be heard about this at next year's meeting.

Some publications:

- Francois, Joseph, Hans van Meijl and Frank van Tongeren (2005), Trade liberalization in the Doha development Round, *Economic Policy*, vol 42 (April): pp. 349 – 391.
- Frank van Tongeren (2005), Brazil and China: the real winners of the Doha round?, *Entwicklung und Ländlicher Raum (Agriculture and development)*, Vol. 39, no. 5, pp 12-14.
- Thom Achterbosch, Budiman Hutabarat, Nizwar Syafa'at, Frank van Tongeren (2004), Indonesian Interests in the agricultural negotiations under the Doha Development Agenda: an analysis of the “July 2004 package”, *Jurnal Agro Ekonomi*, Vol 22, no 2, pp 97 – 114 (October 2004).
- Hans van Meijl and Frank van Tongeren (2004). International diffusion of gains from biotechnology and the European Union's Common Agricultural Policy., *Agricultural Economics*, vol. 31: 307-316.
- Jikun Huang, Ruifa Hu, Hans van Meijl and Frank van Tongeren (2004), “Biotechnology Boosts to Crop Productivity in China: Trade and Welfare Implications”, *Journal of Development Economics*, vol. 75: 27-54.
- Frank van Tongeren (2004), Market access – opportunities and risks. Paper presented at the international workshop ‘Policies against hunger – III: Liberalisation of agricultural trade – a solution?, Berlin 20-22 October 2004.
http://www.policies-against-hunger.de/typo3/fileadmin/Inhalte/Vortr_ge_pdf/09_van_Tongeren_Paper_Market_Access.pdf
- Kuiper, Marijke and Frank van Tongeren, Growing together or growing apart? A village level study of the impact of the Doha round on rural China, Paper presented at 7th annual conference on global economic analysis, Washington DC. 17-19 June 2004.
- Huang, Hsin, Frank van Tongeren, Joe Dewbre and Hans van Meijl, A New Representation of Agricultural Production Technology in GTAP, Paper presented at 7th annual conference on global economic analysis, Washington DC. 17-19 June 2004.
- Marijke Kuiper & Frank van Tongeren, Which road to liberalization in the Mediterranean? Analyzing different regional trade liberalization scenarios for Morocco and Tunisia. Paper to be presented at 8th annual conference on global economic analysis, Lübeck June 2005.
- EURURALIS 1.0 A scenario study on Europe's rural areas to support policy discussion, (2004), Wageningen UR, CD-ROM (contact: jan.klijin@WUR.NL)
- Huang, Hsin, Frank van Tongeren, Joe Dewbre and Hans van Meijl, A New Representation of Agricultural Production Technology in GTAP, Paper presented at 7th annual conference on global economic

analysis, Washington DC. 17-19 June 2004.

Osakwe, Patrick, Frank van Tongeren, Thom Achterbosch and Hakim Ben Hammouda Consequences of the Doha Round Trade Reforms for Africa, Paper presented at 7th annual conference on global economic analysis, Washington DC. 17-19 June 2004.

Lips, Markus, Andrzej Tabeau and Frank van Tongeren Modeling of Duty Drawback by Means of Domestic Final Consumption Subsidy, Paper presented at 7th annual conference on global economic analysis, Washington DC. 17-19 June 2004.

Achterbosch, T., H. Ben Hammouda, P.N. Osakwe and F.W. van Tongeren (2004), Trade liberalisation under the Doha Development Agenda. Options and consequences for Africa. The Hage: LEI report 6.04.09.

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