

## List of Briefs produced at the Rome Foresight Write Workshop

### **[Brief No. 01](#): Sustainable food consumption and production in a resource-constrained world**

Erik Mathijs, University of Leuven, Belgium

Based on: Freibauer, A. (chair), Mathijs, E. (rapporteur), Brunori, G., Damianova, Z., Faroult, E., Girona i Gomis, J., O'Brien, L., Treyer, S., 2011. [Sustainable food consumption and production in a resource-constrained world](#). Publications Office of the European Union, Luxembourg (ISBN: 978-92-79-19723-9).

### **[Brief No. 02](#): A table for seven billion: Six billion have enough to eat – (only) one billion to go**

Gine Zwart, Oxfam

Based on: "[Who will feed the world?](#)" by Lucia Wegner and Gine Zwart, Oxfam research report, April 2011 and "Growing a better Future; Food justice in a resource constraint world", Oxfam July 2011. [www.oxfam.org/grow](http://www.oxfam.org/grow)

### **[Brief No. 03](#): No foresight, no food? Regional scenarios for Africa and South Asia**

Joost Vervoort and Polly Ericksen

This brief is based on work of the scenarios team of the CGIAR Research Programme on Climate Change, Agriculture and Food Security (CCAFS): Moushumi Chaudhury, Wiebke Foerch, John Ingram, Kasper Kok, Patti Kristjanson, Philip Thornton and the authors with the CCAFS regional teams, the International Food Policy Research Institute, the International Institute for Applied Systems Analysis and the Society for International Development.

### **[Brief No. 04](#): Teagasc 2030: Creating knowledge for Ireland's bioeconomy**

Lance O'Brien, Foresight & Strategy Manager, Teagasc-The Irish Agriculture and Food Development Authority

This brief is based on the project report [Teagasc 2030](#): Teagasc's Role in Transforming Ireland's Agrifood Sector and the Wider Bioeconomy. Teagasc, Dublin, 2008.

### **[Brief No.05](#): Foresight prompts researchers in pest management to look beyond research**

Marco Barzman, ENDURE

This brief is based on "European Crop Protection in 2030", coordinated by Emilie Labussière, Marco Barzman and Pierre Ricci and carried out by a working group from the ENDURE network. Published by INRA, September 2010.

**Brief No. 06: What research do we need to increase agricultural production? Stakeholders' perspectives**

Mahfouz Abu-Zanat and Ibrahim Hamdan

This brief is based on regional consultations towards the first Global Conference on Agricultural Research for Development (GCARD). Abu-Zanat, M. and Hamdan, I. 2010. *The GCARD Process in West Asia and North Africa: Final Synthesis Report*. Rome: Global Forum on Agricultural Research (GFAR) and Amman: Association of Agricultural Research Institutions in the Near East and North Africa (AARINENA).

**Brief No. 07: The future of rural Europe: Lessons from a multi-scale modeling approaches**

Jasper van Vliet and Peter Verburg, Institute for Environmental Studies and Amsterdam Global Change Institute, VU University Amsterdam, The Netherlands

Based on: Rienks W.A. (ed.), 2008. The future of rural Europe – An anthology based on the results of the EURURALIS 2.0 scenario study. Wageningen, The Netherlands. <http://www.eururalis.eu/background.htm>

**Brief No. 08: Shaping French transdisciplinary research priorities for the Mediterranean**

Fabien Boulier, Agropolis International

Based on “[Partnership and Research in the Mediterranean](#)” (PARME) forward-thinking workshop”, B. Hubert coordinator, ANR/Agropolis International, 2011

**Brief No. 09: Biofuels and agricultural markets: Implications for food security**

Siwa Msangi, Tingju Zhu, Mark Rosegrant, Timothy B. Sulser

Based on: Msangi, S., T. Sulser, M.W. Rosegrant and R. Valmonte-Santos. 2007. "[Global Scenarios for Biofuels: IMPACTs and Implications](#)." Farm Policy Journal, 4(2): 1-18

**Brief No. 10: Bureau for Food and Agricultural Policy (BFAP): Your partner in decision making**

Lulama Ndibongo Traub

Based on: [The South African Agricultural Baseline](#) (various years). Bureau for Food and Agricultural Policy. South Africa. <http://www.bfap.co.za/>

**Brief No. 11: Food security in the Mediterranean in 2030: From foresight to research priorities**

Fabien BOULIER, Agropolis International

Based on : “[Sécurité alimentaire en Méditerranée à l’horizon 2030](#): aspects qualitatifs et quantitatifs” (SAMAQQ), D. LACROIX & F. BOULIER coordinateurs, Agropolis International, 2011.

**[Brief No. 12: Bringing agricultural research back to the African agenda](#)**

Uzo Mokwunye, Independent Consultant

**[Brief No. 13: Towards sustainable world food systems: drivers, key issues and research needs](#)**

Vincent Réquillart, INRA

Based on: C. Esnouf (INRA), M. Russel (INRA) and N. Bricas (CIRAD). [Pour une alimentation durable: Réflexion stratégique Dualine](#). Editons QUAE, 2011. ISBN: 978-2-7592-1670-3; ISSN: 2115-1229. An English version of the book has been accepted for publication by Cambridge University Press

**[Brief No. 14: How might agriculture develop in Southern Africa? Making sense of complexity](#)**

Tanja Hichert: Scenario planner and facilitator of strategic conversations, Hichert and Associates Pty Ltd., South Africa

Based on: Draper, P., Kiratu, S. and Hichert, T. How Might Agriculture Develop in Southern Africa? Making Sense of Complexity. Winnipeg: International Institute for Sustainable Development, 2009.

**[Brief No. 15: Does Less Meat for Some Mean Cheaper Food for Others?](#)**

Siwa Msangi and Mark Rosegrant, IFPRI

Based on: Msangi, S. and M.W. Rosegrant. 2012. "Feeding the Future's Changing Diets: Implications for Agricultural Markets, Nutrition and Policy." In *Reshaping Agriculture for Nutrition and Health* (S Fan and R Pandya-Lorch, eds) pg 65, International Food Policy Research Institute, Washington, DC.

**[Brief No 16: Exploring futures of food and farming systems: the Agrimonde scenarios](#)**

Tévécia Ronzon (INRA, DEPE), Bruno Dorin (CIRAD), Tristan Le Cotty (CIRAD), Sandrine Paillard (INRA, DEPE) and Sébastien Treyer (IDDRI)

Based on Paillard, S., Treyer, S., and Dorin, B. (eds.) (2011). *Agrimonde - Scenarios and Challenges for Feeding the World in 2050*. Versailles: Editions Quae.

**[Brief No. 17: World food supply in a context of environmental change and increasingly competing claims on natural resources](#)**

Maurits van den Berg, PBL Netherlands Environmental Assessment Agency

Contributors: Ben ten Brink, Ton Manders, Tom Kram, Detlef van Vuuren, Elke Stehfest, Marcel Kok, Stephan van der Esch, Henk Westhoek, Johan Brons, and Jan Bakkes.

Based on: van den Berg, M., Bakkes, J., Bouwman, L., Jeuken, M., Kram, T., Neumann, K., van Vuuren, D.P., and Wilting, H. 2011. EU Resource Efficiency Perspectives in a Global Context. Policy Studies. The Hague: PBL Netherlands Environmental Assessment

Agency. [http://www.pbl.nl/sites/default/files/cms/publicaties/PBL-EU-Resource-Efficiency-Perspectives\\_web.pdf](http://www.pbl.nl/sites/default/files/cms/publicaties/PBL-EU-Resource-Efficiency-Perspectives_web.pdf)

**Brief No. 38: What are the likely developments in world agriculture towards 2050?**

Jelle Bruinsma, Consultant Food and Agriculture Organization (FAO)

**Brief No. 40: What challenges is agriculture facing? Five scenarios for 2050**

Ingrid Öborn, Lotta Rydhmer, Katarina Vrede, Jan Bengtsson, Ulf Magnusson, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden

Based on Öborn, I., Magnusson, U., Bengtsson, J., Vrede, K., Fahlbeck, E., Jensen, E.S., Westin, C., Jansson, T., Hedenus, F., Lindholm Schulz, H., Stenström, M., Jansson, B., Rydhmer, L. 2011. Five Scenarios for 2050 – Conditions for Agriculture and Land Use. Swedish University of Agricultural Sciences, Uppsala (ISBN: 978-91-576-9032-6); and Bengtsson, J., Magnusson, U., Rydhmer, L., Jensen E.S., Vrede K., Öborn, I. 2010. Future Agriculture – livestock, crops and land use. A strategic programme for research. Swedish University of Agricultural Sciences, Uppsala (ISBN: 978-91-576-9008-1).

**Brief No. 41: Agriculture 2030: A future for Morocco**

Mohamed Ait Kadi and Guillaume Benoit

Based on: Haut Commissariat au Plan. (2007). Prospective Maroc 2030, Agriculture 2030: quels avenir pour le Maroc? HCP.

**Brief No. 42: The Future of Food and Farming**

Camilla Toulmin, International Institute for Environment and Development. (IIED) and Charles Godfray, University of Oxford

Based on Foresight. The Future of Food and Farming (2011). Final Project Report. UK Government Office for Science, London. Foresight. One-year Review (2012). UK Government Office for Science, London.

**Brief No. 43: Climate change: do we know how it will affect smallholder livestock farmers?**

Philip Thornton, Jeannette van de Steeg, An Notenbaert and Mario Herrero

Based on: Thornton P K, Notenbaert A, van de Steeg J and Herrero M, 2008. The livestock-climate-poverty nexus: A discussion paper on ILRI research in relation to climate change. ILRI, Nairobi, Kenya, 80 pp, online <http://www.dfid.gov.uk/r4d/Output/177861/Default.aspx>; and Thornton P K, van de Steeg J, Notenbaert A and Herrero M, 2009. 'The impacts of climate change on livestock and livestock systems in developing countries: A review of what we know and what we need to know.' Agricultural Systems, 101: 113–127.