he 2012 edition of *The State of Food Insecurity in the World* focuses on the importance of economic growth in overcoming poverty, hunger and malnutrition. We are pleased to note that many, though not all, developing countries have enjoyed remarkable rates of growth during recent decades. High growth rates of GDP per capita are a key factor in reducing food insecurity and malnutrition. However, economic growth *per se* does not guarantee success. As Jean Dreze and Amartya Sen stated recently, it "requires active public policies to ensure that the fruits of economic growth are widely shared, and also requires – and this is very important – making good use of the public revenue generated by fast economic growth for social services, especially for public healthcare and public education." We fully agree.

There are still too many circumstances in which the poor do not sufficiently benefit from economic growth. This may happen because growth originates in sectors that do not generate sufficient employment for the poor, or because they lack secure and fair access to productive assets, in particular land, water and credit. Or it may happen because the poor cannot immediately make use of the opportunities provided by growth as a result of undernutrition, low levels of education, ill health, age or social discrimination.

However, one lesson that we have learned from success stories coming from all developing regions is that investment in agriculture, more so than investment in other sectors, can generate economic growth that delivers large benefits to the poor, hungry and malnourished. We recognize, nonetheless, that this is not universally true. With urbanization continuing in developing countries, future efforts to address poverty and food insecurity will have to focus also on urban areas. However, agriculture is still the dominant source of employment in the economies of many low-income countries, and the urban poor spend most of their income on food. Moreover, for the foreseeable future, the majority of the poor and hungry will continue to live in rural areas and depend directly or indirectly on investments in rural infrastructure and smallholder-based agriculture to improve their livelihoods.

This edition of *The State of Food Insecurity in the World* draws attention to the potential to invest in smallholder-centred agricultural growth. In recognition of the dual need to protect the environment and reduce hunger, poverty and malnutrition, we call on all stakeholders to promote practical solutions that aim to promote sustainable intensification of food production systems, ensure a strong involvement of smallholder farmers and other rural poor, and preserve natural resources – including by minimizing post-harvest losses and waste throughout the food chain. Higher prices of agricultural commodities provide positive incentives for increased investment in agriculture. However, better policy responses and improved governance are needed to ensure sustainability and to address the effects of increased price volatility and of higher costs of the food basket for the poor, most of whom are net food buyers.

This report provides convincing evidence that poor, hungry and malnourished people use some of their additional income either to produce or purchase more food, aiming to increase their dietary energy intake and to diversify their diets. Against this background, we are glad to note significant improvements in food security and nutrition outcomes worldwide. The trend in the prevalence of undernourishment has been declining, and we have seen some progress in key anthropometric indicators of child underweight, stunting and nutrition-related child mortality. There has also been progress in overcoming some types of micronutrient deficiencies or "hidden hunger" in a number of countries. These encouraging developments are made possible by the combined effects of increased attention to world hunger, overall economic and agricultural growth, and targeted policy interventions.

Nevertheless, as is also documented in this report, 868 million people continue to suffer from undernourishment, and the negative health consequences of micronutrient deficiencies continue to affect around 2 billion people. In today's world of unprecedented technical and economic opportunities, we find it entirely unacceptable that more than 100 million children under the age of five are underweight, and therefore unable to realize their full socio-economic and human potential, and that childhood malnutrition is a cause of death for more than 2.5 million children every year. Hunger and malnutrition can be a significant obstacle to economic growth.

We are concerned that most rural people do not enjoy decent working conditions or adequate and effective social protection. We call on national governments to use the additional public resources

All notes and references are provided at the end of the report, see pages 58–61.

generated by economic growth, *inter alia*, to build comprehensive social protection systems to support those who cannot help themselves in their efforts to secure adequate nutrition. This report devotes a section to recent experience of social protection as a foundation for both agricultural growth and food security. Such approaches should be human rights-based, target the poor, promote gender equality, enhance long-term resilience and allow sustainable graduation out of poverty.

While *The State of Food Insecurity in the World 2012* recognizes the potential of economic growth to accelerate reductions in hunger, poverty and malnutrition, it also draws attention to the association of globalization and economic growth with the trend towards overnutrition, even in low-income countries. The societal transformations that have been observed in the process of economic growth, modernization and urbanization, have led a growing number of people to adopt lifestyles and diets that are conducive to overweight and related non-communicable diseases. The negative implications for public health systems are already significant in many countries. Together with post-harvest losses, excessive consumption and waste draw on scarce resources that could be used to improve the nutrition of the poor and hungry while reducing the food system's environmental footprint.

Working with national governments and the international community, our three organizations are committed to developing better-integrated approaches to food security and nutrition and promoting cooperation among all relevant stakeholders. In order to contribute to improving all dimensions of food insecurity, policies, strategies and programmes must not only be "pro-poor," they also must be "nutrition-sensitive," by promoting positive and sustainable interactions among all three key sectors that need to be involved: agriculture, nutrition and health.

In view of the importance of economic growth for today's low-income countries, we note with particular concern that the recovery of the world economy from the recent global financial crisis remains fragile. We nonetheless appeal to the international community to make extra efforts to assist the poorest in realizing their basic human right to adequate food. The world has the knowledge and the means to eliminate all forms of food insecurity and malnutrition. We therefore consider no ambition in achieving this aim too high, and warmly welcome the recent "Zero Hunger Challenge" announced by United Nations Secretary-General Ban Ki-moon.

José Graziano da Silva

FAO Director-General

Kanayo F. Nwanze

IFAD President

Ertharin Cousin

WFP Executive Director

The State of Food Insecurity in the World 2012 was prepared under the overall leadership of Jomo Kwame Sundaram, Assistant-Director-General, and the guidance of the management team of the Economic and Social Development Department. The technical coordination of the publication was carried out by David Dawe and Hartwig de Haen (who were also technical editors of the report), Kostas Stamoulis and Keith Wiebe, all of the Agricultural Development Economics Division (ESA). Michelle Kendrick provided coordination for all the editorial, graphics, layout and publishing services. Anna Doria Antonazzo provided excellent administrative support, and the staff of the Statistics Division (ESS) generated the underlying data on undernourishment.

This is the second edition of this report that has been jointly prepared by FAO, the International Fund for Agricultural Development (IFAD) and the World Food Programme (WFP). Thomas Elhaut (IFAD) and Lynn Brown (WFP) coordinated the support from their respective institutions. Carlos Seré of IFAD also provided encouragement to this joint venture.

The chapter "Undernourishment around the world in 2012" was prepared by the Statistics Division (ESS) of the Economic and Social Development Department, with key technical contributions provided by Carlo Cafiero, Pietro Gennari and Josef Schmidhuber.

The chapter on "Economic growth, hunger and malnutrition" was prepared by David Dawe and Hartwig de Haen. Thomas Elhaut (IFAD) prepared the chapter on "Contribution of agricultural growth to reduction of poverty, hunger and malnutrition", while Lynn Brown (WFP) prepared the chapter on "Social protection for the poor and vulnerable", with contributions from Rosaleen Martin and Susanna Sandström (WFP), and Benjamin Davis (ESA).

The box on "Promoting decent employment in agriculture and rural areas for achieving food security" was prepared by Elisenda Estruch Puertas of the Gender, Equity and Rural Employment Division (ESW). Ana Paula de la O Campos and Elisabeth Garner (ESW) prepared the boxes on "Designing transfers to promote women's social and economic empowerment" and "Designing public works programmes to benefit women". The box on "Fighting malnutrition in urban areas: the pioneering food security system of Belo Horizonte" was prepared by Holger Güssefeld of the World Future Council. Benjamin Davis (ESA) prepared the box on "From Protection to Production."

Carlo Cafiero and Cinzia Cerri (ESS) produced the technical annex under the guidance of Pietro Gennari, with support from Nathalie Troubat, Chiara Brunelli, Ana Moltedo and the entire Food Security and Social Statistics Team. Key inputs have been provided by Adam Prakash and Gladys Moreno Garcia.

Analysis for sections of the report was kindly provided by Piero Conforti and Dominique van der Mensbrugghe (ESA); and Merritt Cluff and Holger Matthey, Trade and Markets Division (EST). Chiara Brunelli (ESS), Ali Doroudian (ESA) and Nathan Wanner (ESS) provided superb research support. Melanie Cowan (World Health Organization [WHO]) provided help with accessing data.

Valuable comments and suggestions were provided by James Garrett (Office of the Deputy Director General for Knowledge, FAO); Panagiotis Karfakis, Leslie Lipper, Nick Parsons, Terri Raney, George Rapsomanikis, Mark Smulders (ESA); Carlo Cafiero and Joseph Schmidhuber (ESS); David Hallam, Trade and Markets Division (EST); Mauro Bottaro, Ana Paula de la O Campos, Elisenda Estruch Puertas, Kae Mihara, Sibyl Nelson, Hajnalka Petrics, Cristina Rapone (ESW); Pierre Gerber of the Animal Protection and Health Division, Agriculture and Consumer Protection Department (AGA); Ellen Muehlhoff, Brian Thompson and Peter Glasauer of the Nutrition and Consumer Protection Division, Agriculture and Consumer Protection Department (AGN); Irini Maltsoglou of the Climate, Energy and Tenure Division, Natural Resources Management and Environment Department (NRC); Ilaria Firmian, Gary Howe, Geoffrey Livingston, Bettina Prato, Ganesh Thapa (IFAD); Lynn Brown, Giancarlo Cirri, Sarah Longford, Saskia de Pee, Carlo Scaramella (WFP); Ousmane Badiane (Africa Division, International Food Policy Research Institute, [IFPRI]); Melanie Cowan and Monika Bloesser (WHO); Mark Fryars (Micronutrient Initiative); Mario Mazzocchi (Department of Statistics, University of Bologna); Barry M. Popkin (Department of Nutrition, University of North Carolina); Vincent Reguillart (Research Division, Institut national de la recherche agronomique [Inra], Toulouse); Marie Ruel (Poverty, Health and Nutrition Division, IFPRI); and Prakash Shetty (Institute of Human Nutrition, University of Southampton).

Useful background material for these chapters was provided by Josh Graff Zivin and Fatima Frank (University of California San Diego), Janice Meerman (ESA) and Amy Heyman (ESS). This background material was enriched by discussions with a large number of people, including Shukri Ahmed, Michelle Battat, Geraldo Calegar, Karel Callens, David Colbert, Andre Croppenstedt, Benjamin Davis, Mulat

Demeke, Sophie Descargues, Dino Francescutti, Stefano Gavotti, Benjamin Henderson, Ageng Herianto, Martin Immink, Anara Jumabayeva, Juniati, Victor Leon, David Lugg, Weldeghaber Kidane, Marco Knowles, Katia Medeiros, Danilo Mejia, Ellen Muehlhoff, Florentina Williamson Noble, Alain Onibon, Luis Dias Pereira, David Phiri, Maylis Razes, Jean Risopoulos, Luca Russo, Syed Saifullah, Garry Smith, Mark Smulders, James Tefft, Benoist Veillerette, Mario Zappacosta (FAO); Ivan Cossio Cortez, Ulac Demirag, Frits Jepsen, Zainab Kenjaeva, Miriam Okong'o, Thomas Rath, Ladislao Rubio, Steven Schonberger, David Young (IFAD); Saidamon Bodamaev, Lynn Brown, Maria Catharina, Cedric Charpetier, Richard Choularton, Giancarlo Cirri, Saskia de Pee, Ugo Gentilini, Peter Guest, Sarah Longford, Asif Niazi, Kiego Obara, Carlo Scaramella (WFP); Enrique Blanco Armas, Bénédicte de la Brière, Ziauddin Hyder, Menno Mulder-Sibanda, Claudia Rokx, Ahmed Shawky (World Bank); Mohammad Abdul Aziz, Mannan Abdul, Lalita Bhattacharjee, Marie Jo Cortijo, Ciro Fiorillo, Peter Ragno, Shaikh Sabur, Reza Talukder, Shahin Yaqub (National Food Policy Capacity Strengthening Programme Technical Team, Ministry of Food and Disaster Management, Bangladesh); Hal Hill (Australian National University); Agnes Katsulukupta (Ministry of Health, Malawi); Francesca Bastagli (London School of Economics), Millard Long (World Bank, retired), and John Oddling Smee (IMF, retired).

Graphic and layout services for the English language edition were provided by Flora Dicarlo and Omar Bolbol. Translations and printing services were provided by the Meeting Programming and Documentation Service of the Corporate Services, Human Resources and Finance Department.