# DEMAND FOR AGRICULTRAL PRODUCE IN THE NILE BASIN FOR 2030

### Four Scenarios Based on the "TRADE - GOVERNANCE" Frame

### **About this poster**

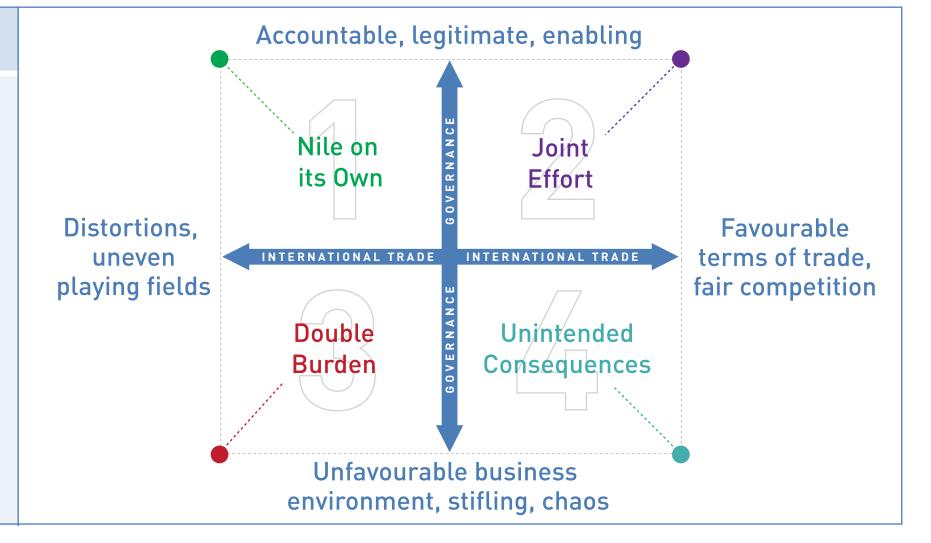
An interactive process – called Food for Thought (F4T) – was initiated in which a core group of some 25 participants from all Nile countries engaged in a joint scenario building exercise. It aimed to determine a plausible range of demand for agricultural produce in the Nile basin for the horizon year 2030. It evolved into a systematic and multi-stakeholder analysis of the complex rural development issue in the Nile region.

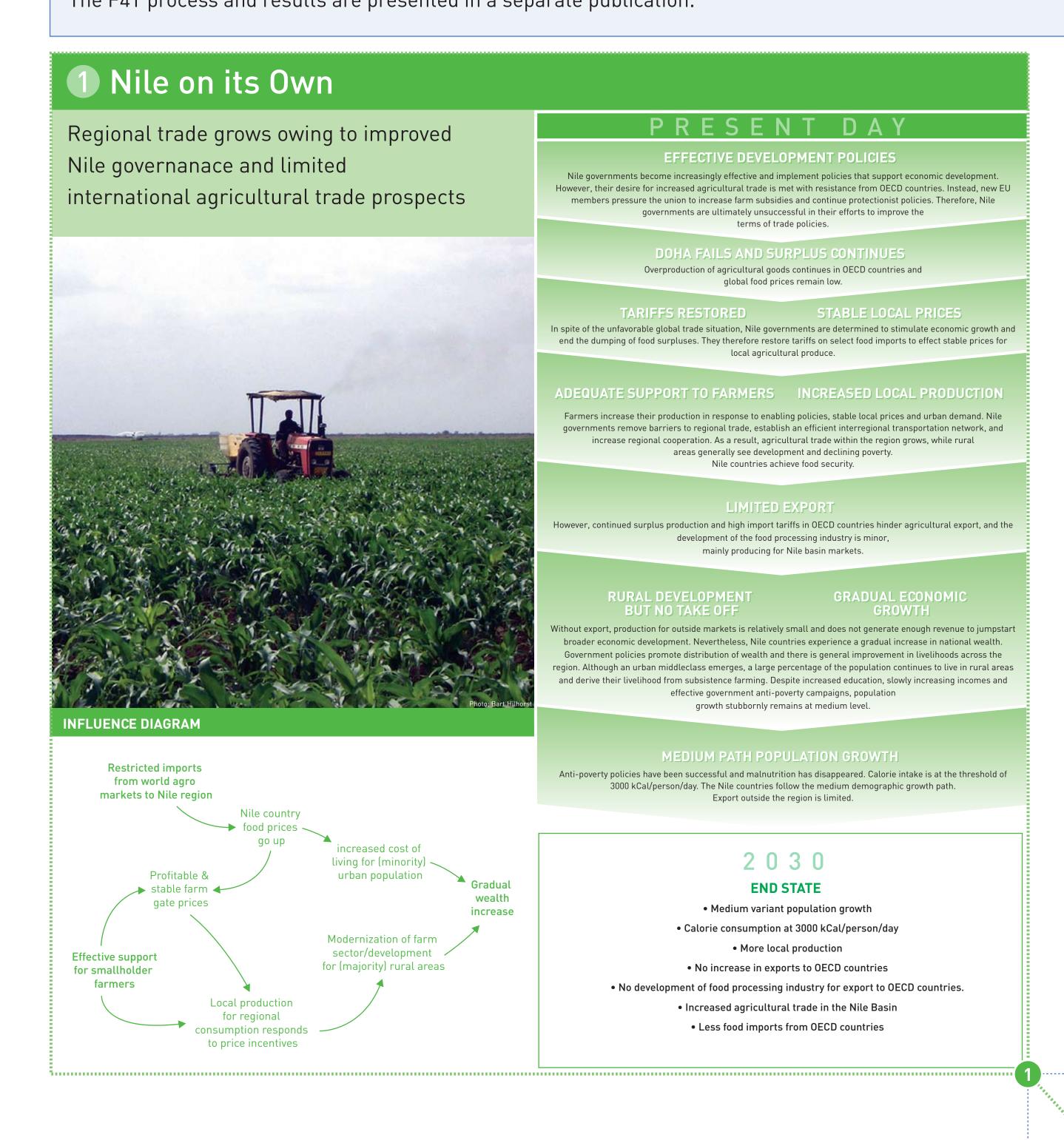
The F4T scenario set consists of four different stories. They were developed at the extreme corners of a two-dimensional scenario space with polar axis: 1) quality of governance, and 2) international trade regime.

The four scenario stories – presented in this poster in abbreviated versions accompanied by the related influence diagram – elaborate how the world moves from the current situation to arrive at these very different, but plausible futures. The method aims to maximize the spread of the scenario set within the plausibility space.

It is important to note that the four scenarios should be used as a set. None of them should be considered more likely than the others. The probability that a particular scenario will unfold in all details is near to zero. But as a set, they represent a good understanding of the range of future events that may unfold.

The F4T process and results are presented in a separate publication.

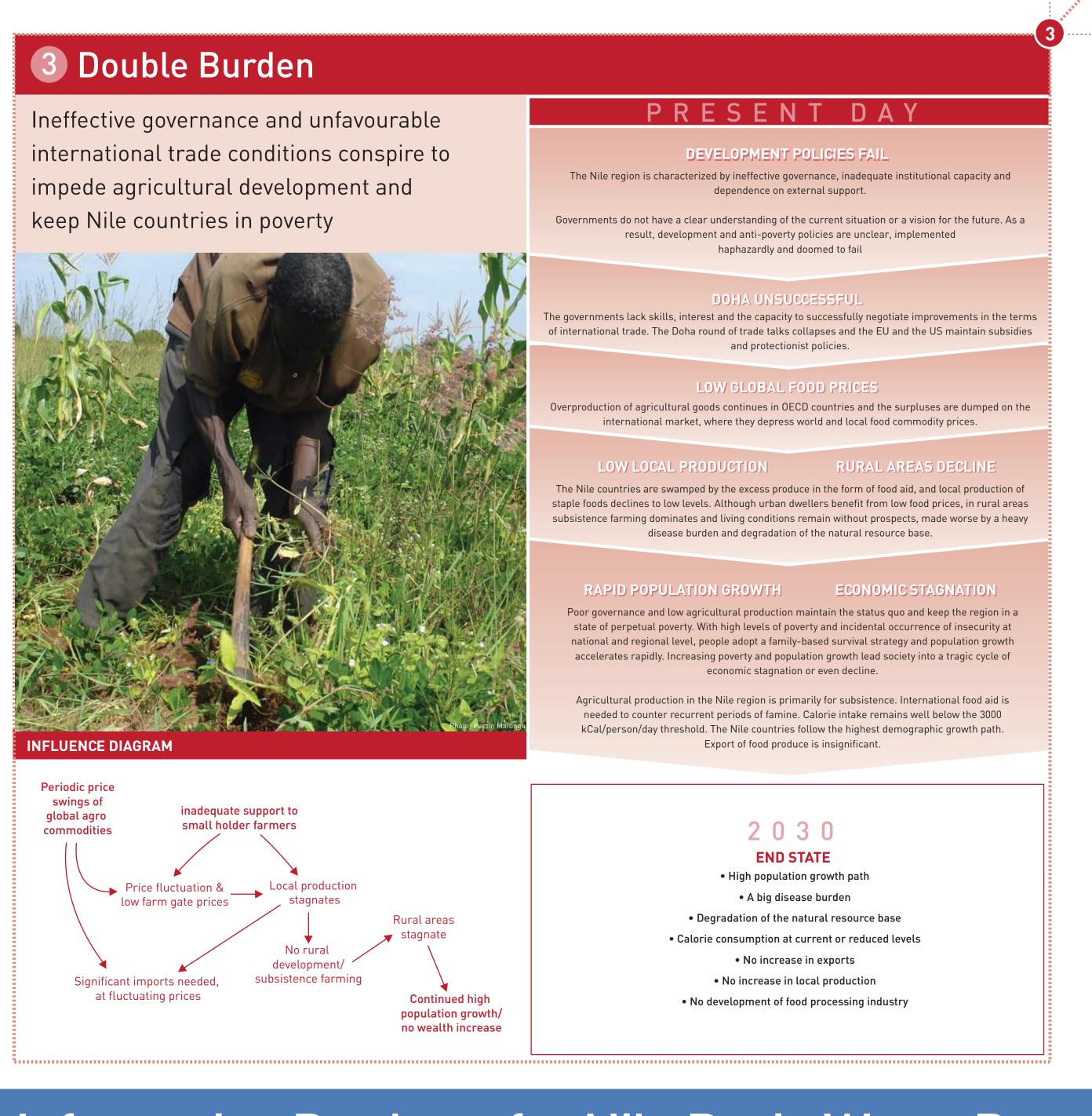


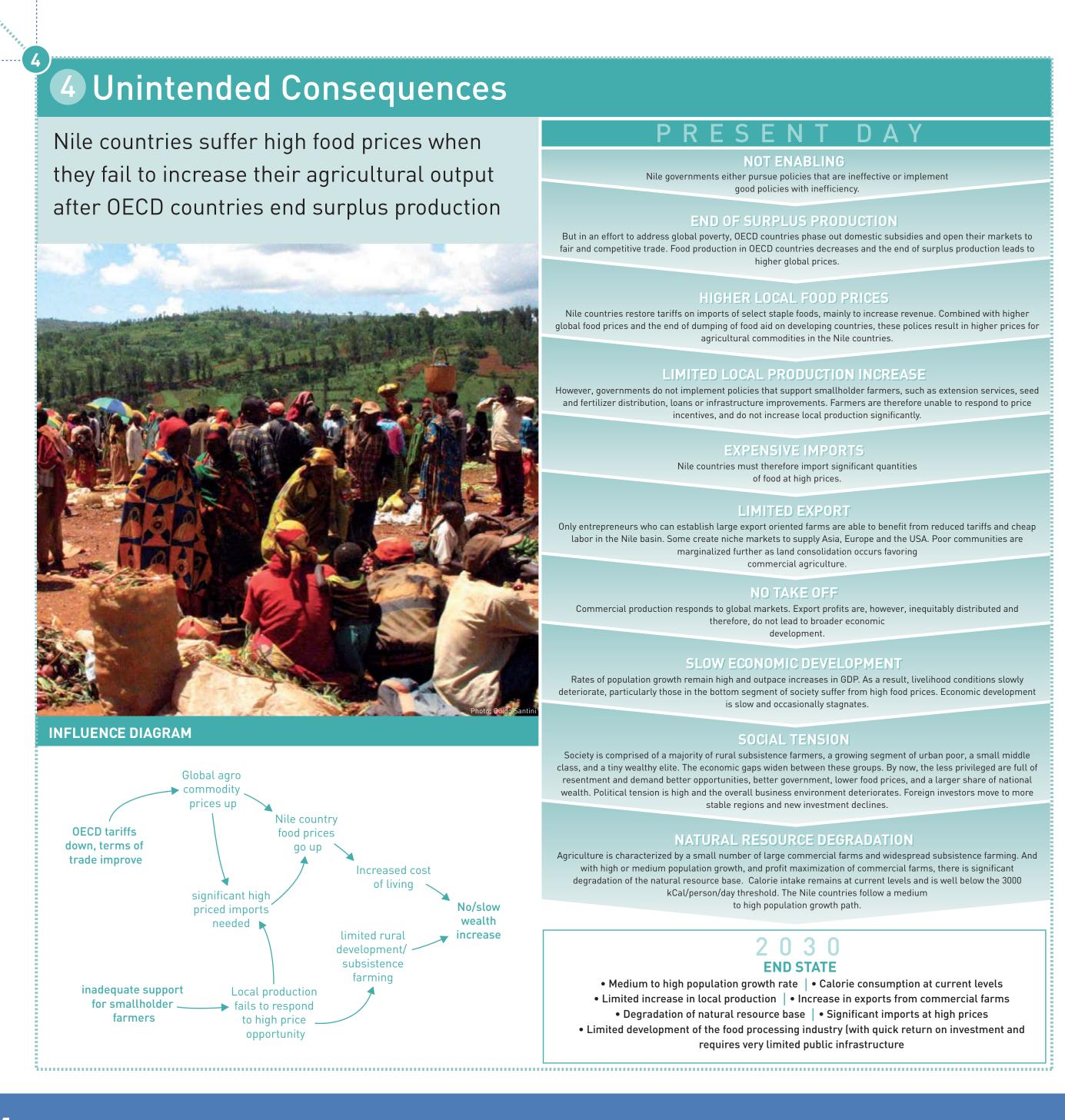


#### 2 Joint Effort Robust governance and improved international **IMPORT TARIFFS RESTORED** agricultural market opportunities propel nile Popular desire and external pressure cause Nile governments to become more effective. Nile governments and other developing countries coordinate their efforts to improve the terms of international agricultural trade. In order to countries into the middleclass stabilize prices and stimulate local production, tariffs on imports of select IMPROVED TERMS OF TRADE OECD citizens refuse to continue subsidizing expensive domestic agricultural producers, are motivated to reduce global poverty, and demand changes in farm and trade policies. As a result, OECD countries decouple agricultural subsidies from production, reduce import tariffs on raw agricultural produce, and HIGHER GLOBAL AND LOCAL FOOD PRICES With an end of enabling subsidies, agricultural production in OECD countries declines, surpluses disappear, and world food prices rise. This, combined with the restoration of tariffs, leads to higher local prices for agricultural commodities in the Nile countries. DEQUATE SUPPORT TO FARMERS INCREASED LOCAL PRODUCTION Rural development remains high priority for national governments. They spread agricultural extension services, improve transport infrastructure and extend energy supplies. Farmers increase production. This leads to increased agricultural trade at local and regional levels. Market transactions improve and rural economies deepen. Rural areas experience general development and improvement of livelihoods. INCREASED EXPORT There is significant increase of export of agricultural commodities from the Nile basin countries, especially from areas with effective transport links, and of commodities in whose production the region has comparative advantage. DEVELOPMENT OF PROCESSING INDUSTRY The end of OECD escalating tariffs on processed goods allows Nile countries to take advantage of low labor costs and increase food processing in the region. As a result, more processed goods are exported from the Nile basin, there is higher demand for some kinds of produce, and jobs are created in the farming and processing sectors. **ECONOMIC TAKE OFF** Export revenue and rural development stimulate economic activities in other sectors. Economic growth takes off and per capita income increases across the board. Biofuels are produced for domestic markets, emerging as yet another engine for economic growth. **GROWTH OF MIDDLE CLASS** Favorable economic conditions stimulate the growth of the middleclass, which tends to have smaller families. Lower **INFLUENCE DIAGRAM** population growth, increased education and higher disposable incomes set the conditions for fast and sustained economic growth. Governments have sufficient resources to maintain qualified staff and are able to respond to pressure from the growing and well-educated middleclass for improved governance. Global agro RAPID ECONOMIC DEVELOPMENT prices up Increased local demand, increased interbasin and international trade, better management of the economy, and positive expectations for the future, accelerate economic growth. By now, poverty levels decline rapidly and more and more people enter the formal economy. Effective support to farm & agro stable farm gate prices, & increased business sector LOW POPULATION GROWTH increased cost Terms of agro As the middle class expands and small families become the norm, Nile countries follow the lowest demographic of living for growth path. Because of increased wealth, calorie intake per capita exceeds the threshold of 3000 kCal/person/day. trade improve (minority) urban local production High local food prices encourage production and lead to long-term food security. Exports from the Nile countries to population global markets increase. responds to price Farm sector incentives & 👞 modernization / increased 2 0 3 0 strong development demand Export opportunities for (majority) **END STATE** & emerging processing rural areas industry for export • Low variant population growth • ¢alorie consumption above 3000 kCal/person/day Rapid economic • More local production | • Less imports of staple foods ▲ New jobs in development • Increased demand for selected agricultural produce for local processing agro industry & and trade • Export opportunities for areas with good transport links and, and for commodities with comparative advantage

### DISTORTIONS, UNEVEN PLAYING FIELDS

### FAVOURABLE TERMS OF TRADE, FAIR COMPETITION





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