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# GLOBAL HARVEST INITIATIVE

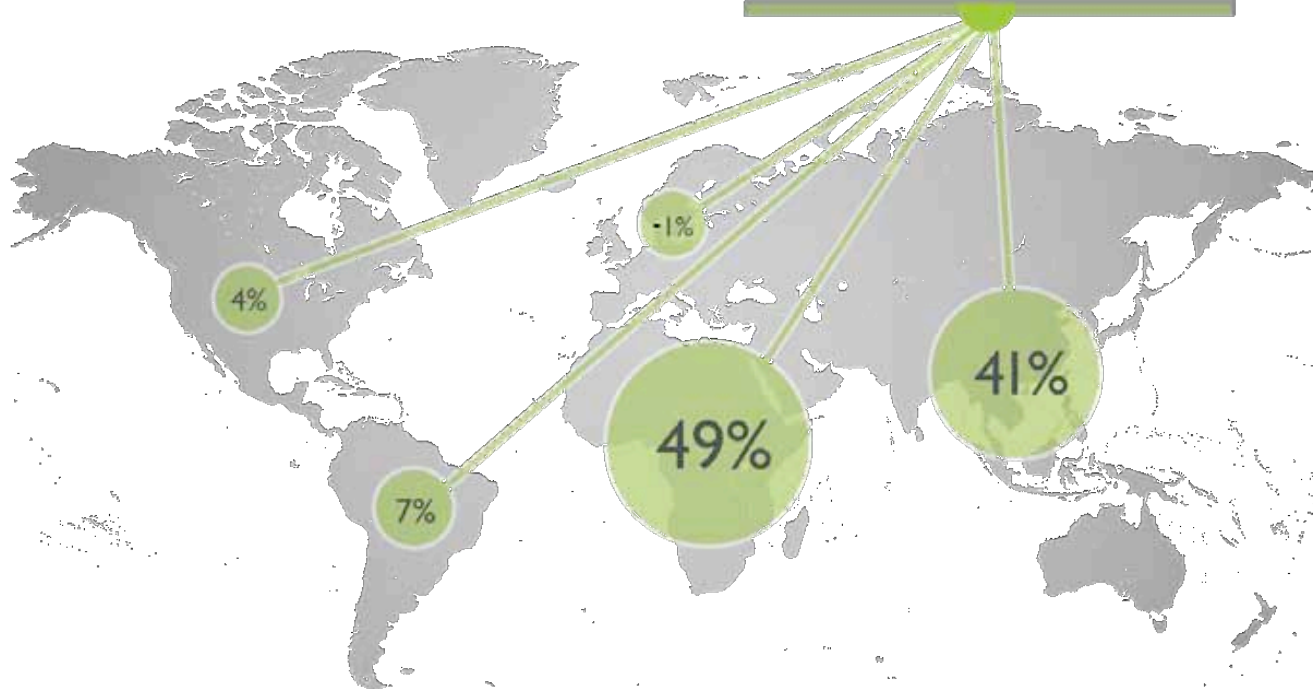
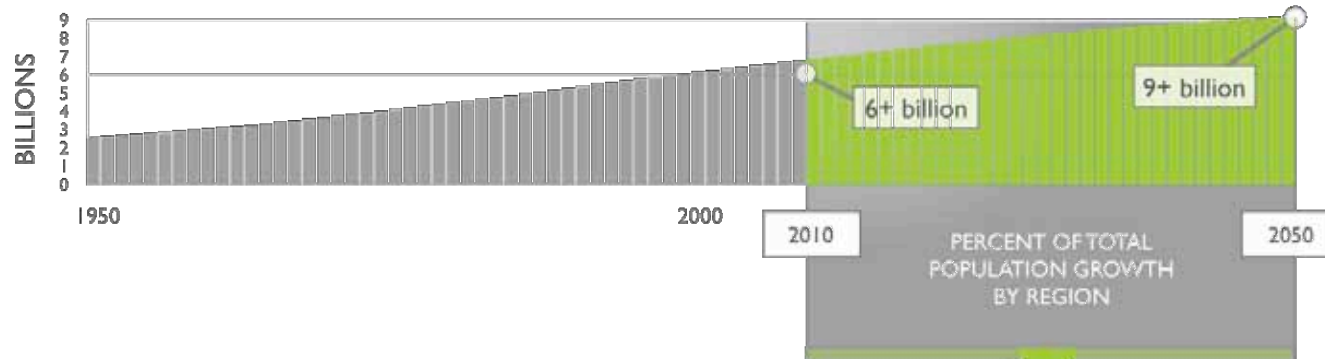
[About GHI](#)

Established in 2009 by ADM, DuPont, John Deere and Monsanto

Mission - Eliminate the global productivity gap by sustainably doubling agricultural output through increasing the rate of productivity to meet the needs of a growing world



# GLOBAL POPULATION GROWTH AND PERCENT OF GROWTH BY REGION 2010-2050



# DYNAMICS OF FOOD DEMAND

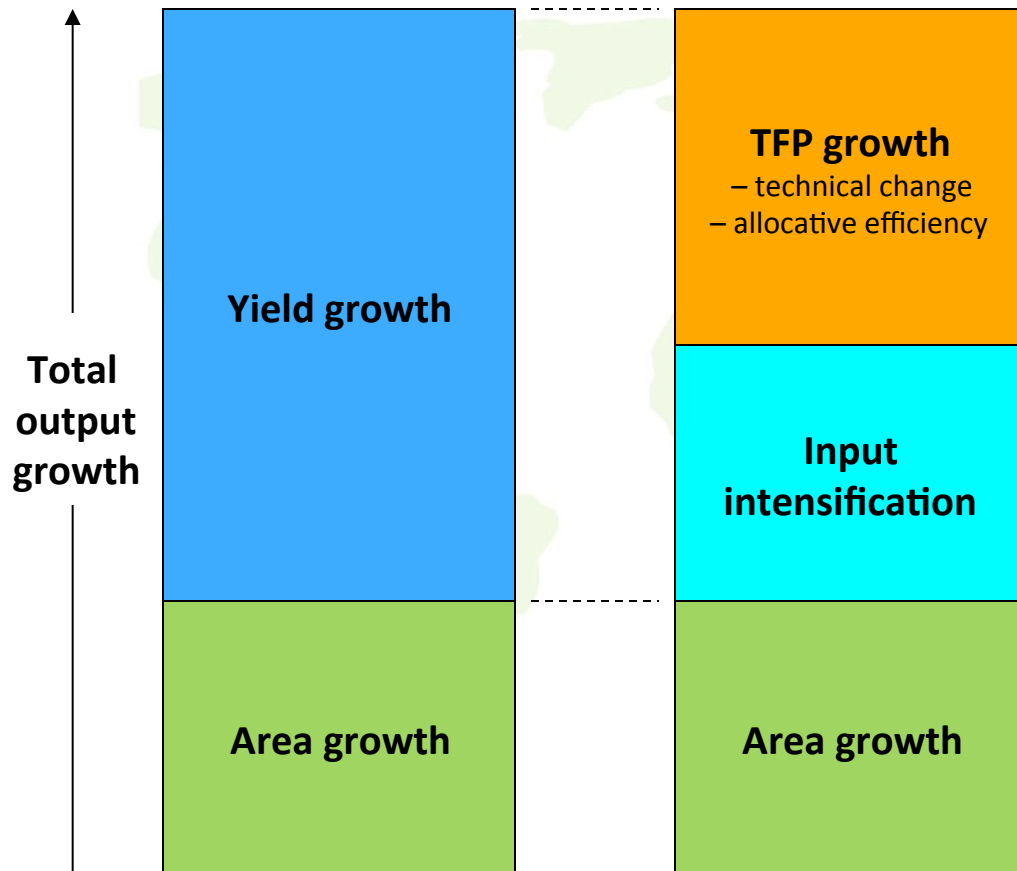




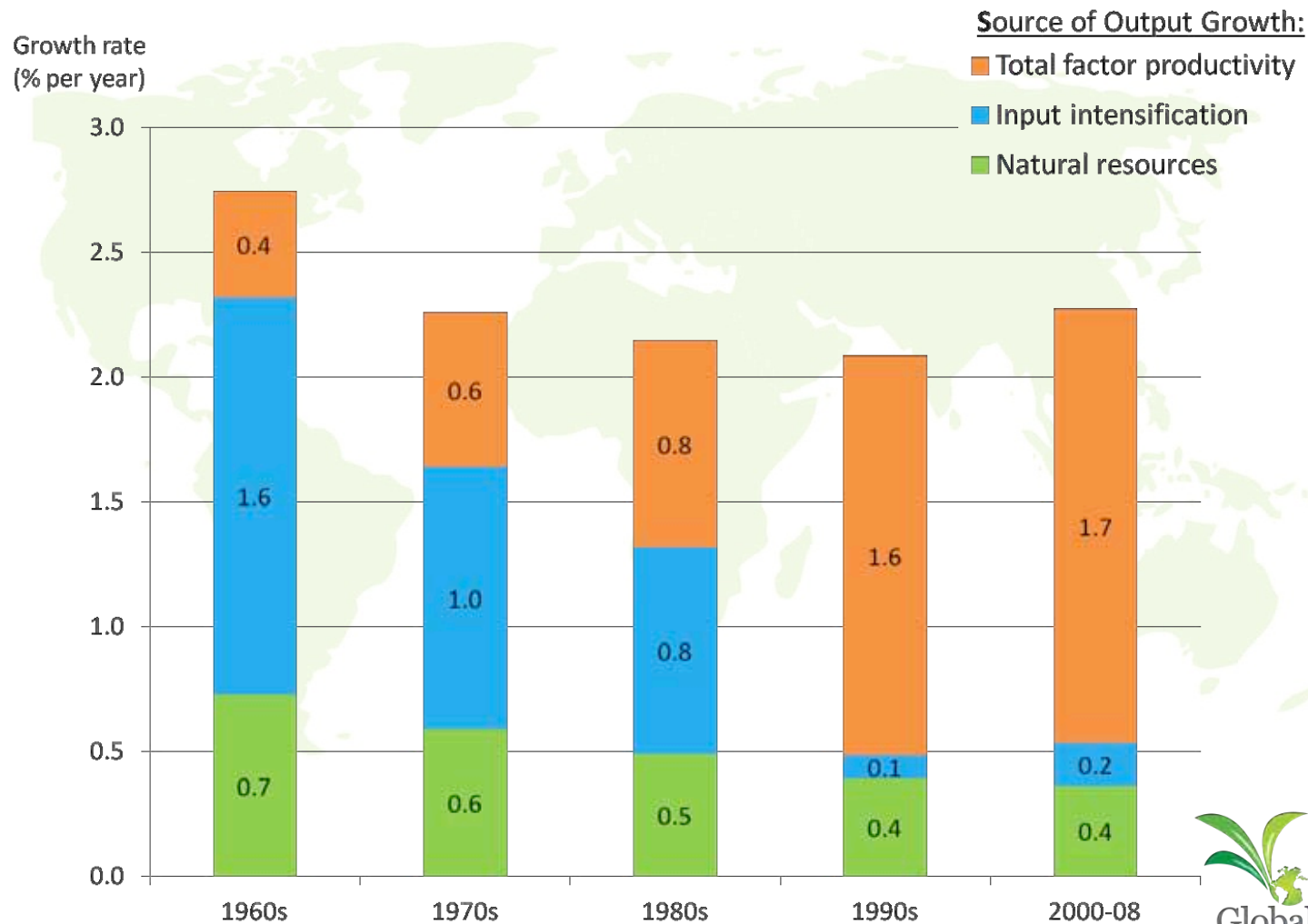
# Defining and Measuring the GAP



# BOTH INPUT INTENSIFICATION AND TOTAL FACTOR PRODUCTIVITY (TFP) CONTRIBUTE TO YIELD GROWTH



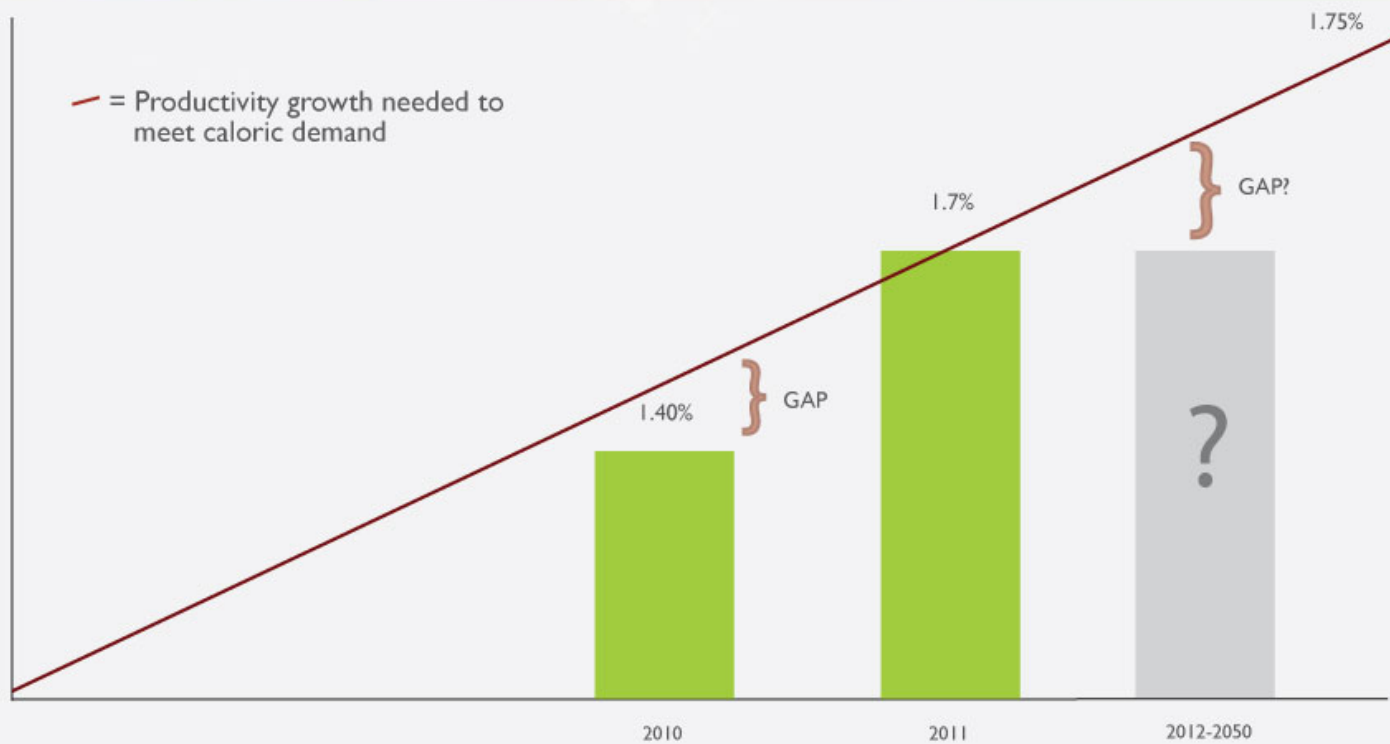
# GLOBALLY, TFP HAS REPLACED INPUT INTENSIFICATION AS THE PRIMARY SOURCE OF YIELD AND OUTPUT GROWTH



# THE 2011 GAP INDEX™

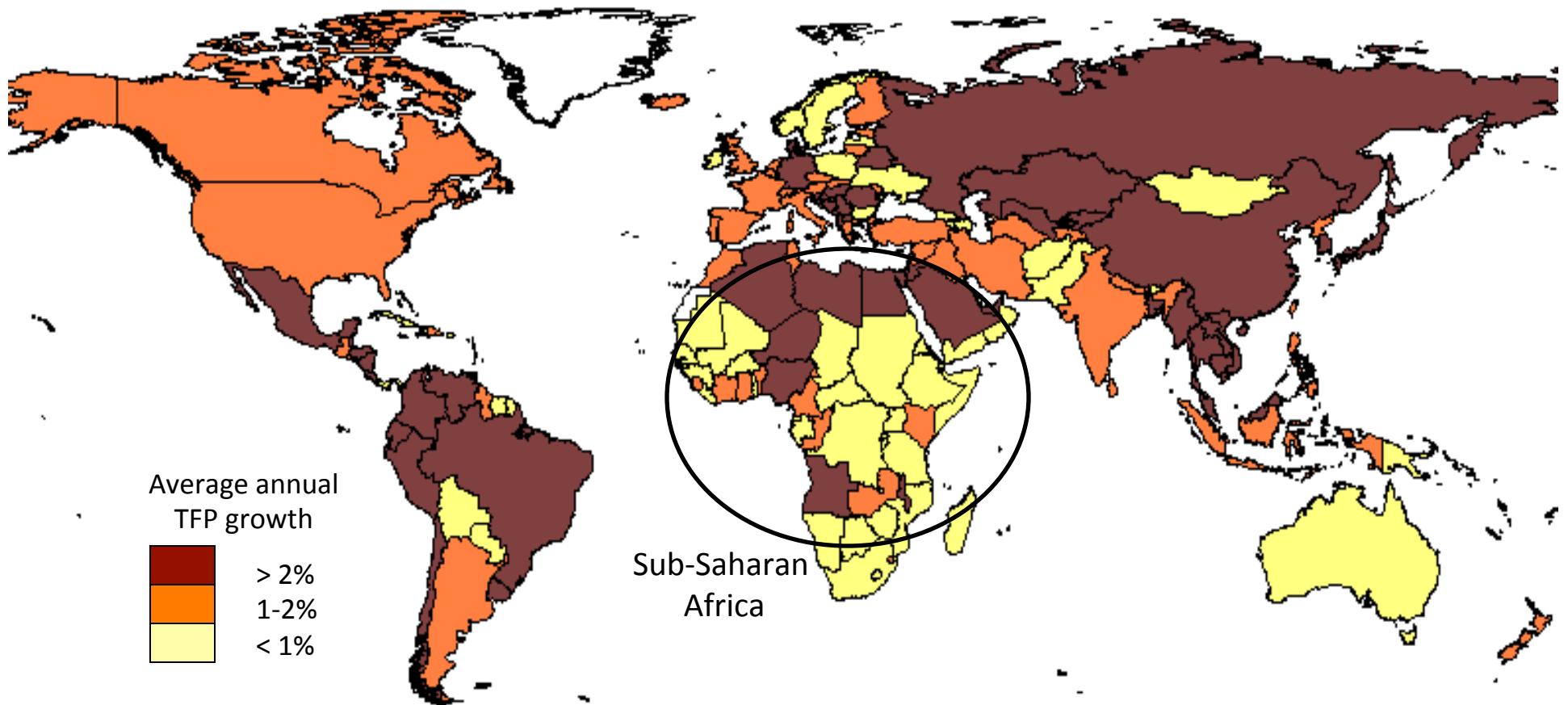


## The Global Agricultural Productivity Index™





# AVERAGE AGRICULTURAL TFP GROWTH, 1990-2008



# GHI IDENTIFIED 5 POLICY SOLUTIONS THAT FOSTER AGRICULTURAL DEVELOPMENT AND GROWTH

- Agricultural Research
- Removing Barriers to Global and Regional Trade
- Embracing Science-Based Technologies
- Strengthening and Streamlining Development Assistance Programs
- Enhancing Private Sector Involvement in Agricultural and Rural Infrastructure Development



MORE INFORMATION AVAILABLE ONLINE



[www.globalharvestinitiative.org](http://www.globalharvestinitiative.org)

