



Science For A Better Life



Feeding the World

Dr Klaus Eckstein/CEO and Head of Crop Science for Southern Africa/Agribusiness Africa Conference/5 July 2017



**Almost all hungry people, 780 million
hungry people, live in developing countries**

Source: <http://www.worldhunger.org>

Today's trends trigger fresh calls to focus on world food security

ACCESS TO **FOOD**

EXTREME
Weather

MARKET
VOLATILITY

FOOD WASTAGE
WESTERN-STYLE **DIETS**

1 bln **HUNGRY**

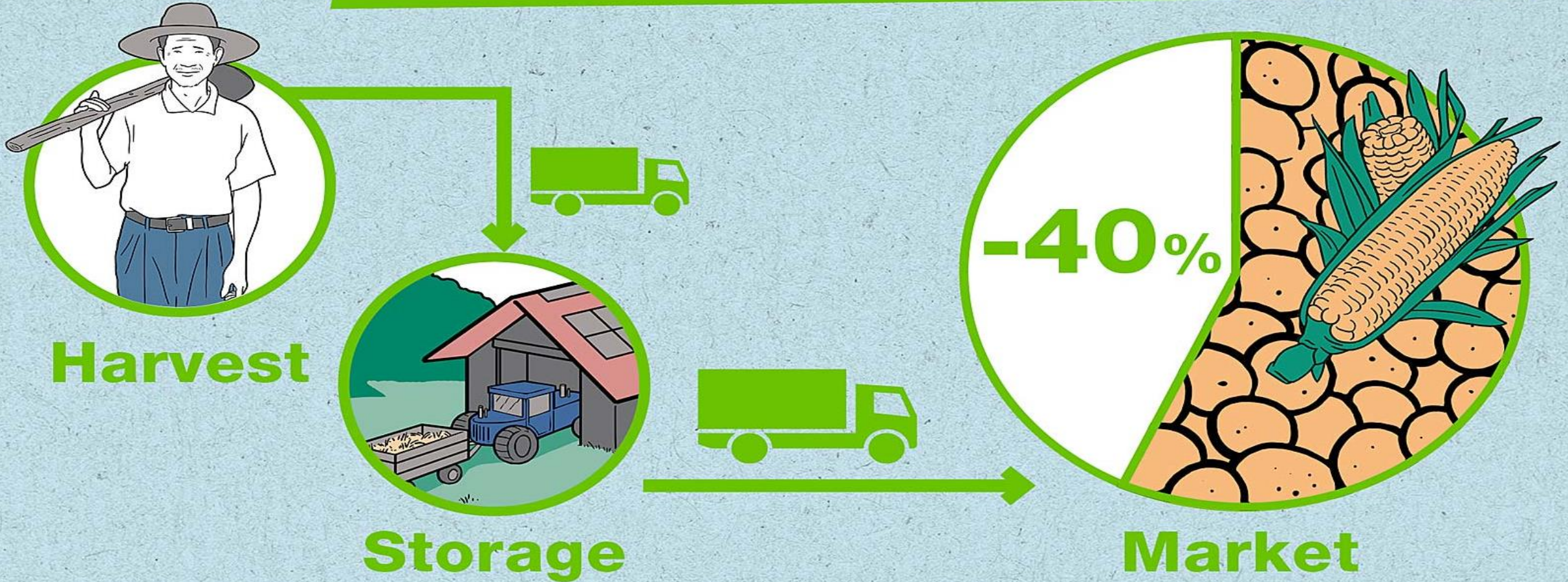
1 bln **OBESE**

LIMITED
arable **LAND**

Need to **increase** food production by **70%** to meet demand by **2050**




Post-harvest losses in developing countries





**Africa has the agricultural
potential to not only be self-
sustainable but to also feed the
world**

A photograph showing three individuals in a field of young green plants. On the left, a man with glasses and a denim shirt is crouching and pointing at a plant. In the center, a man in a light-colored shirt is also crouching and looking at the plant. On the right, a woman with braided hair and a striped shirt is crouching and looking at the plant. The background is a dense field of similar plants under bright sunlight.

Small-scale farmers play a fundamental role in food security considering that they produce more than 80% of the food consumed in developing countries, and 40% off all the food consumed in the world.



Smallholder Farming

Building partnerships to take farming in Africa to the next level



FRUITS & VEGGIES

MODERN CROP PROTECTION ALLOWS FARMERS TO INCREASE YIELDS SUBSTANTIALLY¹:

+20 – 50% FRUITS AND VEGETABLES

+60 – 70% CEREALS AND CA.

+75% POTATOES

Access to innovation is
crucial to the success of
smallholder farmers

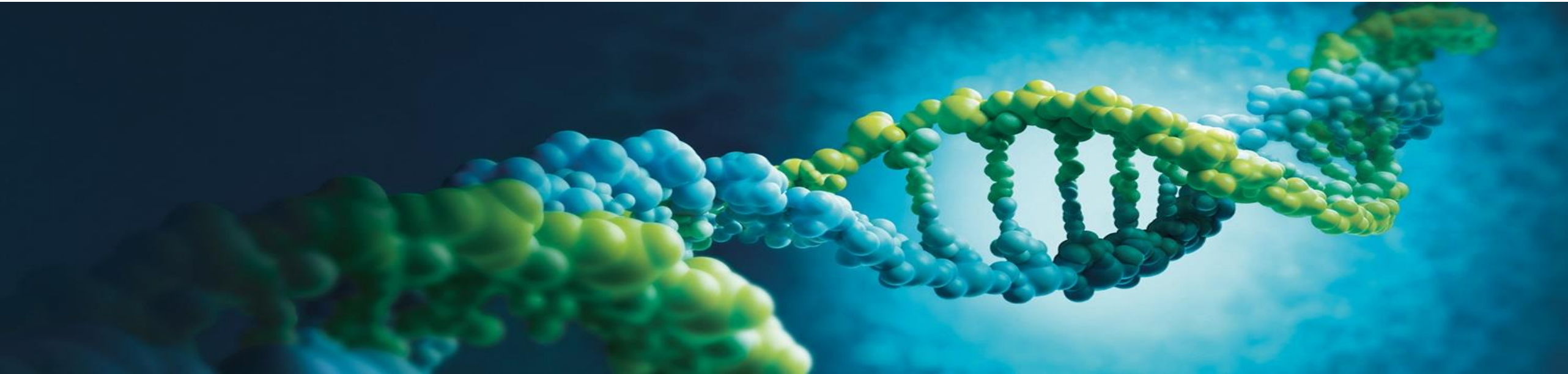




Collaboration is Everything



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Thank You