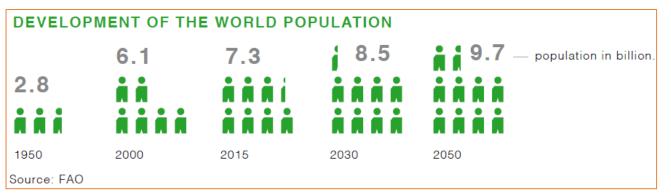
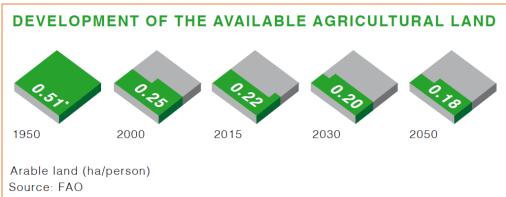


More people, less agricultural land => strong demand!



1. The world population is increasing. In 2030, the worldwide agricultural sector will need to supply 8.5 billion people, which corresponds to a 16% increase compared to 2015.



DEVELOPMENT OF THE DEMAND FOR AGRICULTURAL PRODUCTS

Change in % 2015/2030

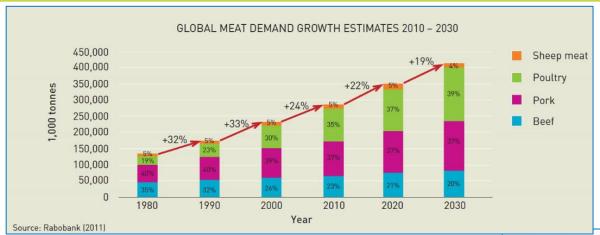
Cereals Pig meat Poultry meat Dairy products

Source: FAO

3. Simultaneously, the agricultural land available per capita is decreasing. In 2030 there will be 10% less agricultural land available compared with 2015.

2. Demand will thus grow. By 2030, it will be necessary to produce 8% more cereals, 19% more pig meat, 17% more poultry meat and 10% more dairy products. In 2030 we need between 8% and 19% more foodstuff than today.

Change in dietary habits – meat consumption



1. By 2030, global meat demand is expected to rise to more than 400 million tonnes.



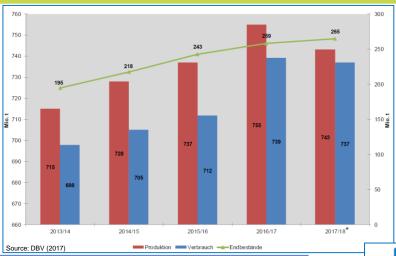
3. The global increase in meat demand about 5.7 million t/p.a. exceeds the annual meat demand in Germany about 4.93 million t /p.a.



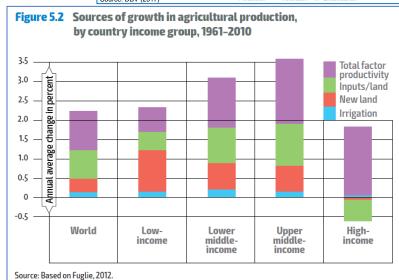
2. Per-capita consumption of meat in Germany in kg/p.a. is decreasing.



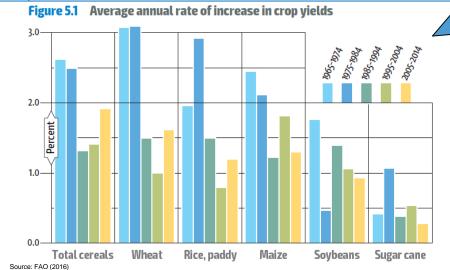
Development of stocks and yields



1. Global wheat supplies 2017/2018 – building of stocks is continuing.



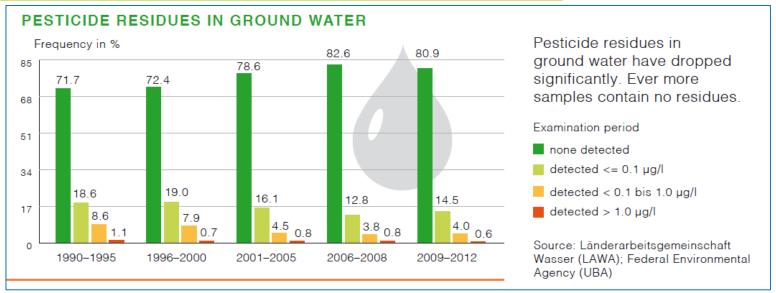
3. While output in low-income countries has increased mainly through the expansion of agricultural areas, over the last decade TFP growth has increased significantly.

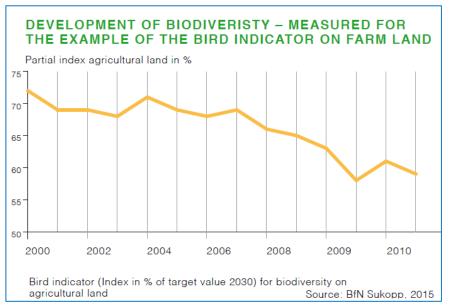


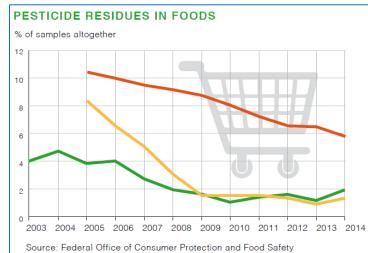
2. In recent decades, increases in yields have been dropping.



Honest assessment









Well-stocked toolbox



Source:www.iva.de



Source:www.bmbf.de



Source:www.hatzenbichler.com



Source:www.ebay.de





Source:www.fendt.com



Source:www.badische-zeitung.de



Source: www.leopoldina.org

Agriculture 2030



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Recognize signals.



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