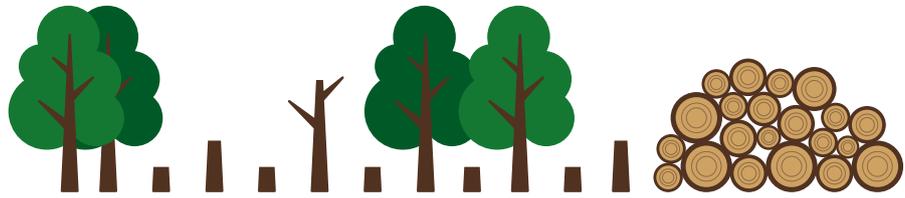


Sustainable Agriculture

Competition for land

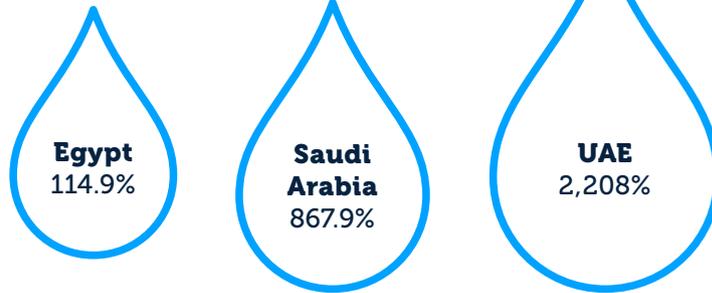
...for human food,
animal food and biofuels



Water Stress

3.9 billion people
in river basins face severe
water stress by 2050

Agriculture water withdrawal
(as a % of total renewable water resources)



Top 3 / Bottom 3 Performers

Sustainable agriculture

TOP PERFORMERS

- Germany
- Canada
- Japan

BOTTOM PERFORMERS

23. Egypt
24. United Arab Emirates
25. India

Responses



Conservation
of arable land



Reduced use of
fertilisers & pesticides



Efficiency
in water use



Investments in
agricultural knowledge,
science & technology

Technology Frontiers



Satellites



Big data



GPS-enabled
tractors



Sensors



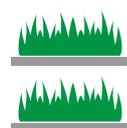
Robots



Genetic
modification



Drones



Vertical
farming



Synthetic
biology

Data from the Food Sustainability Index and index sources

Developed by