Main Pressures On Water Resources

- About 70% of freshwater resources are used in **agriculture**. Population growth also triggers demand for food and thus an increase in agricultural production.

- **Global climate change** is significantly affecting the water cycle in the world and the amount of rainfall that falls on the Earth. This causes flooding in some places due to excessive rainfall and in some places drought.

- Pollution of already limited freshwater resources as a result of various industrial, domestic and agricultural activities causes further pressure on these water resources. In order to clean one litre of waste water, **8** litres of clean water must be used.

According to the Global Risk Report presented at the World Economic Forum in 2014, a possible water crisis has entered the top 3 among the risks of most concern to the world economy. Although negative impacts on water resources are often experienced locally in this context, "water safety" is now described as a global issue.

Water Resources and water shortage in Turkey

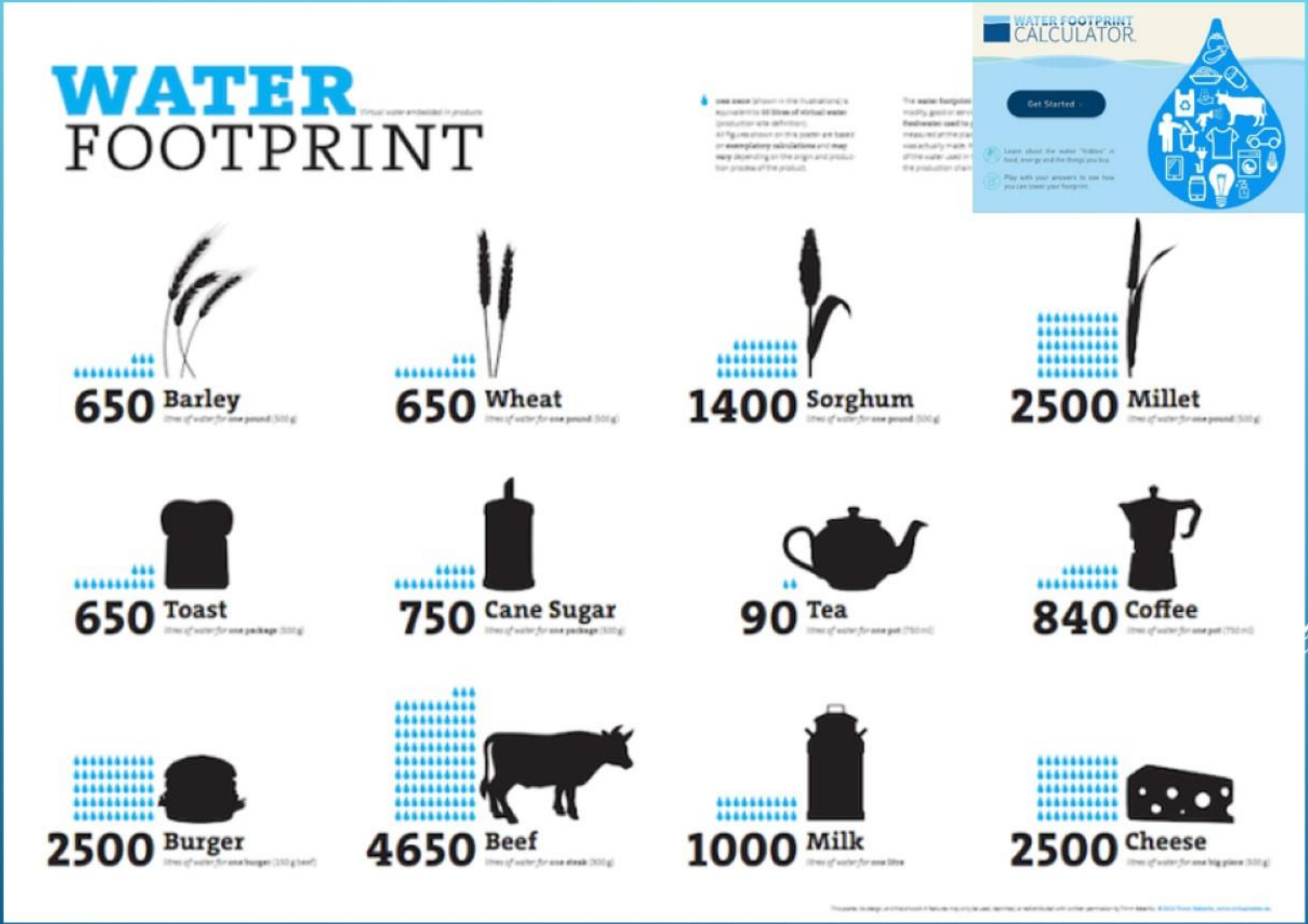
Turkey is not a water-rich country. Considering the amount of water per capita of approximately 1700 m^3', it is considered as a "water-scarce" country.

When the population growth is taken into consideration, it can easily be predicted that this figure will decrease further in the coming years. Water consumption is increasing faster than population growth.. While the world's population has increased 3-fold in the past century, the demand for water has increased 7-fold. Therefore, Turkey is in a candidate position to become a "water-poor" country if no precautions are taken and water waste is not prevented.

There are 112 billion m^3 of usable water resources available in Turkey.

The utilization rate of these resources is approximately 39%.

32 billion m^3 of this resource in agricultural irrigation, 7 billion m^3 is used in drinking and using, 5 billion m^3 is used in the industry.


WATER
FOOTPRINT
WATER FOOTPRINT
CALCULATOR
Get Started
650 Barley
650 Wheat
1400 Sorghum
2500 Millet
650 Toast
750 Cane Sugar
90 Tea
840 Coffee
2500 Burger
4650 Beef
1000 Milk
2500 Cheese