

Water in the Supply Chain of...



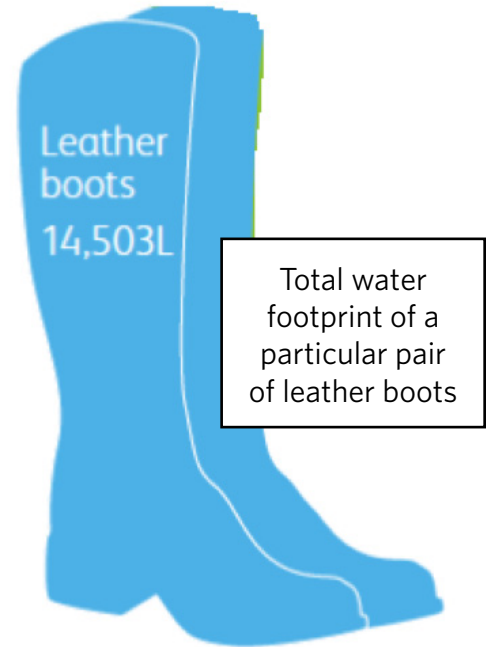
Leather boots:

1. Cattle farming (96% of overall water use!):

- Growing corn to feed the cows
 - A lot of water is used for irrigation.
- Raising the cows
 - Cows need water to drink.

2. Tannery operations (4% of overall water use):

- Treatment of the cow hides
 - Water is needed to clean and soak the cow hides.
 - Chemicals are used to treat the cow hides, and water is used to deal with the chemical waste.
- Other uses
 - e.g., dyeing the leather with water-based dyes.



NOTE: All of the water footprint information presented here is from [The land and water footprints of everyday products by Helen Burley at Friends of the Earth](#). Friends of the Earth Copyright Notice available [here](#).





Smartphones:

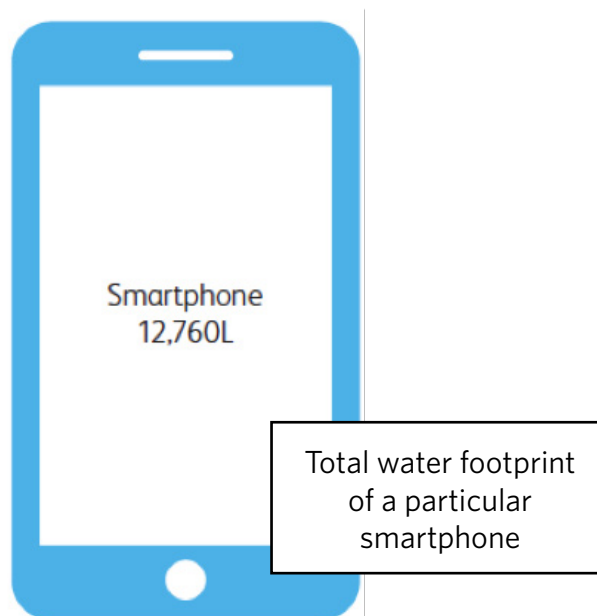
1. Obtaining raw materials (40% of overall water use)

- Mining
 - The mining of minerals and metals like those used in making batteries, magnets, and LED lights can create large quantities of waste water containing arsenic and other harmful pollutants.
- Producing plastic
 - The production of plastic for things like packaging requires a lot of water.

2. Manufacturing of the electronic parts (14% of overall water use)

3. Manufacturing and assembly of the phone (40% of overall water use)

- Dilution
 - 95% of the water used in this process is used to dilute pollutants that are created during the manufacturing and assembly of the phone!



NOTE: All of the water footprint information presented here is from [The land and water footprints of everyday products by Helen Burley at Friends of the Earth](#). Friends of the Earth Copyright Notice available [here](#).



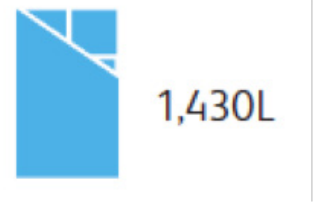
Water in the Supply Chain of...



Chocolate bars

1. Farming (92% of overall water use)

- Growing trees
 - Cacao beans are the main raw ingredient in a bar of chocolate, and grow on trees that need wet, tropical climates.
- Growing sugarcane or sugar beets
 - Requires irrigation



Total water footprint
of a particular
chocolate bar

2. Production of animal products (milk and eggs) (7% of overall water use)

- Raising the animals
 - Water is used in both irrigating the feed grown for animals like cows and chickens to eat and for direct use by the animals
 - Water is required to deal with animal waste products

NOTE: All of the water footprint information presented here is from [The land and water footprints of everyday products by Helen Burley at Friends of the Earth](#). Friends of the Earth Copyright Notice available [here](#).

