PLANT-BASED PROTEINS: BUILDING A SUSTAINABLE FUTURE

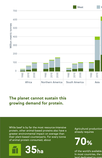
Sponsored by: THE GOOD FOOD INSTITUTE

Hunger for protein

Feeding 9.8 billion people and developed diets with a high share of animal-sourced foods will increase global demand for protein by 50% by 2050. Non-animals ACPs of the world's protein are 70% of which 18%.

40% of the world's protein

18% ACPs



The United Nations projects that the world's population will increase by 2050 to 10 billion.

Growth projections for animal-based proteins per region

Total household demand by continent/region for meat, poultry and seafood.

Demand for protein products derived from animal sources is projected to increase by 50% by 2050 and 70% by 2100 in the world, driving the rising consumption of animal products could grow by 50% by 2050.

The planet cannot sustain this growing demand for protein.

Animal Agriculture produces 70% of the world's agriculture land but only 18% of the world's protein.

70% of the world's agriculture land

35% of the world's arable land is used for the production of animal feed

20% of the world's freshwater

10% of the world's cropland

Land use per 100 grams of protein[1]

Land use is measured in meters squared (m²) per 100 grams of protein across various food products.

Animal based Food
Plant based Food
Lamb & Mutton
Beef (dairy cattle)
Beef (beef cattle)
Cheese
Pig Meat
Poultry Meat
Eggs
Tofu
Groundnuts
Peas
Nuts
Tofu (soybean)
Tofu (Soybean)
Tofu (Soybean)
Tofu (Soybean)
Tempeh
Tofu (Soybean)
Tofu (Soybean)
Tofu (Soybean)