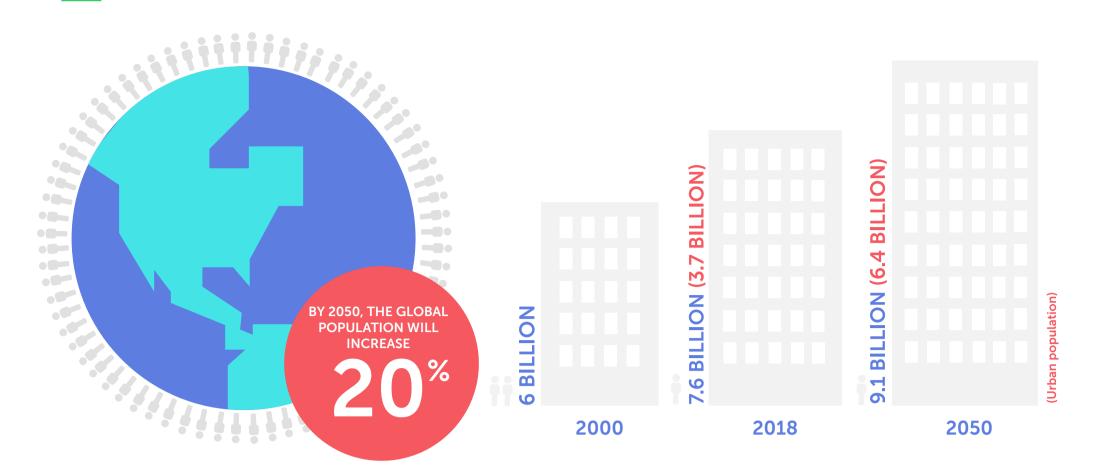


# Plant Protein to Power the Planet



### Can Food Production Keep Pace With Population Growth?<sup>1-6</sup>



Our current food system already uses:2-5







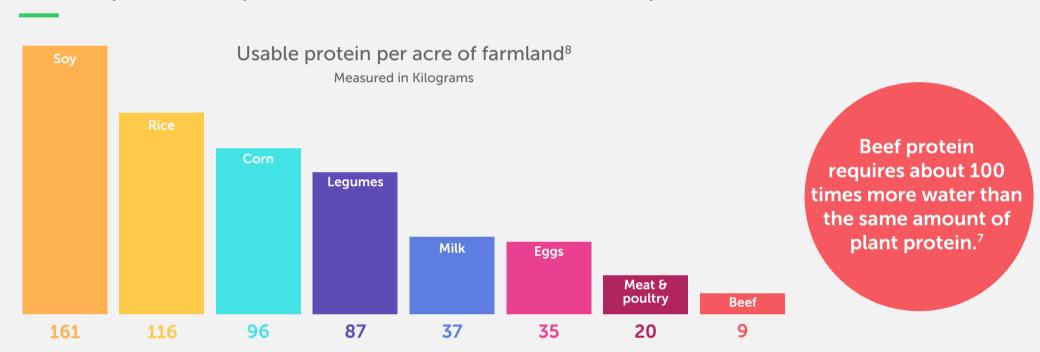


To feed this huge population, food production will have to

# more than double<sup>6</sup>

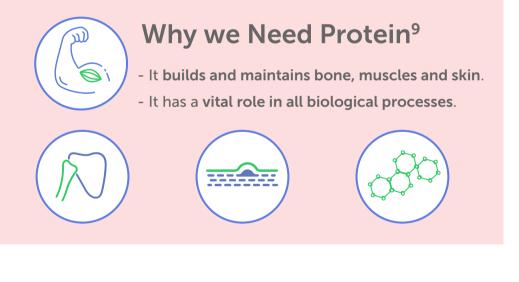
Urban populations tend to be richer and consume more meat on average.1

### Animal protein requires more land and water to be produced.<sup>7,8</sup>



There is simply not enough land on the planet to feed a diet high in animal protein to the growing population.

### Why Protein is Important and How Can we Supply World's Protein Requirements?9-13





## Not all Proteins are equal9

**High quality** protein essential amino acids in the right amount include:

Low quality protein sources that contain all sources that lack one or more essential amino acids:

- Animal protein
- (meat, eggs, milk)
- Soy
- Quinoa
- Nuts - Seeds
- Pulses
- Grains - Vegetables
- A combination of different sources of low quality protein can improve its quality: pulses + grains.



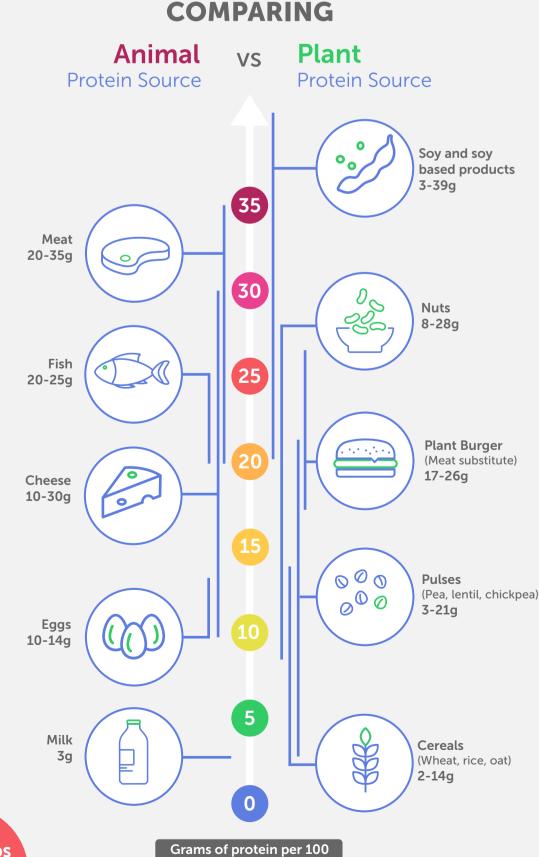
#### **Plant Protein based diets** can help to:12,13

- Provide more fibre and less saturated fat. - Support animal welfare.
- Protect the environment



An increase in plant-based foods may have possible unintended dietary consequences, such as an inadequate supply of some nutrients.

**A TYPICAL ADULT NEEDS 50**g **OF PROTEIN** A DAY<sup>10</sup>



grams of prepared food<sup>11</sup>

As billions of new people are added to the growing global population, plant protein-based diets could provide the increasing population with the protein they need, as well as promote health and environmental benefits.<sup>12</sup> But it is important to equally consider nutrition and environmental impact of any dietary shifts<sup>14</sup>