Eating meat – a problem?

???

Environmental effect of eating animal products

"The livestock sector produces about 15% of global greenhouse gases,

roughly equivalent to all the exhaust emissions of every car, train, ship and aircraft on the planet. "

https://www.bbc.com/news/science-environment-34899066

Impact of consuming animal products

This means: eating animal products,

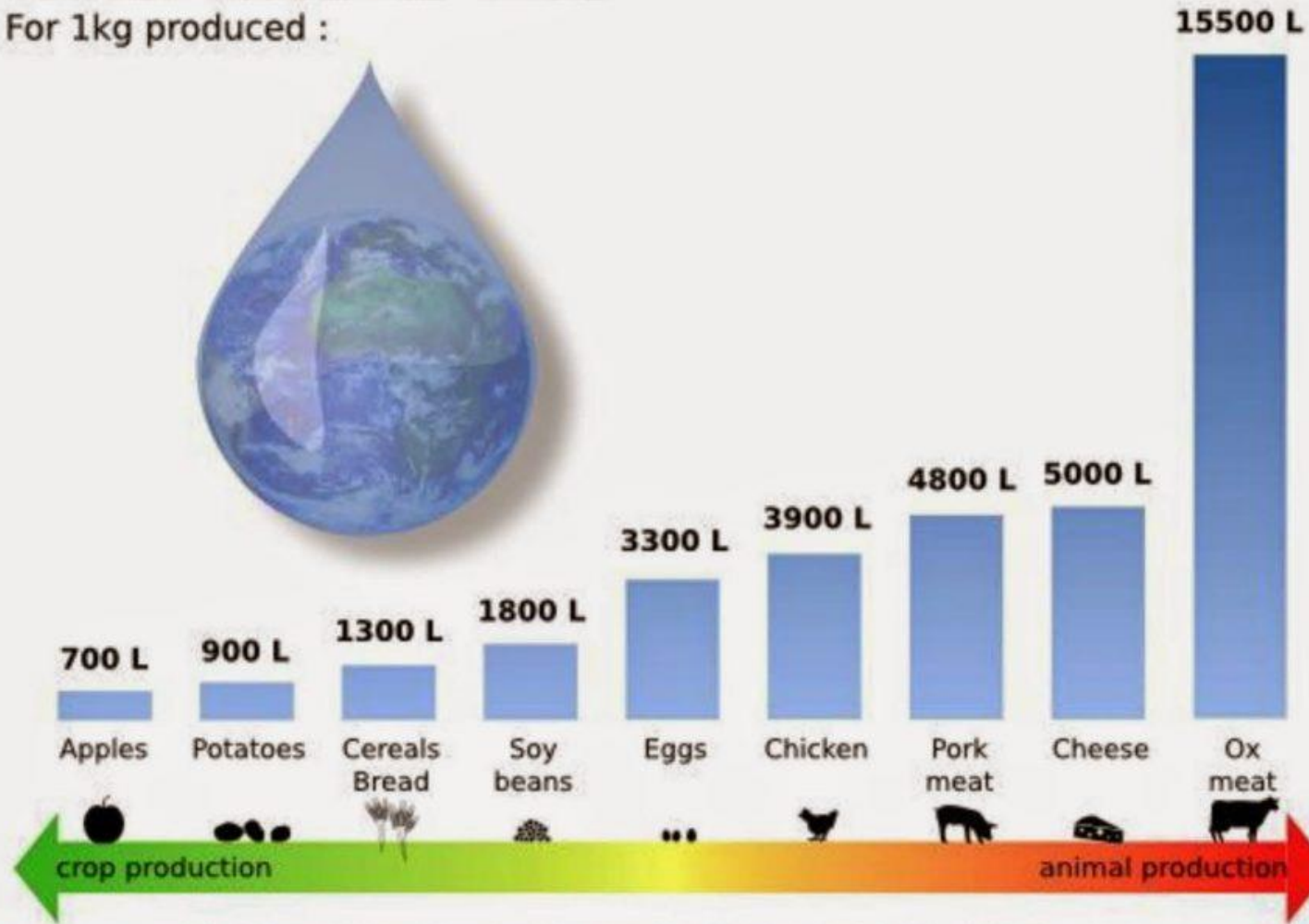**like meat, cheese, milk etc. produces as much harmful gas as all**

- ▶ **Trains**

- ▶ **Cars and lorries**

- ▶ **Cruise liners**
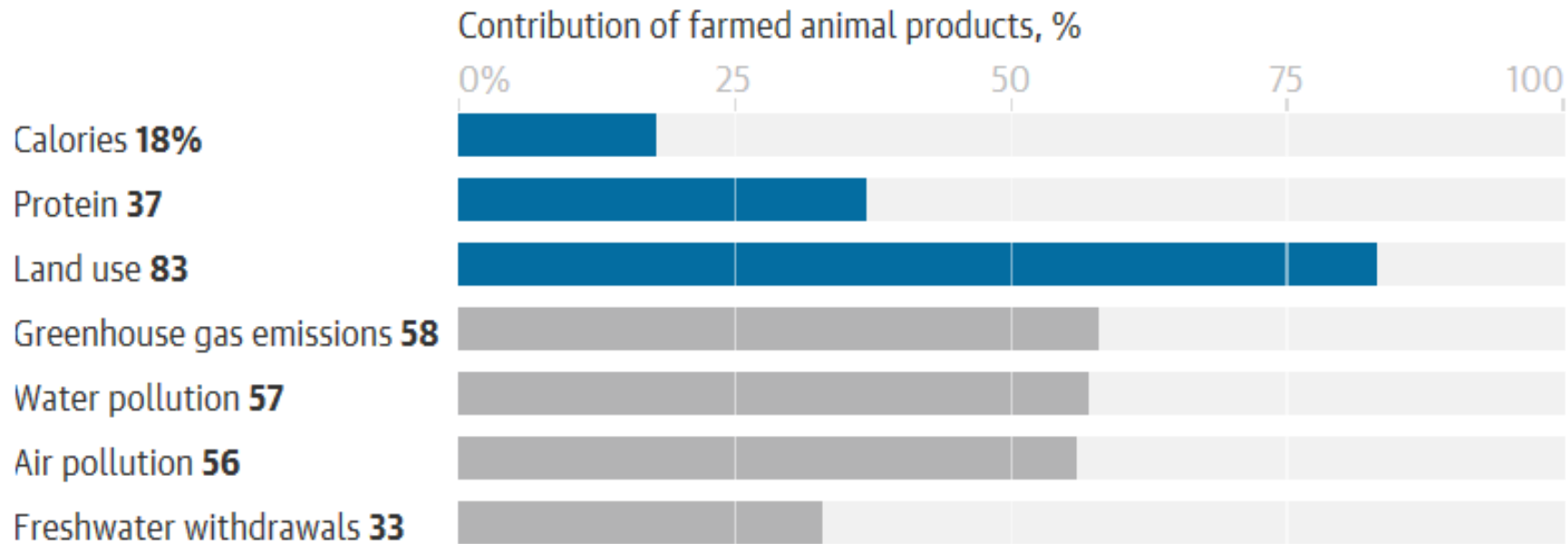
- ▶ **Planes**

Together!

Water need for food

For 1kg produced :

- Apples — 700 L
- Potatoes — 900 L
- Cereals Bread — 1300 L
- Soy beans — 1800 L
- Eggs — 3300 L
- Chicken — 3900 L
- Pork meat — 4800 L
- Cheese — 5000 L
- Ox meat — 15500 L

crop production ← → animal production

Source : Water Foot Print http://www.waterfootprint.org/?page=files/productgallery
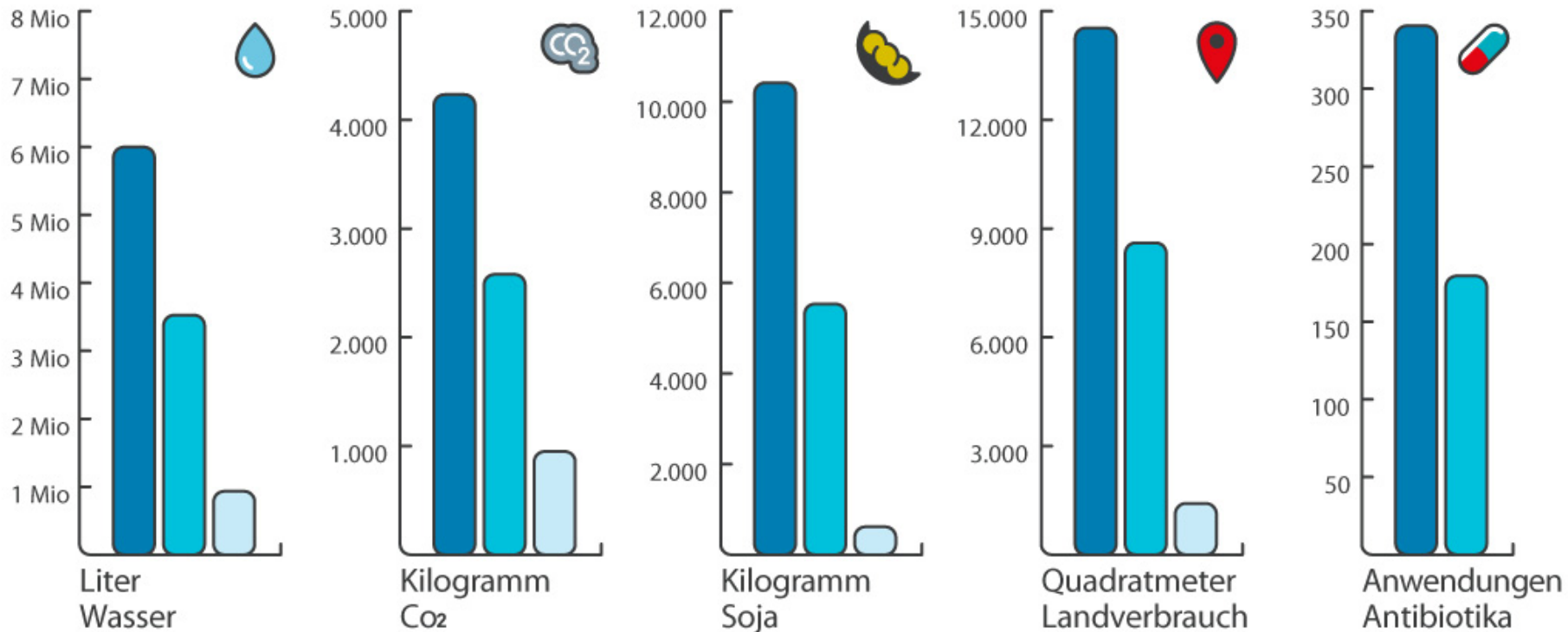
Diagram www.L214.com

Impact of consuming animal products

More than 80% of farmland is used for livestock but it produces just 18% of food calories and 37% of protein

Contribution of farmed animal products, %

	0%	25	50	75	100

Calories **18%**

Protein **37**

Land use **83**

Greenhouse gas emissions **58**

Water pollution **57**

Air pollution **56**

Freshwater withdrawals **33**

This is how we could help the environment by eating less meat

Impact of consuming animal products

The largest meat consumers

Million tonnes, 2011

Key: Mutton and goat meat · Beef · Poultry · Pork

80 · 60 · 40 · 20 · 0

Chi · EU27 · US · Bra · Rus · Mex · Jap · Viet · Ind · Arg

GUARDIAN GRAPHIC   SOURCE: FAOSTAT
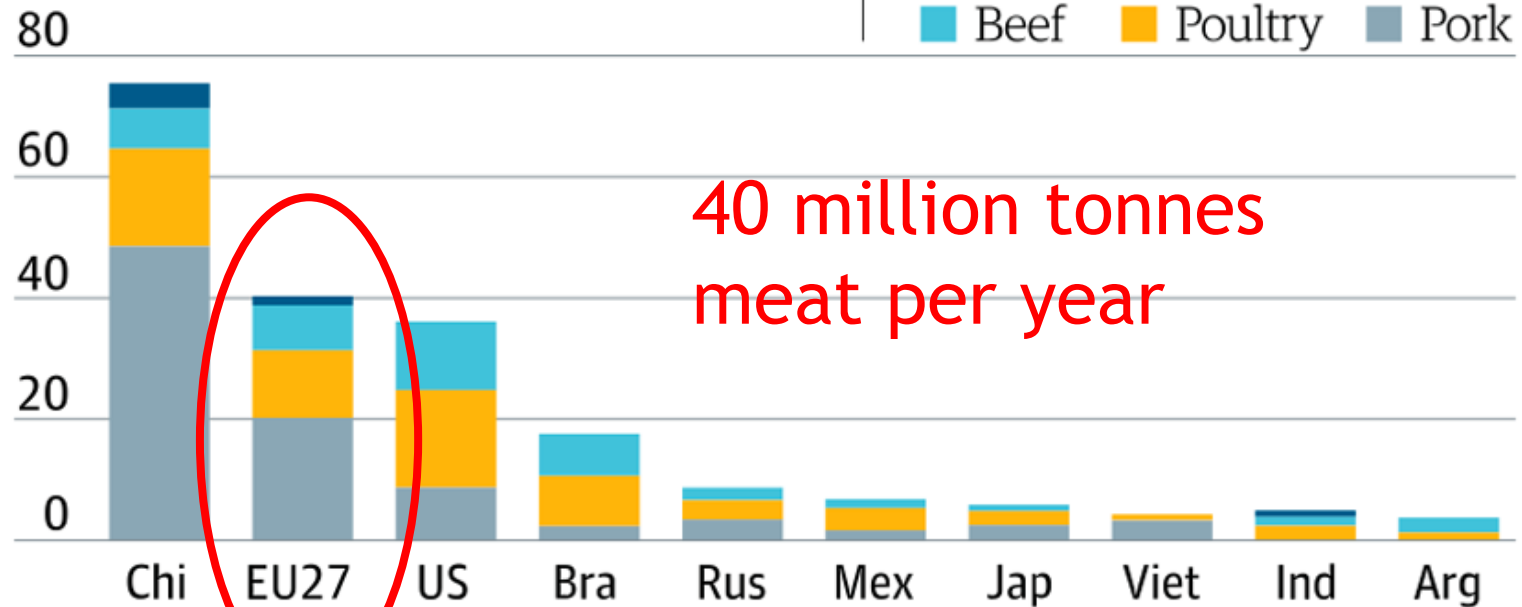
40 million tonnes meat per year

Some fun facts

Spain: Since 2011, number of vegetarian restaurants has doubled

People who eat less meat and eat more vegetables are healthier (less risk of heart attacks)

Germany: 10% vegetarian plus ca. 50% „Flexitarians" (part-time vegetarians)

Vegetarians live longer

:-)

Impact of consuming animal products

"A vegan diet is probably the single biggest way to reduce your impact on planet Earth,"

said Joseph Poore, University of Oxford, UK

"It is far bigger than cutting down on your flights or buying an electric car."

https://www.theguardian.com/environment/2018/may/31/avoiding-meat-and-dairy-is-single-biggest-way-to-reduce-your-impact-on-earth