## What is my cattle's carbon footprint? Meet Farmer Joe!

Farmer Joe has become increasingly concerned about the impact his cattle may be having on the environment. He has quite a lot of cattle on his farmland, but what is the carbon footprint of each one?


One cow $=300 \mathrm{~kg}$ of edible meat
1 kg of beef $=12.65 \mathrm{~kg}$ of $\mathrm{CO}_{2} \mathrm{e}$
If a small family car emits $87 \mathrm{~g} / \mathrm{km}$ of $\mathrm{CO}_{2} \mathrm{e}$, how many km (to the nearest km ) could be driven with the same carbon emissions as one cow?

Answer:

What greenhouse gasses might be included in the carbon footprint?

Where are they from?

