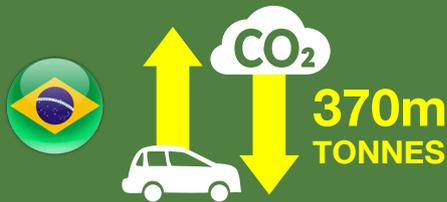


BRAZILIAN SUGARCANE ETHANOL IS HIGHLY SUSTAINABLE

Brazilian sugarcane ethanol has among the **best GHG emission savings** of all biofuels produced at scale: **over 70% fewer than petrol**

Even when ILUC¹ factors are included, Brazilian sugarcane ethanol is at least **55% cleaner than petrol**



Widespread deployment of sugarcane ethanol in Brazil in its flex-fuel fleet has cut more than **370m tonnes CO₂eq emissions** in just 13 years



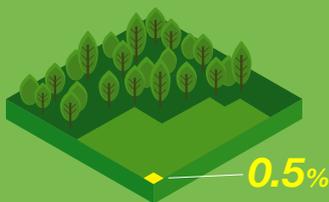
That is the equivalent of **carbon absorption over 20 years of 2.5bn trees** - a forested area 4 times the size of Luxembourg²

Brazilian sugarcane ethanol has a proven minimal role in the food-vs-fuel debate



In Brazil in the past 20 years **sugarcane production** has grown threefold and **grain production** has also increased threefold

Sugarcane production has no impact on virgin rainforests



Ethanol sugarcane is grown on just **0.5%** of Brazil's territory

There is more than enough room for sugarcane **cultivation to expand X9** without any impact

The two major areas of sugarcane production are at least **2,000km** from the Amazon Rainforest

That's the same as the distance from Bruges to the Black Sea



2,000km

SUGARCANE



Brazil is actively restoring 12m ha of **forestry** - an area x3 the size of Switzerland

¹ Indirect land use change (ILUC) is calculated based on the GLOBIOM model

² Based on 2500 trees per hectare