

GMOs, genetically engineered animals can help fight climate change

**The GLP aggregated and excerpted this blog/article to reflect the diversity of news, opinion and analysis.**

...[C]onversations surrounding climate often focus on [energy](#) production. Many fail to recognise that [agriculture, too, is a major driver of climate change](#).

[A third of all GHG emissions](#) come directly from [agriculture](#). . . .

This means that clean energy goals just don't address the whole problem.

... .

In 2013 alone, genetically engineered crops [reduced global carbon emissions](#) by an amount equivalent to removing 12.4 million cars from the road.

However, public misapprehension and the [policies](#) it engenders prevent other genetically engineered GHG solutions from taking off. Rice is one example. . .its cultivation contributes a staggering amount of methane. . .

The answer could lie in a genetically engineered, low-methane variety that just finished three years of field trials. . . .

The goal of reducing GHG emissions has helped inspire a new biotech sector . . . [Memphis Meats](#) has developed a way to produce meat in the lab. This method requires [90 per cent fewer greenhouse emissions](#) . . .

...[T]he [Real Vegan Cheese](#) project. . . aims to remove cows from cheese production by genetically modifying common baker's yeast so it produces dairy proteins.

**Read full, original post:** [Use biotech to beef up climate fight](#)