

The image features the Verbio logo in the top right corner, consisting of the word "Verbio" in a green, italicized sans-serif font, with the tagline "Biofuel and Technology" in a smaller, black, italicized sans-serif font below it. The background is a solid green color with a large, white, stylized graphic element on the left side that resembles a leaf or a flame. This graphic is composed of several curved shapes that create a sense of movement and organic form.

Verbio

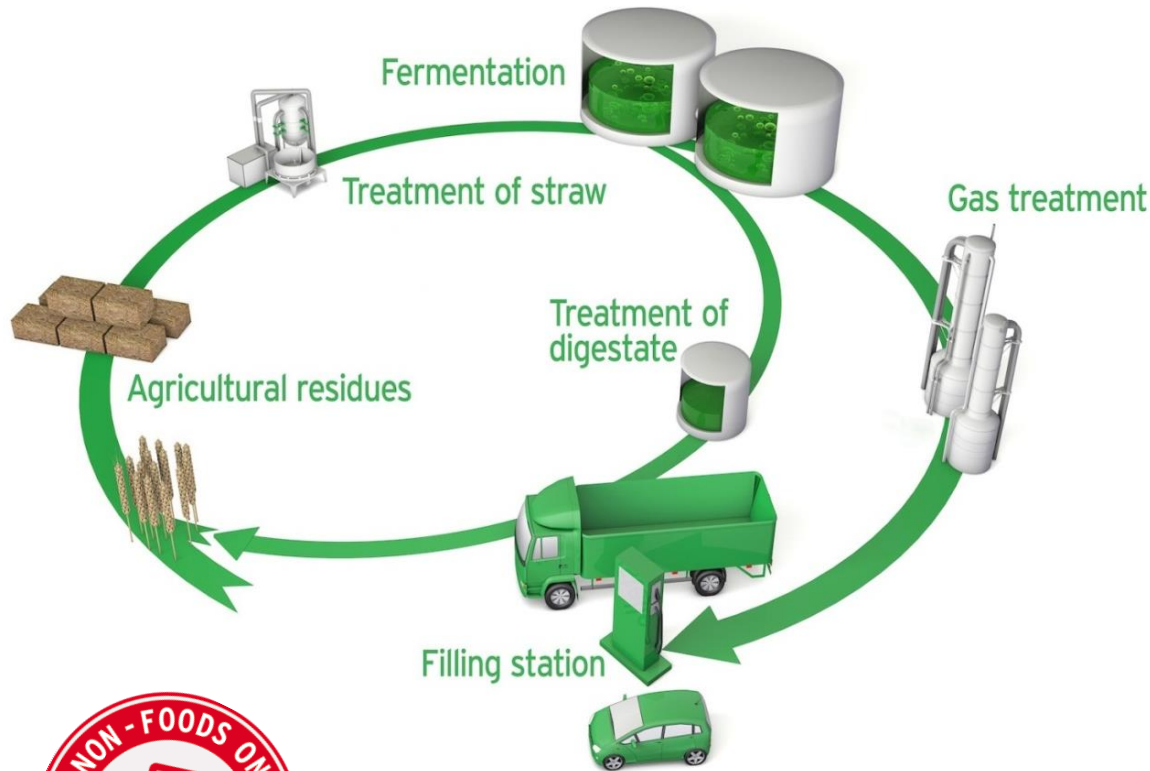
Biofuel and Technology

Gamechanger

BioCNG

BioLNG

First worldwide and large scale technology developed by VERBIO



Co-funded by the NER 300 programme of the European Union



1 year fuel from 4 bales of straw

VERBIO has a **leading market position** in bio-methane used as fuel

verbiogas

OHNE NÄHRUNGSMITTEL
90% CO₂-REDUKTION

f YouTube RSS

ODER TANKEN SIE NOCH VON GESTERN?

STROH IM TANK

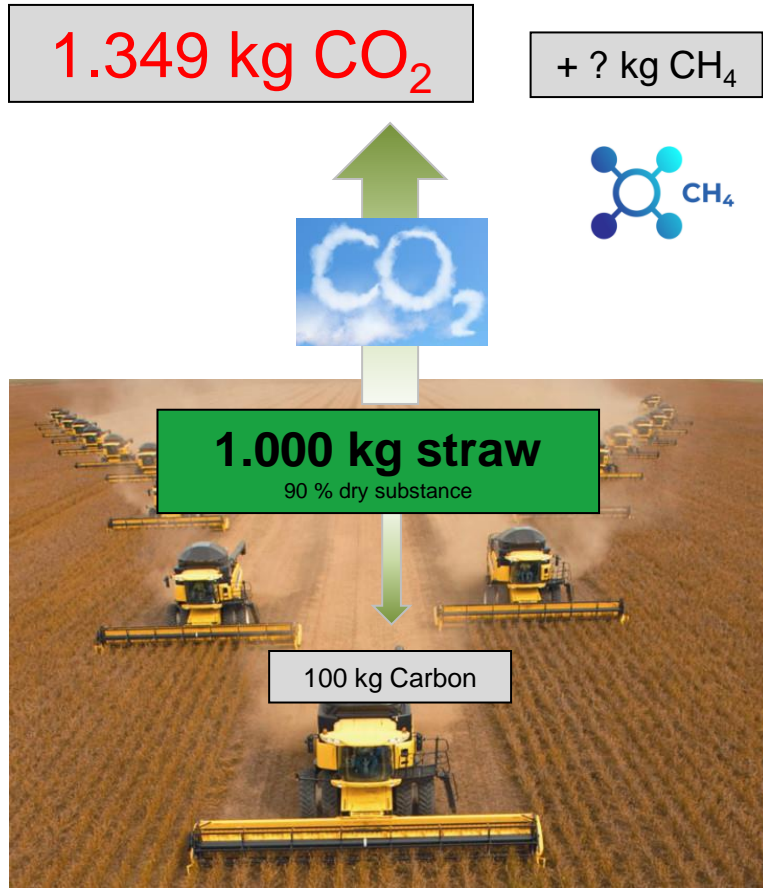
EIN GANZES JAHR LANG AUTO FAHREN.
MIT BIOMETHAN AUS 4 STROHBALLEN.

WELTWEIT EINZIGARTIG

currently at 124 petrol stations German-wide

90 % Market share in Germany

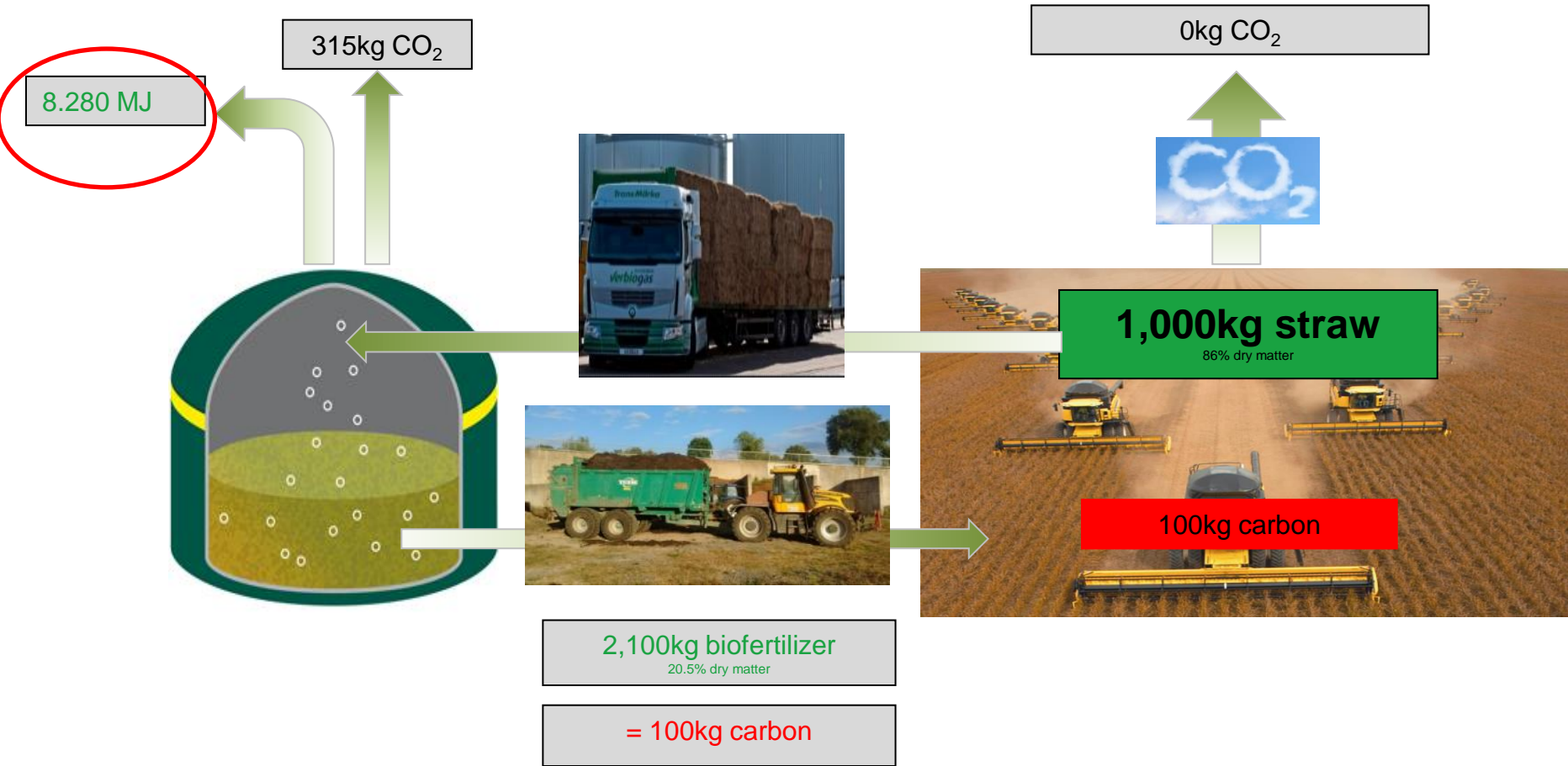
GASGEBEN!
verbiogas



CO₂ -reduction from straw with RNG

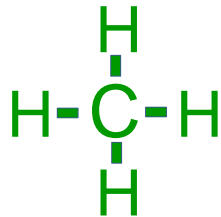
- 1.000 kg straw = 1.349 kg CO₂ + ? CH₄
- 1.000 kg straw = 2,3 MWh = 8.280 MJ
- 1.000 kg straw = 6 months fuel for a car
- 1.000 kg straw = 1.813 kg CO₂ savings

2.100 kg biofertilizer delivers 100 kg carbon to agriculture

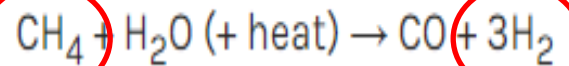


Hydrogen is made from CH₄

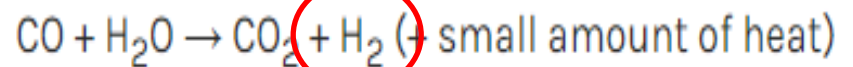
biomethane



Steam-methane reforming reaction



Water-gas shift reaction



New industrial applications are coming in the future for advanced CH₄



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Biofuel and Technology

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