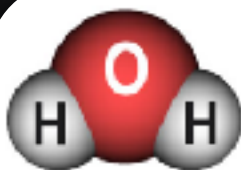
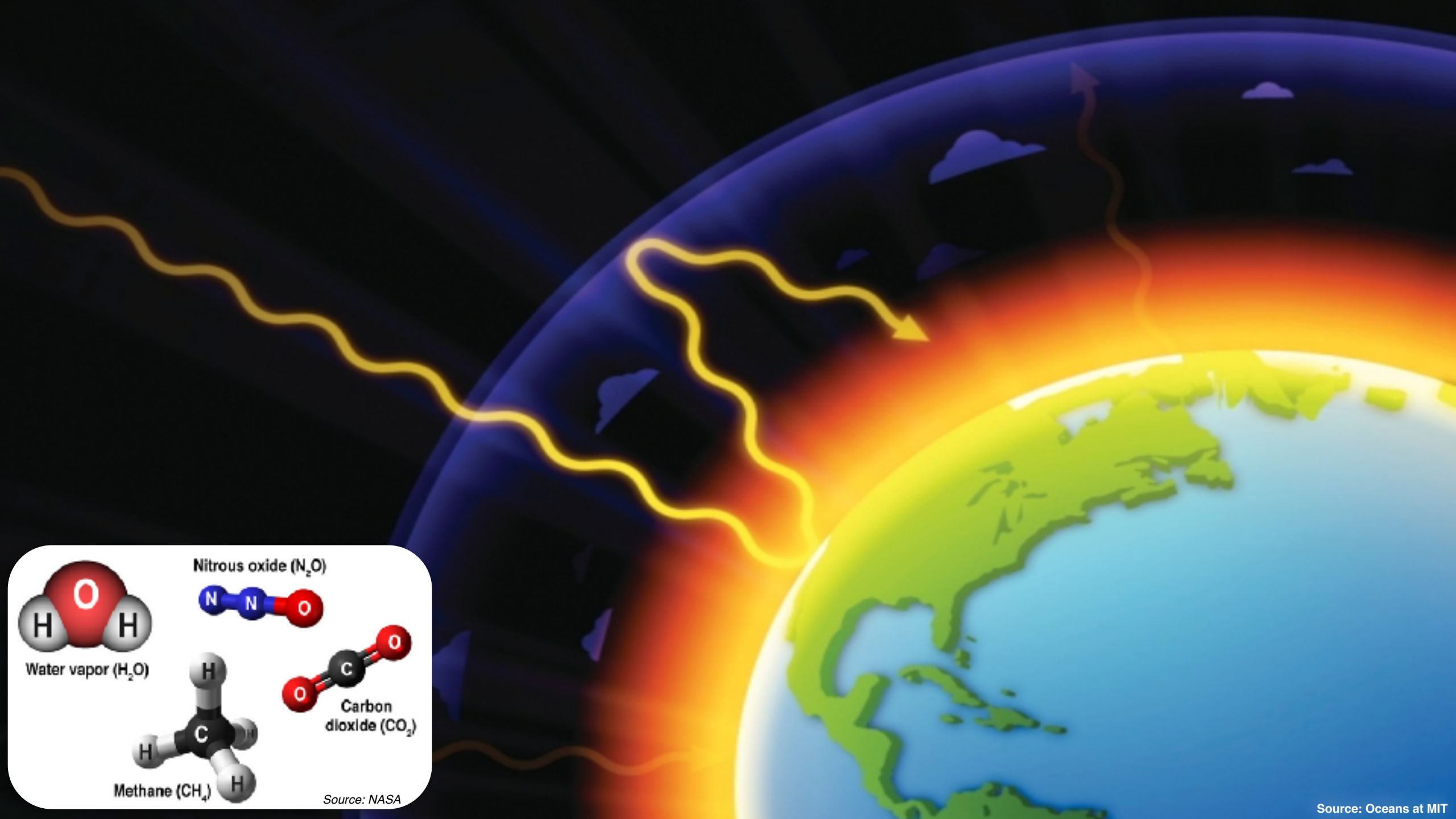
An aerial photograph of a rural landscape. A dirt road with visible tire tracks runs diagonally from the bottom left towards the top right. To the left of the road is a dense forest with green and brown foliage. To the right is a large, vibrant green field. In the upper right corner, there is a patch of golden-brown, harvested crops. A large, semi-transparent white circle is overlaid on the center of the image, containing text.

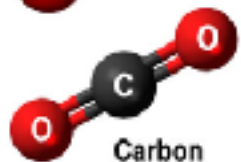
Carbon footprint and the journey to net zero emissions: why it's important and why now

Federico Agressi
Supply Chain Director
HEINEKEN Romania

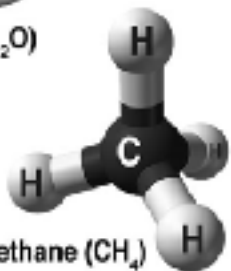


Water vapor (H_2O)

Nitrous oxide (N_2O)



Carbon dioxide (CO_2)



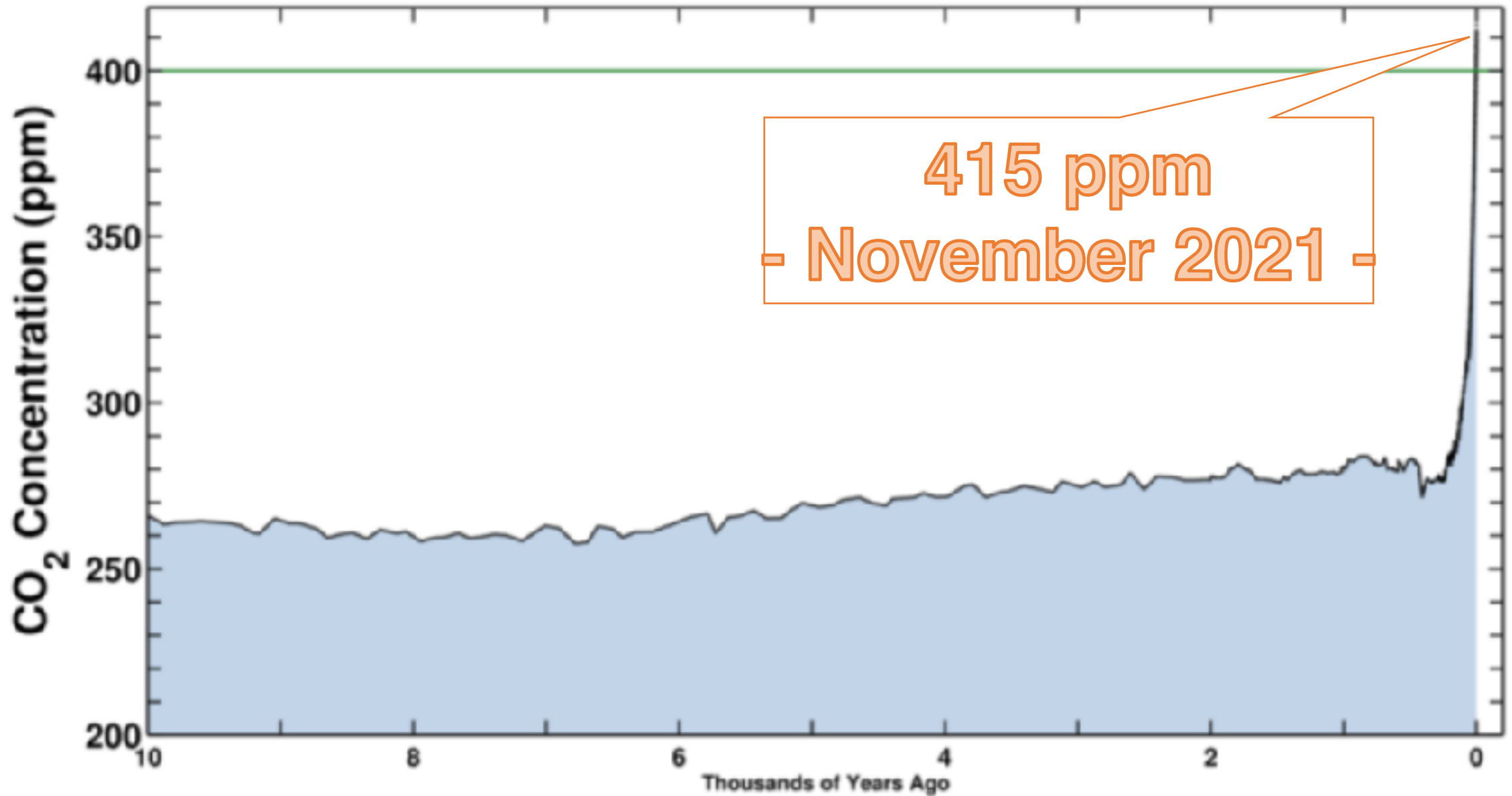
Methane (CH_4)

Source: NASA



**1.5
°C**

Evolution of CO₂ concentration in atmosphere





★ HEINEKEN

**BREW A
BETTER
WORLD**

RAISE THE BAR 2030

CARBON NEUTRAL • CIRCULARITY • HEALTHY WATERSHEDS

ENVIRONMENTAL

 **HEINEKEN**

BEER

Our strategy is all about the four Rs:



Reduce

The demand for energy with more efficient equipment and processes across our value chain.



Replace

Fossil fuels with cleaner, lower carbon and renewable energy.



Remove

Any residual carbon footprint with verified projects that offset CO2 emissions.



Report

On our progress regularly and measure it against industry standard benchmarks.

Our Carbon Footprint from barley to bar

Starting with our own operations, we are aiming for zero net carbon emissions in the whole Value Chain by 2040

● Scope 1+2 emissions ● Scope 3 emissions

Emissions
in the
value chain:

23% of emissions
● AGRICULTURE



5% of emissions
● PROCESSING RAW
INGREDIENTS



10% of emissions
● BREWING



29% of emissions
● PACKAGING



11% of emissions
● LOGISTICS



8% of emissions
● COOLING



14% of emissions
● OTHER



Emissions
by scope:



Own production of electricity & thermal energy [heat]
Procuring electricity & thermal energy from 3rd parties

SCOPE 1+2

10%

SCOPE 3

90%

Activities not directly owned or controlled by the reporting organisation, but indirectly impacted in value chain



Cheers!