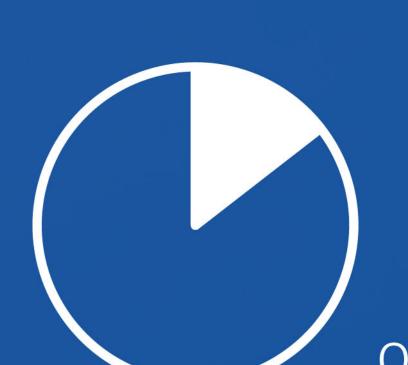
Reducing emissions from livestock



Animal farming accounts for

~14.5%

of all greenhouse gas emissions



INCREASE IN



animal-based ___ greenhouse food demand gas emissions







greenhouse gas emissions must reduce by

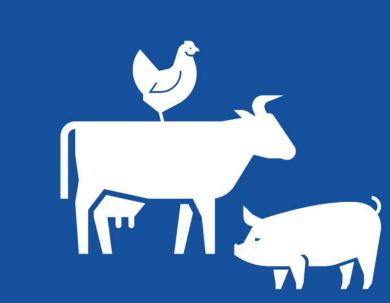


38 GIGATONS
to tackle rising global temperatures

Reduce methane, nitrogen and ammonia emissions at scale

from the animal farming industry





Create a low-emissions future for animal farming

OUR SOLUTION



A range of HIGHLY INNOVATIVE FEED ADDITIVES

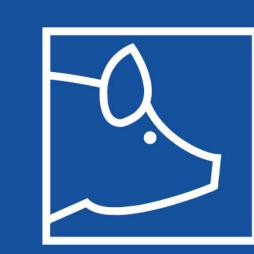












Our novel compound 3-NOP (Bovaer®)*



Our protease feed enzymes

of proteins



Our ultra-pure (99.9%) benzoic acid (VevoVitall®)

of the digesta

Regulates the acidity



Acts on cow gut microbes





Inhibits a key methyl enzyme in cow's stomach



Reduces methane

dairy cows by 30%

emissions from



Reduces undigested protein content in manure

Improves digestibility





Lowers urinary pH





Optimises nutritional value of proteins in





animal feed





Reduces protein needed in feed





Decreases nitrogen pollution from manure by 35%





Manure acidification helps control ammonia emissions by up to 20%

THE RESULT

Our science-led feed solutions help to produce

NUTRITIOUS, HIGH-QUALITY, SUSTAINABLE FOOD by reducing greenhouse gas emissions.

A real breath of fresh air for our future

If not us, who? If not now, when?

WE MAKE IT POSSIBLE

Find out how DSM can help transform animal nutrition and health sustainably at

www.dsm.com/wemakeitpossible



*Bovaer® is currently seeking market authorization and may not be available for commercialization in all jurisdictions

NUTRITION • HEALTH • SUSTAINABLE LIVING





