

# PATHWAYS TO DAIRY NET ZERO.



MEET DAIRY'S CLIMATE ACTION CHAMPIONS

## HOW DSM IS HELPING THE DAIRY SECTOR IMPROVE SUSTAINABILITY

**Using science-based interventions that improve efficiency, eliminate waste and reduce emissions at each step, from farm to finished dairy products, helps make the dairy industry more sustainable.**

Because most of dairy's environmental footprint occurs at farm level, providing an accurate assessment of the footprint of individual farms is the first step towards improving dairy sustainability as well as profitability.

Through practical, proven solutions DSM is helping the dairy sector manage GHGs, improve efficiency and reduce waste.

DSM aims to help the global dairy sector reduce GHGs by

# 20%

by 2030



**DSM's innovations demonstrate its commitment to help the dairy sector improve its environmental footprint:**

### **Individual farm footprint measurement**

Sustell™ offers an accurate and 3rd party-verified ISO assured approach to analyze farm-level data giving farmers access to sustainability insights specific to their farms. By simplifying the complexity of measuring, validating and improving their practices, producers are able to manage progress and improvements.

### **Direct methane reduction**

DSM has developed a highly innovative, ground-breaking feed additive, Bovaer® that is effective in reducing methane emissions from ruminants. Just a quarter teaspoon of Bovaer® per cow per day consistently reduces enteric methane emissions by approximately 30% for dairy cows, helping the dairy industry to achieve its GHG reduction targets and contribute to a more sustainable food system.

### **On-farm health and performance**

DSM provides a comprehensive set of nutritional and feed additive solutions that support animal growth, health and productivity—leading to more sustainable dairy production.

### **Processing and packaging**

DSM's dairy processing programs and packaging solutions also help enhance efficiency and reduce GHG emissions by improving yield and reducing the waste of milk, cheese and yogurts as well as prolonging product shelf-life.

**"REAL SUCCESS REQUIRES  
A COLLECTIVE EFFORT.  
WE ARE PARTNERING  
WITH DAIRY FIRMS AND  
FARMERS THROUGHOUT  
THE WORLD TO HELP THE  
INDUSTRY AND OUR  
CUSTOMERS BECOME  
MORE SUSTAINABLE  
AND PROFITABLE."**

David Nickell,  
Vice President Sustainability & Business  
Solutions at DSM Animal Nutrition & Health

