OPENING REMARKS

- A world of disruptions, changes and uncertainties.
- Pressure on livestock production to be more sustainable.
- Food insecurity on the rise.
GLOBAL KEY DRIVERS: POPULATION GROWTH, CLIMATE CHANGE

By 2050 >9 billion

Projected percentage in agricultural yields by 2050 given current agricultural practices and crop varieties

Percentage change in yield between present and 2050

THE INITIATIVE AND ITS PRINCIPLES

PATHWAYS TO DAIRY NET ZERO DECLARATION

Across every dairy community. Throughout every continent. The global dairy sector is taking action. Pathways to DairyNet Zero, the first climate initiative of its kind in the world, will accelerate dairy’s climate action by reducing the sector’s greenhouse gas (GHG) emissions over the next 30 years.

It is driven by the global dairy sector and supported by leading scientific and research organizations.

AS A SUPPORTER OF PATHWAYS TO DAIRY NET ZERO, WE RECOGNIZE THAT:
- Dairy helps create sustainable food systems, ensuring high-quality nutrition for all.
- There are opportunities for all to reduce greenhouse gas emissions because positive change is possible across all dairy systems and regions.
- As a short food supply chain, greenhouse gas reducing methane emissions from livestock can be part of a climate solution.
- Dairy already has the means in many regions to reduce a significant proportion of emissions by improving productivity and resource use-efficiency.
- Reducing emissions today will safeguard nutritious security, sustain a billion livelihoods for tomorrow and help secure a future for all.

WE SUPPORT PATHWAYS TO DAIRY NET ZERO BY:
1. Taking direct action on greenhouse gas mitigation and/or
2. Supporting and promoting its principles.

THE SIX PRINCIPLES OF PATHWAYS TO DAIRY NET ZERO ARE:
- Mitigation: Contributing to improve production and process efficiency to further reduce the GHG emissions intensity of milk and dairy products.
- GHG removals: Enhancing production practices that protect carbon sinks (e.g. forests, grass and prairies) and complement natural ecosystems.
- Avoidance and adaptation: Implementing practices such as land, water, fertilizer and energy management.
- Insets & offsets: Identify and implement alternatives, compare reduction options.
- Measurement and monitoring: Measuring greenhouse gas emissions to plan mitigation and monitor progress.
- Overall support: Promote the initiative and champion the dairy sector's climate ambition.

www.PathwaysToDairyNetZero.org
UPCOMING REVISED LCA METHODOLOGY

Purpose of the methodology

Applying this attributional methodology enables

- The dairy industry to accelerate its journey to reduce GHG emissions across the value chain.
- Basic comparison of the Carbon Footprint between products in the same product category.
- Reporting of GHG emissions from the farming, processing and (now also) retail, use and end of life stages of the value chain (corporate or product reporting).
- Identification of hotspots to prioritize for targeted mitigation actions.
- Monitoring of improvements over time to appreciate and demonstrate progress.
- Determination of the impact of different mitigation options.

IDF common approach to carbon foot printing in the dairy value chain using a lifecycle assessment approach
IDF METHODOLOGIES AND SUSTAINABLE PRACTICES

UPCOMING RELEASES

IDF Bulletin
Eco-friendly and energy-saving dairy technologies
MAY 2022

IDF Bulletin
Ecosystem services from the dairy sector
Autumn 2022

Campodoro biogas plant, Brazzale
GLOBAL KEY DRIVERS: DAIRY QUALITY AND SUSTAINABILITY

Food Safety & Quality

Sustainable farming, processing, distribution
THE SERIES EXPLORES CASE STUDIES OF SUSTAINABLE PRACTICES & INNOVATIONS ACROSS THE DAIRY SECTOR
GLOBAL KEY DRIVERS: PRODUCTIVE AND HEALTHY CATTLE

One Health

Animal Health and Welfare

One Health

Animal Disease

Human Disease

Environment
RECENT PUBLICATIONS

Guidance on application of EC JRC Certified Reference Material for somatic cell counting in milk

Inventory, evaluation and perspectives on methods for determination of somatic cell count

Guidelines for defining quarter and udder health status and cured clinical and subclinical mastitis cases
ANNUAL REPORT 2020 – 2021

- Provides an overall picture of the performance of the Federation
- Showcases IDF’s outstanding scientific and technical work as well as in the areas of representation, advocacy and communications
- Available for download on IDF website www.fil-idf.org
IDF DAIRY INNOVATION AWARDS BUILT-IN SUSTAINABILITY AND UN SDGS
IDF-WDS 2022
NEW DELHI, INDIA

• Theme: Dairy for Nutrition & Livelihood
• Dates: 8 – 16 September 2022
  ✓ BUSINESS MEETINGS: 9-11 SEPTEMBER 2022
  ✓ WDS CONFERENCE: 12-15 SEPTEMBER 2022
  ✓ SOCIAL & TECHNICAL TOURS: 15-16 SEPTEMBER 2022
• Venue: India Expo Center, Greater Noida
  National Capital Region (NCR), New Delhi
• Tours
  • Social: New Delhi, Agra & Jaipur
  • Technical
    • Visit to a typical Indian dairy farm
    • State-of-the-art dairy plant
    • Visit to Anand, Gujarat- The Milk Capital of India
2023

- 20\textsuperscript{th} anniversary of collaboration ISO-IDF
- 60\textsuperscript{th} anniversary of collaboration Codex-IDF
- 120\textsuperscript{th} anniversary of IDF

IDF World Dairy Summit 2023 in Chicago!
HAPPY WORLD MILK DAY!