

Energy Efficiency in the Dairy Sector

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EDA members



CONNECT
TO THE
WORLD
OF DAIRY

- Association of national dairy industry associations of **21 EU Member States**
- **Cooperative** and **private** milk processors

More than **12,000** production sites across Europe



More than **300,000** direct jobs on milk processing sites



World dairy leaders
5 of the top 10 global dairy companies are European



More than **45,000 jobs** in dairies are directly linked to export



The Power of EU Dairy

Positive EU trade balance
The European milk processing industry brings more than **10 billion €** to the overall EU trade balance



Balanced & Successful
coexistence of cooperative model and private ownership
Around **50%** of milk collected in Europe by coops



Partnering
around **700,000** dairy farms across Europe



A rich and tasty cultural heritage
of more than **300** registered cheeses and dairy products



Our engagement on SDGs (UN Sustainable Development Goals)

17 Partnership for the goals

- The dairy sector stakeholders have come together under the Global Dairy Agenda for Action (GDAA) and created the Dairy Sustainability Framework, a roadmap towards greater sustainability in the sector
- Close cooperation with the EU in its sustainability efforts

15 Life on Land

- Efficient grazing management can contribute to grassland restoration, carbon sequestration in soils and can reduce deforestation through agroforestry
- Ruminant grazing can turn unusable peripheral land into high quality protein for human consumption

13 Climate Action

- The dairy sector is a significant contributor to global Greenhouse gases emissions (2.7%)
- Roughly 2.4kg carbon dioxide-eq./kg liquid milk, however only 1.5kg for European milk
- European dairy producers have been at the forefront of developing and implementing more environmentally friendly practices.

12 Responsible consumption & production

- Wastes and losses along the dairy production chain are still relatively high (of 1l milk, 100ml – 250ml is wasted, depending on the region)
- The European dairy sector is has been a major stakeholder in food waste reduction initiatives

10 Reduced inequalities

- Dairy production is a source of income, creates employment opportunities and provides market participation

9 Industry, Innovation & Infrastructure

- The entire dairy value chain, from production, processing and retail, provide valuable inputs
- There is an increasing amount of innovation in the sector

1 No poverty

- Many rural areas rely on dairy production and processing for their income

2 Zero Hunger

- Dairy products are high in energy, provide high value protein and other essential nutrients
- Animal by-products can be used as fertilizers for crop production
- Production provides incomes that can ensure food security

3 Good Health & well-being

- Dairy products provide essential nutrients, especially for adolescents, pregnant women and the elderly
- European dairy sector also ensures the good health and well-being of its animals

4 Quality Education

- A healthy diet, of which dairy is key, is vital for a persons learning capacities
- Dairy production provides incomes that can support education

6 Clean water & sanitation

- Dairy livestock can contribute to the protection of water quality through grazing

7 Affordable & clean energy

- Dairy production can provide an alternative to fossil fuels, such as the recycling of manure

8 Decent work & economic growth

- The dairy sector contributes €10 Billion annually to the EU trade balance
- With demand set to increase by 60% it is a growing sector.



The Dairy PEF (Product Environmental Footprint) project and product policies

Product Environmental Footprint Category Rules for Dairy Products

The central graphic is a green footprint with a leaf design inside, symbolizing environmental friendliness. It is surrounded by logos of various organizations and institutions, including:

- eda (European Dairy Association)
- Cniel
- dmk
- bel
- DANONE
- SEVRE BELLE
- FrieslandCampina
- Quantis
- Fonterra
- REWE GROUP
- ADENE
- Agence de l'Environnement de la Région de Florence
- FIL IDF
- INSTITUT DE L'ELEVAGE
- ACTALIA
- THE ALLIANCE FOR BEVERAGE CARTONS AND THE ENVIRONMENT
- FEVE (The European Condensed Milk Producers)
- Constantia FlexBios

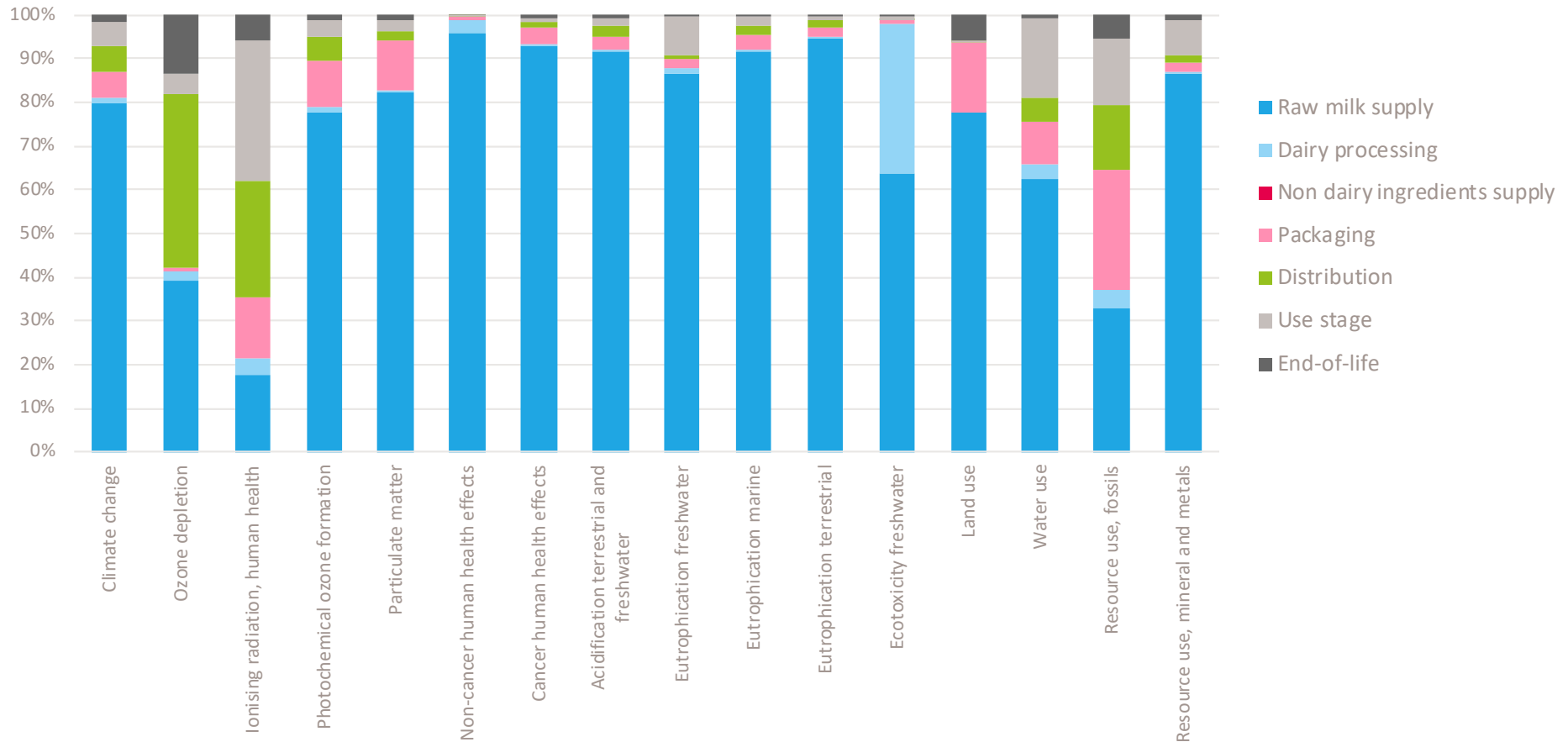


e world of dairy

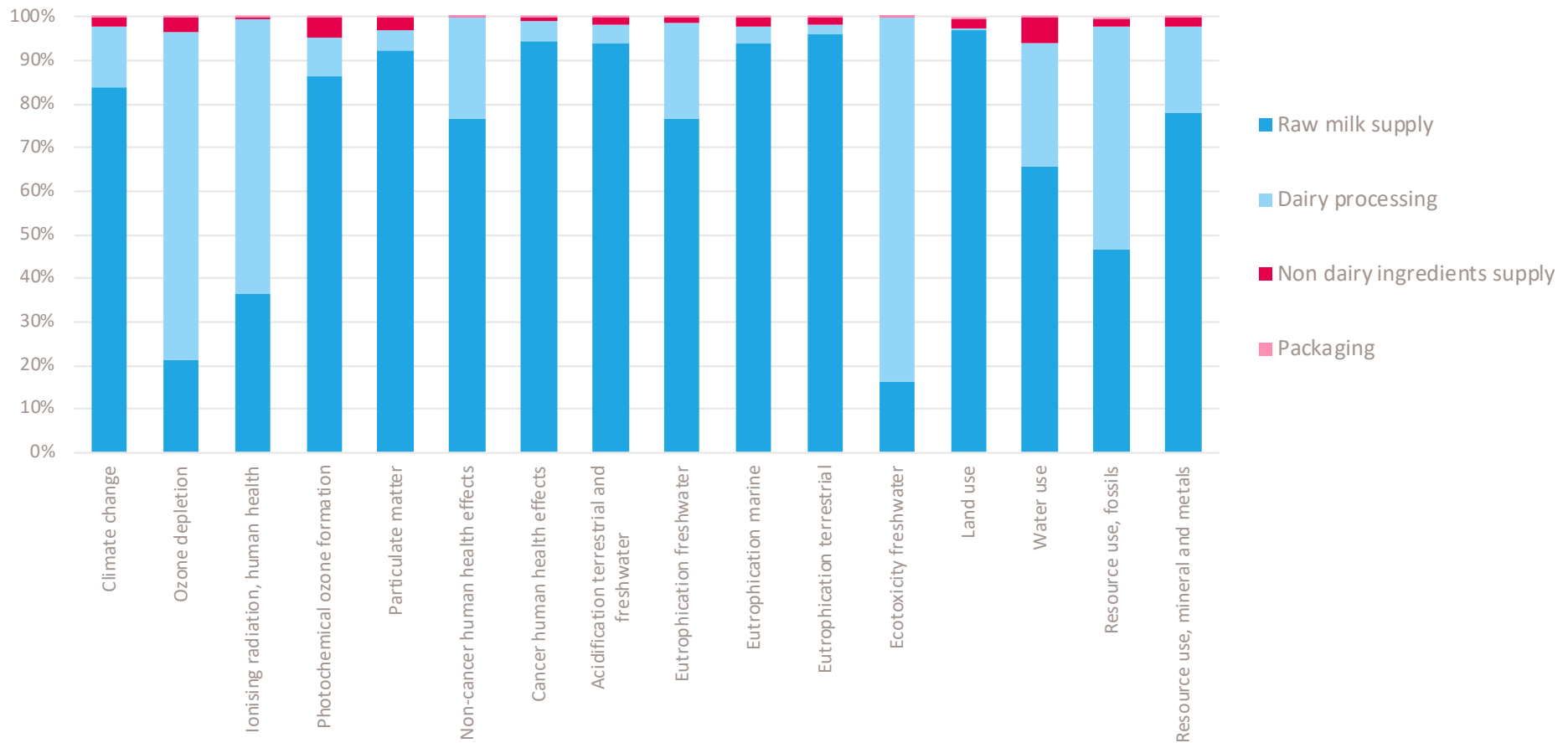
The Dairy PEF (Product Environmental Footprint)

- ➔ rules are now the **reference methodology for the dairy sector**
- ➔ Guidelines published on the EDA and **COM websites**
- ➔ **Policy integration** planned into Ecolabel or voluntary mandatory claim framework
- ➔ Legal proposal in next Commission

PEF Profile – Liquid milk



PEF Profile – Dried whey product





Best Available Techniques (BAT) Reference Document in the Food, Drink and Milk Industries

PROGRESS



connect to the world of dairy

“Milk and dairy products are a vital source of nutrition”

