

Unlock the POWER OF DAIRY for people and the planet!

Reykjavik, Iceland, 20 - 22 May 2025

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Nordic Dairy Congress 2022

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TO THE 46th NORDIC DAIRY CONGRESS
- Unlock the POWER OF DAIRY
for people and the planet!

Auðunn Hermannsson President of Nordic Dairy Council



I am delighted to welcome you to Iceland for the 46th Nordic Dairy Congress in May 2025. We are confident that we can offer you an engaging and insightful programme under the theme "Unlock the POWER OF DAIRY for people and the planet." The Power of Dairy is a multifaceted concept, and this congress will help us all to understand it better.

In Reykjavik, we will bring together prominent speakers from around the world to explore this theme from various perspectives, including technology, sustainability, nutrition, and consumer behaviour.

The programme is designed with an international approach, ensuring a global outreach, and will be conducted entirely in English. Our sponsors play a crucial role in making this event possible, providing both financial support and valuable expertise in their respective fields. Just like the lectures, the sponsor booths will be an important source of knowledge.

The conference will be held at the Hotel Hilton Reykjavik Nordica, an ideal venue for an event of this nature. You will have the opportunity to participate in optional sightseeing tours, such as the Golden Circle and Skyrland, as well as evening events for networking and reconnecting with fellow dairy enthusiasts.

Let's unlock the power of dairy together at the Nordic Dairy Congress in Iceland!

20 - 22 May 2025 in Reykjavik

Gold sponsor



Engineering for a better world.

Press partners











Danish Dairy & Food Industry

W#rldwide

Nordic Dairy Technology Council





Auðunn Hermannsson President of NDTC Tæknifélag Mjólkur lðnaðarins Ireland



Kari Toikkanen Meijeritieteellinen Seura ry Finland



Markku Salomaa Meijerialan Ammattilaiset MVL ry Finland



Maria Glantz Mejeritekniskt Forum Sweden



Bente Reklev Norsk Meieriteknisk Forening Norway



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Björn S. Gunnarsson *Tæknifélag Mjólkur Iðnaðarins* Iceland



Dagmar Pedersen Dansk Mejeriingeniør Forening Denmark



Søren Jensen Foreningen af mejeriledere og funktionærer Denmark



Niels Osterland Danmarks Mejeritekniske Selskab Denmark



Marian Pusey Society of Dairy Technology United Kingdom



Anne-Sofi Christiansen Head of Secretariat Nordic Dairy Congress Denmark

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www.nordicdairycongress.com

Programme Committee





Maria Glantz Associate Professor Lund University



Grith Mortensen Chief Consultant Danish Dairy Research Foundation



Henrik Jørgen Andersen Senior Executive R&D Advisor Arla Foods Amba



Anna Flysjö Life Cycle Sustainability Manager Arla Foods Amba



Bryndis Eva Birgisdottir *Professor* University of Iceland



Maria Gudjonsdottir Professor and Dean of the Faculty of Food Science and Nutrition University of Iceland



Björn S. Gunnarsson *Director R&D* MS Iceland Dairies



Cecilie Marvig
Department Manager
Novonesis



Lars Tømmerholt Production Manager Thise Dairy



Karin Hallin Saedén Cheese Master Norrmejerier



Lis Korsbjerg Coordinator Nordic Dairy Congress



Anne-Sofi Christiansen *Head of Secretariat*Nordic Dairy Congress



At Kersia, sustainability isn't just a trend—it's a necessity.

Kersia connects environmental respect, food safety, and profitability to create a truly positive impact.

Our approach? A clear sustainability strategy that drives real change:

- Deliver resource-savings solutions by optimizing water, chemicals and energy use
- Leveraging sustainable technologies to develop innovative solutions
- Offering daily support to guide our partners in meeting challenges

Safeguarding food and the planet go hand in hand. Let's collaborate for our future.

Contact your local Kersia representatives to discuss our optimized solutions! contact@kersia-group.com www.kersia-group.com

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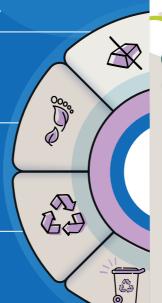
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Välkommen, velkommen, welcome, tervetullut, velkomið, velkommen





Maria Glantz & Grith Mortensen
Lund University & Danish Dairy Research
Foundation

Velkominn til Íslands

We are on fire – ready to welcome you to Iceland – the place to be on 20-22 May 2025 for the 46th Nordic Dairy Congress.

The theme of the congress is "Unlock the POWER OF DAIRY for people and the planet". With this title, we want to emphasize the many possibilities that dairy provides for both people and the planet. For too long, the focus has been on what dairy does NOT deliver, environmental concerns, etc. We do recognize the challenges and areas where dairy production can continue to improve but want to showcase where dairy can make a positive impact. We also want to convey best industry practices when it comes to sustaining the "right to play" as a dairy company or supplier to the industry. Finally, it is our ambition that the congress leaves plenty of opportunities for transfer of knowledge and knowhow between the industry and academia.

We have invited prominent speakers from the Nordic countries and from around the world. And as a new feature at this congress, we are introducing young researcher presentations to give you a flavour of brand-new results from the research labs – presented by the dairy leaders of tomorrow.

The parallel sessions will highlight technology and nutrition with focus on four topics:

- Nutrition throughout life
- Towards zero product waste
- Dairy's contribution to future diets
- Sustainable process technologies

As always, the programme includes exciting panel discussions and opportunities for the sponsors to showcase their business, as well as an enjoyable social program that allows time to network with old and new friends. We hope to see you in Reykjavik for the 46th Nordic Dairy Congress!

On behalf of the Programme Committee, Maria Glantz and Grith Mortensen



Biosolutions – for healthy people and a healthy planet

Biosolutions let you produce more with less. They help solve today's and tomorrow's problems - enabling healthier lifestyles, tackling climate change and repairing broken food systems.

Join us at the Nordic Dairy Congress in Reykjavik, learn how our experience can secure your success and shape a sustainable future. Let's make a difference together.

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Programme

Tuesday, 20 May 2025

Afternoon

Healthy and sustainable diets: Political strategies for Consumers health concerns around the globe implementation in the Nordic dairy sector How much dairy and meat should we eat? Dairy as part of a sustainable future Wednesday, 21 May 2025 Morning

Milk polar lipids: Towards joint Nutrition throughout life dairy and supplements and probiotics, prebiotics, and A gut perspective on GEA - Dairy beyond the ordinary Gold sponsor event

milk fat globule membrane Effects of intact and disrupted on postprandial me<u>tabolic</u> intestinal health and gut Get-together, sponsored by Tetra Pak

Thursday, 22 May 2025

Plenary session

Broad perspective on dairy and nutrition Elevate the nutrition game in dairy Short break

The Dairy Industry in Iceland

Break

Plenary session

Plenary session

pumps in the dairy industry with integration of heat **Sustainable process** technologies Parallel sessions The dairy matrix and its role Dairy's contribution to in future diets future diets

Advancing towards optimized Cleaning of membranes: strategies through fouling Path to net-zero by 2024: Protein quality in relation to a Dairy nutrition value as part sustainable diet sustainable diet

The impact of dairy products on the healthy lifespan of people living in Denmark

Towards zero product waste

Parallel sessions

posters

Lunch and open space: visit sponsors' booths Lunch and open space: - visit sponsors' booths posters

products - challenges and

Ambient stable dairy

Unlock the POWER OF DAIRY for people and the planet Plenary session

driving food waste reduction

all the "whey"

examples from Arla Foods From waste to value -

effects on lipid meta<u>bolism</u>

Break

A panel of business profiles from each area; processing, insights on this topi

Panel debate

visit sponsors' booths

- posters

Open space:



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Programme

Tuesday, 20 May

08:00 - 14:00

Three optional activities to choose between

1. Golf tournament at Keilir Golf Course

Golf Club: english.keilir.is/

Price includes:

- Bus transfers (from hotel/city in the morning and back again to the hotel)
- · Green fee and lunch Total per person EUR 175

2. Dairy visit MS Dairy Selfoss and Skyrland

Price includes transfer, entrance Sellfoss and Skyrland, and lunch Total per person EUR 65

3. Golden Circle Tour

Price includes transfer, guide, and lunch Total per person EUR 100

14:00 - 15:30

Gold sponsor event **GEA - Dairy beyond the ordinary**

Join us for our welcoming session, where GEA will proudly kick off the Nordic Dairy Congress 2025 as the Gold Sponsor. Whether you're here to network with like-minded professionals, exchange ideas, or simply relax with a drink and a bite to eat, this gathering promises to set the tone for the congress! This exciting event will also feature an interactive, informal session designed to provide insights into the latest advancements in the dairy industry. We look forward to seeing you there!

Presentation

Morten Holm Christensen, Application Manager — Biotechnology, GEA Liquid Technologies, Denmark

15:45 - 17:15

Silver stage

Our silver sponsors will highlight why you should visit their sponsor booth during the conference.

17:30 - 19:00

Get-together, sponsored by Tetra Pak

Tetra Pak is delighted to invite you to an informal get-together. Join us for a late afternoon of drinks, snacks, and great conversation as we kick off the dairy congress in style! This relaxed networking event offers the perfect opportunity to connect with fellow participants, whether familiar faces or new acquaintances. Together, let's discuss industry trends, share insights, and build connections in a welcoming atmosphere. Start the congress on the right note. We look forward to seeing you there!



Programme

Wednesday, 21 May

09:00 - 10:00

Welcome

The Dairy Industry in Iceland

10:00 - 10:30

Break

10:30 - 12:30

Plenary session
Dairy as part of a sustainable future

Keynote:

Healthy and sustainable diets: Political strategies for implementation in the Nordic dairy sector

Helle Margrete Meltzer, Former Research Director, Norwegian Institute of Public Health, Norway

Keynote:

How dairy can address climate change while feeding a growing population

Donald Moore, Executive Director, Global Dairy Platform, United States of America

Keynote:

Consumers health concerns around the globe

Elisabetta Nisoli, Director, Business Development Fresh Dairy & Alternatives, dsm-firmenich, Italy

Keynote:

How much dairy and meat should we eat?

Alice Stanton, Professor of Cardiovascular Therapeutics, RCSI University of Medicine and Health Sciences, Dublin, Ireland

Panel debate

4x3 min pitches by young researchers



This is your invitation for innovation



Whether you're crafting the finest cheese, the smoothest yogurt, delicious (lactose-free) milk, or healthy plant-based dairy, you can count on dsm-firmenich. We bring an extensive family of dairy ingredient solutions to the table, but we also bring a whole lot more: from analysis and concept development to guidance on ingredient use. It's all steeped in a deep industry heritage and scientific capability that enables us to look ahead at new ways of making the taste, texture and health of your dairy even better. This is your invitation for innovation.



Visit our website

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18:00 - 23:00

Programme Wednesday, 21 May

12:30 - 14:00 Lunch and open space Visit sponsors' booths

14:00 - 16:30 Parallel sessions
1a: Nutrition throughout life
For more details, see page 24

1b: Towards zero product waste For more details, see page 26

16:30 - 17:30 Open Space Visit sponsors' booths

Dinner at Ingólfsskáli Viking Restaurant



INNOVATIVE ANALYTICAL & AUTOMATION SOLUTIONS FOR THE DAIRY INDUSTRY



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Programme

Thursday, 22 May

09:00 - 10:00 Good morning and welcome

Plenary session

Elevate the nutrition game in dairy

Keynote:

The nutritional value of dairy in future sustainable diets

Merete Myrup, Director, Danish Agriculture and Food Council, Denmark

10:00 - 10:30 Break

10:30 - 12:30 Parallel sessions

2a: Dairy's contribution to future diets

For more details, see page 28

2b: Sustainable process technologies

For more details, see page 29

12:30 - 14:00 Lunch and open space

Visit sponsors' booths

14:00 - 15:00 Plenary session

Unlock the POWER OF DAIRY for people and the planet

Panel debate

The participants in the panel encompass a diverse group of experts who will share their insights on how dairy can contribute to both human health and environmental sustainability.

15:00 - 15:30 Closure

16:30 - 22:00 Trip to the volcano area - Dinner at Hljórmahöllin







ICELAND'S SECRET TO HEALTHY LIVING

An award-winning dairy product



Parallel session 1a: Nutrition throughout life

Wednesday, 21 May

14:00 - 15:00

Presentations

A gut perspective on probiotics, prebiotics, and postbiotics Henrik Roager, Associate Professor, University of Copenhagen, Denmark

Calcium consumption from dairy and supplements and various health

Johanne Torfadottir, Project Manager for nutrition, Assistant Professor, Directorate of Health, University of Iceland

15:00 - 15:30

Break

15:30 - 16:30

Milk polar lipids: Towards joint effects on lipid metabolism, intestinal health and gut microbiota

Marie-Caroline Michalski, Research Director, INRAE, Lyon, France

Effects of intact and disrupted milk fat globule membrane on postprandial metabolic response

Esben Søndergaard, Associate Professor, Steno Diabetes Center Aarhus, Denmark



- Wow effect in the chiller cabinet
- Ideal for colorful concepts for millennials, Gen Z & individual trends
- Remain crunchy & stable when stirred in
- Unique texture difference & visual highlight in dairy products
- World market leader & inventor of stable chocolate splits
- Application expertise for creative & successful indulgence concepts

NEW!

Parallel session 1b: Towards zero product waste Wednesday, 21 May

14:00 - 15:00

Presentations

Fresher for longer with bioprotective cultures: Biosolutions to tackle food waste in dairy

Florian Sanchez, Business Unit Director, Dairy Bioprotection, Novonesis, Denmark

Ambient stable dairy products – challenges and opportunities Michael John Lewis, Dr., Dairy Solutions, United Kingdom

15:00 - 15:30

Break

15:30 - 16:30

From waste to value – examples from Arla Foods Ingredients' journey towards driving food waste reduction all the "whey"
Levinia Scotti, Sustainability Programme Manager, Arla Foods
Ingredients P/S, Denmark

No deposits. Our path to zero food waste

Johanne Kjuus, Head of Sustainability, TINE Group, Norway



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Parallel session 2a: Dairy's contribution to future diets Thursday, 22 May

10:30 - 12:30

Presentations

The dairy matrix and its role in future diets

Martina Rooney, Research Programme and Grants Manager, Co-Centre for Sustainable Food Systems, University College Dublin, Ireland

Dairy nutrition value as part of LCA calculations and sustainable diet

Merja Saarinen, Research Manager, Senior Scientist, Natural Resources Institute, Finland

Protein quality in relation to a sustainable diet

Thom Huppertz, Professor, University College Cork/ FrieslandCampina, The Netherlands

The impact of dairy products on the healthy lifespan of people living in Denmark

Lea Sletting Jakobsen, Senior Researcher, Food Science Institute, Technical University of Denmark

Parallel session 2b: Sustainable process technologies Thursday, 22 May

10:30 - 12:30

Presentations

Experiences from a decade with integration of heat pumps in the dairy industry

Fridolin Müller Holm, Partner, Head of Industry, Viegand Maagøe A/S, Denmark

Cleaning of membranes: Advancing towards optimized strategies through fouling insights

Freja Mardal, Research Scientist, Arla Foods Ingredients P/S, Denmark

Path to net-zero by 2040: Decarbonizing the dairy industry

Carsten Juhl Jessen, Senior Director, Dairy Food & Ingredients, GEA Process Engineering A/S, Denmark

Value in water from other industries

Hildur Inga Sveinsdóttir, Project Manager and Assistant Professor, University of Iceland

Practical information

Registration

For registration, please visit: http://nordicdairycongress.com Early bird registration with reduced price: <u>Deadline: 20 February 2025</u> Ordinary registration: <u>Deadline: 5 May 2025</u>

EUR 845 (1,047.8 incl. 24 % Icelandic VAT) EUR 995 (1,233.8 incl. 24 % Icelandic VAT)

Included

- Full participation in the conference, lunch, and coffee on Wednesday and Thursday
- Afternoon programme, Tuesday
- Dinner, Wednesday

Transport

Shuttle bus from the airport to the conference site every 15 minutes. See more on www.icelandia.com

Optional

- Unofficial Golf tournament, Tuesday* price EUR 175
- Sightseeing Golden Circle*- price EUR 100
- Dairy visit MS Dairy Selfoss and Skyrland* price EUR 65
- Trip to the volcano area and dinner Thursday*- price EUR 180

Conference site

The Congress will take place at Hilton Reykjavik Nordica.

Currency

Icelandic kroner (ISK): EUR 1 = ISK 144.77 (January 2025) Common credit cards are accepted most places.

Conference site & recomended hotels

	Distance to Hilton	Price single room 3 nights (Monday - Thursday)	Price single room 2 nights (Tuesday - Thursday)	Price single room 1 night (Wednesday - Thursday)
Hilton Reykjavik Nordica** Suðurlandsbraut 2 108 Reykjavík	0 m	EUR 849	EUR 566	EUR 283
Reykjavik Natura Berjaya Iceland Hotel** Nautholsvegur 52 101 Reykjavik	3.5 km	EUR 726	EUR 484	EUR 242

^{**}The above prices may fluctuate due to variation in the rate of exchange.

^{*}Requires a minimum of participants, and the prices include VAT

Student sponsors







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