

JUST IN TIME

Mistra Food Futures

Programme Year One

One



Just in time

Mistra Food Futures
Programme Year One



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We must act now, and we must act together

Transforming the food system

is crucial for reaching the goals of Agenda 2030 and the Paris Agreement. The food system accounts for 20–30 percent of global greenhouse gas emissions, around a third of all food is wasted, 800 million people suffer from hunger and 1.9 billion adults from overweight.

Researchers and partners of Mistra Food Futures work daily and intensely to help enable a sustainable transformation of the Swedish food system. A science-based approach is necessary to find adequate solutions. Equally important is innovative collaboration. Therefore, academic researchers, representatives from the private food sector, national authorities and regional authorities are collaborating in a science-based platform to ensure that knowledge, ideas and innovations turn into action plans, supported decisions, new solutions and business ideas.

Sweden has the potential to lead the world by example. The conditions and motivation exist, and much to be proud of has already been achieved. Still, this is only the beginning. All actors in the Swedish food system need to join the food system transformation. We need to number up, and together we need to go faster.

There is a lot at stake. We must act now, and we must act together. I am very proud to be part of the Mistra Food Futures consortium, working for transformation, in this crucial time, in this movement of change. Enjoy and immerse yourself in this first Mistra Food Futures annual report.

ANNICA SOHLSTRÖM

*Director General, Swedish Food Agency.
Chairperson of the Board, Mistra Food Futures*



A science-based platform to ensure that knowledge, ideas and innovations turn into action plans, supported decisions, new solutions and business ideas.

A science-based, collaborative platform

Vision

The overarching vision of the Mistra Food Futures programme is to create a science-based platform to contribute to enabling transformation of the Swedish food system into one that is sustainable. We consider sustainability in all three dimensions of the concept: environmental, economic and social. A system that is resilient and delivers healthy diets to all. By taking a holistic perspective and addressing issues related to agriculture and food production, as well as to processing, retail and consumption, Mistra Food Futures aims to play a key role in initiating an evidence-based sustainability and resilience transformation of the Swedish food system. The programme is a part of a force leading the transformation of the Swedish food system and is also inspiring research and action internationally.

The collaborative consortium platform

Transforming a food system is a challenge. Mistra Food Futures has created a unique platform of partners, including companies, authorities, regions, and academic researchers from the entire food system, all collaborating for transformative change. Some 18 partners together with three core academic and

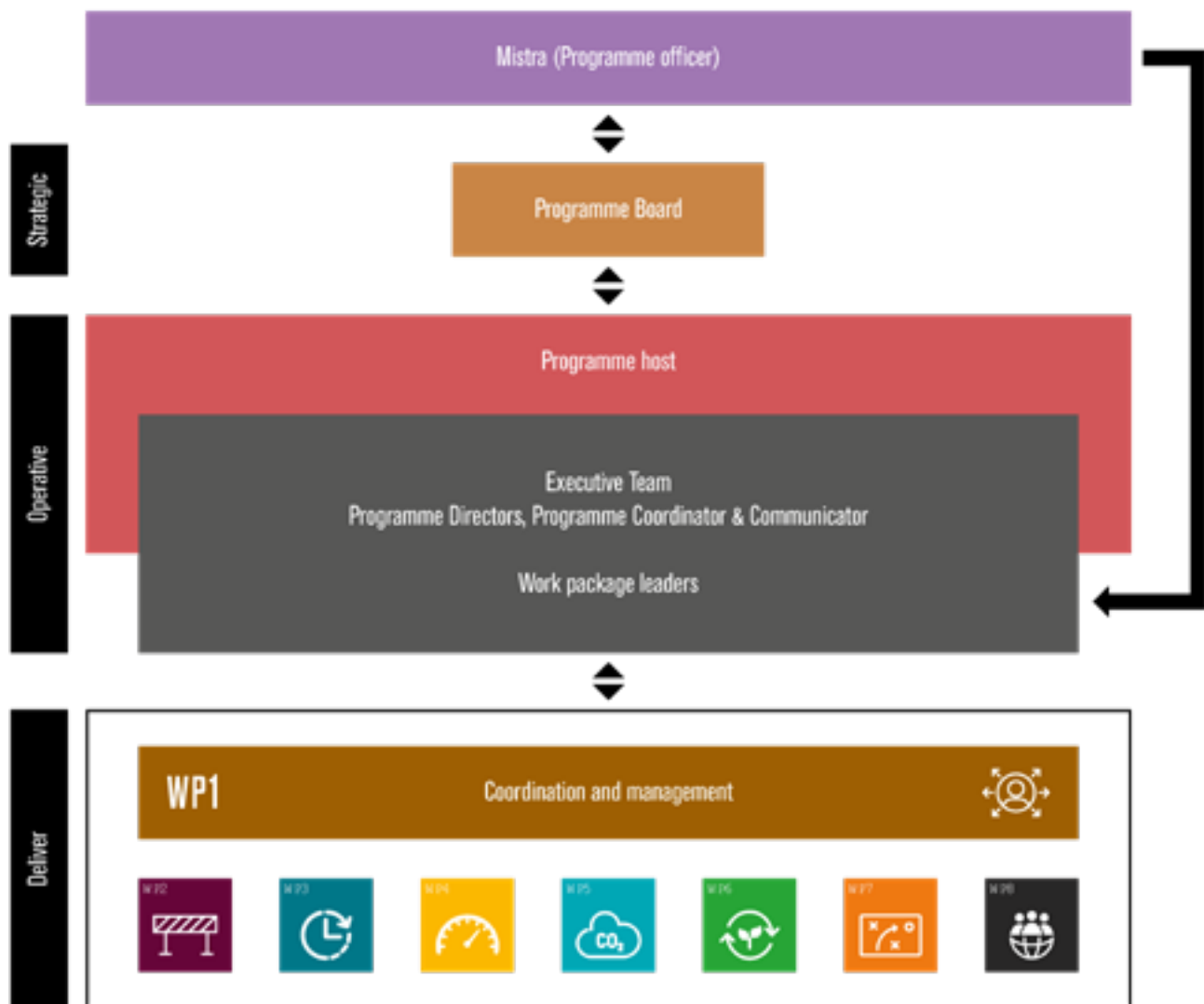
research institute partners (Swedish University of Agricultural Sciences, SRC Stockholm Resilience Centre at Stockholm University and RISE) work as an engine of transformation for sustainable food system research and development in Sweden.

Mistra Food Futures centres around four main strategies: (i) identification and synthesis of on-going research on how to achieve net-zero greenhouse gas and sustainable agricultural systems and sustainable food value chains, (ii) research for action to fill key knowledge gaps for achieving sustainable transformation at all levels in the food system; (iii) an encompassing approach to sustainable development, covering its environmental, economic and social dimensions, and (iv) initiation of a transformation process, together with stakeholders.

Eight work packages (WP) are functioning together to address these strategies

To ensure scientific rigour as well as knowledge transfer, uptake and exploitation of results, and efficient transparent management is the role of WP 1, **Coordination and management**. Setting targets that a sustainable and resilient food system needs to achieve, identifying likely barriers to these targets, and exploring strategies to turn

A system that is resilient and delivers healthy diets to all.



The collaborative consortium platform

the barriers into leverage points for change are the aims of WP 2, **Setting targets and identifying barriers**. There are **alternative pathways towards a sustainable future food system**, and that is the name and mission of WP 3. Using scenario planning, WP3 explores alternative pathways towards targets identified in WP 2, using indicators from WP 4 to identify trade-offs inherent in delivering on the targets and assesses the resilience of these pathways against various

external and internal shocks and drivers. WP 4, **Next generation sustainability and resilience performance indicators**, identifies the next generation of indicators to monitor performance of the food system in delivering healthy diets via a system that is sustainable and resilient. The primary goal of WP 5, **Agricultural systems with net-zero impact of greenhouse gas emissions** is to identify agricultural systems with the potential to make agriculture net-zero regarding





GHGs by 2045, as well as to deliver on several of the targets as defined in WP 2. WP6, **Towards sustainable food processing, retailing and consumption**, aims to identify and evaluate post-farm production systems with minimised GHG emissions and significantly reduced environmental impact and resource use as well as to design supply chains delivering resource efficiency, safe food and improved product quality. WP7, **Developing strategies for transformation** addresses drivers of change perceived and employed by key food system actors and will deliver evidence-based strategies for how these can be modified, enhanced, or fundamentally redesigned for rapid, transformative change at scale. The transformation into a sustainable society and a resilient food system is initiated by activities in WP 8, **Initiating transformation**, through co-development of the implementation strategies via close, iterative stakeholder engagement.

Leaders of the operational work within the respective WPs and responsible for the knowledge and results produced in each WP are: WP1: Helena Hansson and Per-Anders Hansson (shared), WP2: Beatrice Crona, WP3: Line Gordon, WP4: Helena Hansson, WP5: Per-Anders Hansson, WP6: Ulf Sonesson, WP7: Therese Lindahl and Helena Hansson (shared to ensure scientific competence related to both consumption and production), WP8: Maria Hellström.

Programme board

Mistra Food Futures' board leads and monitors the programme's implementation in relation to the programme plan. Since the start of the programme, the board has met five times with chairperson Annica Sohlström from The Swedish Food Agency, Anna Richert from WWF, Elisabeth Rytter, The Swedish Food Federation, Minna Kaljonen, Finnish Environmental Institute and Bo Jellesmark Thorsen, University of Copenhagen. Programme directors Helena Hansson and Per-Anders Hansson, together with programme communicator Ulrika Åström and programme co-ordinator Annsofie Wahlström also attend all board meetings.

Executive team

To ensure the operational management of the programme and to ensure the scientific quality of the work, Mistra Food Futures has an executive team consisting of programme directors Helena Hansson and Per-Anders Hansson, programme co-ordinator Annsofie Wahlström, programme controller Anton Nilsson (until 1st half of 2021) and Lena Karlsson (2nd half of 2021), programme communicator Ulrika Åström and the WP leaders (see above). This team meets monthly and meetings are chaired by Helena Hansson.

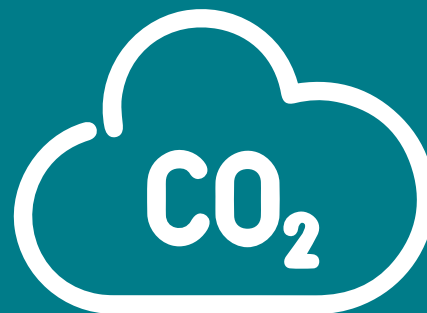
Mistra Food Futures Programme Year One

In this first programme report from Mistra Food Futures, we present key activities and share some first programme year (September 2020 – December 2021) insights, personal reflections, aims and ambitions. We also briefly summarise examples of deliverables so far. Here is an introduction to the programme.



Mistra Food Futures relates to all 17 Global goals

Food and agriculture are at the core of global commitments, such as the 17 Sustainable Development Goals and the Paris Climate Agreement. Transforming the food system is key to transforming societies to become more sustainable and resilient; the knowledge produced by Mistra Food Futures will contribute to the implementation of these key global agreements.



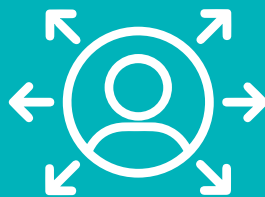
Knowledge needed for achieving net-zero by 2045

By 2045, Sweden aims to achieve net-zero emission of greenhouse gas emissions into the atmosphere. Mistra Food Futures contributes to the implementation of this vision by investigating strategies for how net-zero primary production can be designed.



9 examples of key scientific achievements

Mistra Food Futures' researchers summarised their work during the first programme year in nine examples of key scientific achievements. These include first drafts of future food system scenarios relevant to the Swedish food system; development of a conceptual discussion about sustainability performance measurement; advancement of sustainability performance measurement in primary production; results on sustainability assessment of specific measures on-farm, such as autonomous electric field tractors; and survey design to measure public opinion related to public policies for changing food consumption.



7 key dialogue meetings

During its first programme year, Mistra Food Futures arranged a number of key dialogue meetings, the Mistra Food Futures' Dialogs. They were aimed at the whole consortium and focused on topics of interest across the consortium: resilience, cross-disciplinarity, the role of seafood in Future Foods, sustainability, co-creation as a tool in transformation, collaboration for sustainable transformation and indicators for sustainable consumption.

28 popular science publications/editorials

Mistra Food Futures has developed a number of overall publications and editorials and participated in interviews. During the period December 2020 – September 2021, it published topical researcher blog posts on the programme website. These were also communicated in the programme's social media channels.

More than 100 virtual meetings

Starting in the midst of the Covid-19 pandemic, the Mistra Food Futures consortium has not yet had an opportunity to meet physically, but during the first programme year intensively used virtual meeting opportunities. In total, there were five board meetings, 55 programme management meetings, 14 executive team meetings, more than 30 meetings with parts of or the whole consortium, plus numerous WP-targeted meetings and two consortium meetings for all researchers and partners.

>100

Mistra Food Futures

– Just in time

Our food system faces a number of challenges: climate change which calls for both mitigation and adaptation, biodiversity and soil health degradation and concerns about profitability and generational succession in primary production, to mention a few pressures. At the same time, problems related to malnutrition and hunger continue on a global scale. And, in Sweden, problems related to unhealthy and unsustainable food consumption, and increasing obesity in the population are emerging. In short, food systems are not sustainable, and our Swedish food system is no exception to this. It would be easy to feel quite discouraged by all this. But that would not really get us anywhere.

In Mistra Food Futures, we would instead like to contribute knowledge that is needed for food system transformation. We do this by investigating how the food system transformation can take place. Our overarching vision is to create a science-based platform to contribute to enabling the transformation of the Swedish food system into one that is sustainable (in all three dimensions: environmental, economic and social), resilient and delivers healthy diets. This is an ambitious vision. It is very motivating. And it is just in time. The questions about food system transformation

have never been more urgent. The IPCC reports launched the summer of 2021 and in February 2022 further accentuates the need for rapid transformation.

We are happy to see that many initiatives are taking place in our area and related areas. The UN food system summit in 2021, the governmental inquiry about fossil-independent agriculture and the focus on sustainable food systems in the government's research proposition, to mention a few. In 2020, the Swedish Research Council Formas made grants to four research centres focusing on food research and innovation. We think of these as sister initiatives to our Mistra Food Futures and have met with their programme leaders several times to get to know the research centres better and to find common ground for interaction.

Looking back at the first programme year (September 2020 – December 2021), we are happy to conclude that all eight work packages are now started and have consolidated themselves. Interesting and relevant findings are emerging from the programme. As a consortium, we have developed ways of working together. Even though the whole consortium has never met physically due to



Helena Hansson



Per-Anders Hansson

the Covid-19 pandemic, we have interacted intensively on numerous occasions. We are proud to note that our programme has generated more than thirty separate transdisciplinary workshops and meetings where actors from different food system organisations have met and discussed pressing aspects about food system sustainability. We ended the first programme year with an online consortium conference. During two half-days, we met on Zoom to listen to presentations from the work packages and to discuss in smaller groups. Although we have obviously met, discussed, interacted and been inspired, we look forward very much to meeting the whole consortium in a face-to-face meeting.

Finally, we would like to take the opportunity to thank everyone involved in Mistra Food Futures this first programme year. It has been a great experience so far, and we look forward to the next steps in our programme.

HELENA HANSSON

Professor, Programme Director Mistra Food Futures, Department of Economics, SLU

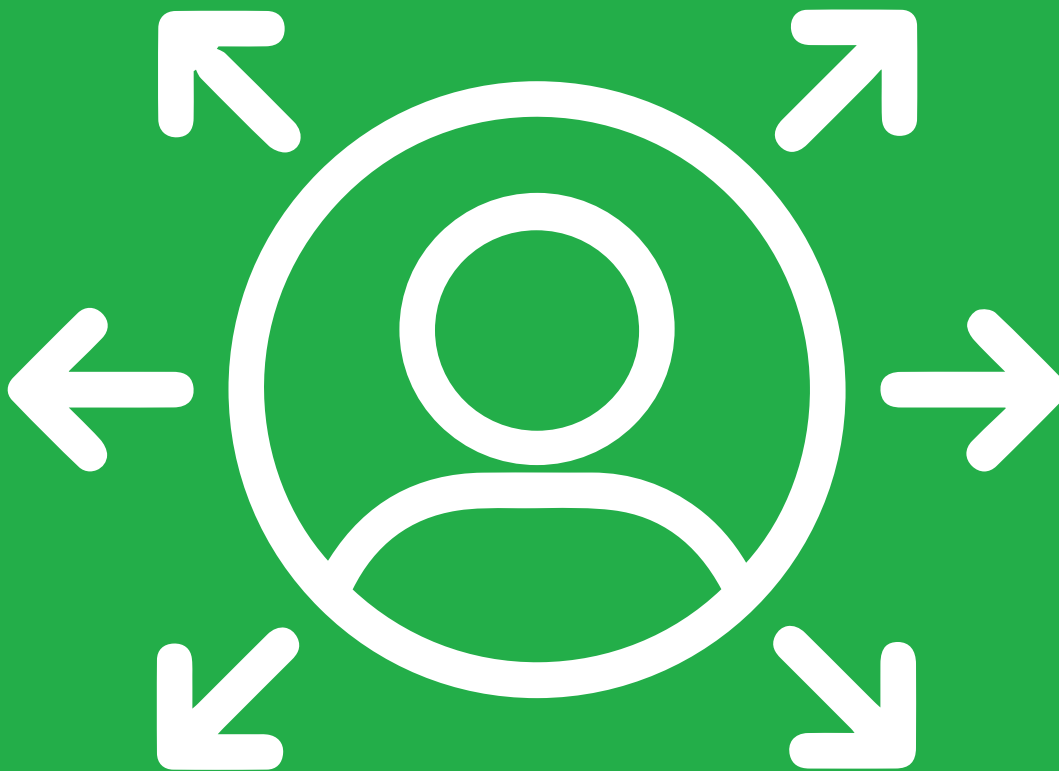
PER-ANDERS HANSSON

Professor, Programme Director Mistra Food Futures, Department of Energy and Technology, SLU

Our overarching vision is to create a science-based platform to contribute to enabling the transformation of the Swedish food system into one that is sustainable, resilient and delivers healthy diets.

What's cooking: Year one

Mistra Food Futures is all about creating and sharing science-based knowledge, addressing issues and insights that are of interest across the consortium itself and to the Swedish food system at large. Here are three examples of what's cooking this first programme year.



Seeing is believing – how scenarios can drive vision, narrative and change

It is now about two years since the world suddenly and surprisingly closed down. A pandemic led to social changes that were totally unexpected, with dramatic consequences for different parts of society. How can we anticipate and visualize what the future holds in a world that is turbulent, uncertain, novel, and ambiguous?

When it comes to food futures, we know that marginal improvements to current diets, production systems and supply chains are inadequate to achieve sustainability goals, but it can be hard for people to even imagine what a sustainable food future would look like, or how to get there. Many food system stakeholders also have starkly contradictory perspectives on the problems that the food system faces, the type of changes that will lead to sustainable future food systems, and who the actors are who have the responsibility and agency to change.

In Mistra Food Futures, we have chosen to apply a scenario development process to help think about food futures. In this work, we define a scenario as a plausible, simplified description of how the future could

develop, based on coherent and internally consistent sets of assumptions about driving forces and key relationships. This means that imagining transformative futures in an uncertain world requires integrating diverse data, models, and perspectives, as well as thinking rigorously and creatively about how change takes place.

During 2021, Mistra Food Futures developed the first skeletons of four scenarios of a future Swedish food systems taking place in the year of 2045. A scenario skeleton represents a scenario's main structure and the core features of its narrative. Skeletons allow for an internal examination between the different scenarios' narratives, to ensure that they are both internally consistent in their descriptions of the Swedish food system as well as sufficiently divergent to create an interesting range of futures to compare and contrast against each other. These skeletons will be further developed with more qualitative details and quantitative modelling at the second phase of this project.

LINE GORDON

Curt Bergfors professor in sustainability science



Line Gordon

Transformative change – why we need to work together

To stand a chance of fulfilling the commitments in the Paris agreement and the sustainable development goals, the food system needs to be transformed. Doing so will require all food system actors to move beyond “business as usual”.

To succeed in this transformation, we need collaboration and innovation, and a holistic view that takes the complexity of the food system into consideration, realising that changes made in one end can cause substantial consequences for another. In Sweden, a top-ranking country in global innovation indexes, we can demonstrate how this could be done! We see plenty of exciting innovations in the food business, and we want as many as possible to succeed on the difficult journey from idea to reality.

But how do we support them in the best possible way? Multilateral collaboration between food system actors is increasingly demanded, including science, policy, and society, as well as industry. Partly to share knowledge, experience, and risk, but also to test the potential of new

ideas and innovations. However, this requires us to challenge old concepts of who is a competitor, and instead shift our focus towards how opportunities can be realized together.

If we want something different, we must do something different. In Sweden, we have the opportunity to be a forerunner, demonstrating how a sustainable food system can be achieved, but we can't afford to compete for available resources amongst ourselves. Instead, we must use our resources smarter through joint action and co-creation, and through new, broad collaborations.

In the words of a well-known African adverb: If you want to go fast, go alone. But if you want to go far, go together.

MARIA HELLSTRÖM

Sustainable Consumption and Production, RISE



Maria Hellström

This requires us to shift our focus towards how opportunities can be realised together.

From pillars to doughnut – why planetary boundaries set the limits

The most common way to discuss sustainability is via three equally important dimensions: environmental, social and economic. The viewed equality between dimensions is problematic, since it gives no clear guidelines on how to rank dimensions when conflicts arise, causing actors to make their own prioritised order.

It is understandable that many individual actors prioritise economic profits and growth in the short run; positive returns today are necessary to ensure future production. It is, however, problematic when economic decisions are made at the expense of the other sustainability dimensions. Instead, economic decisions must be taken in combination with environmental and social targets. As the food system functions today, we emit large levels of pollutants and deplete natural resources, and there are people who cannot access enough nutritious food. Given the large problems arising from the food system today, we argue that the way we view

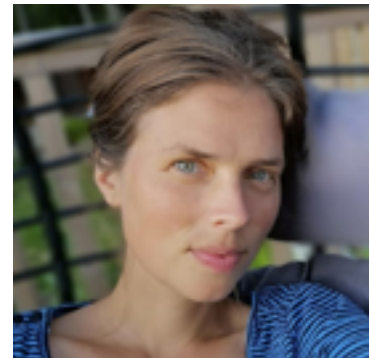
sustainability must be adapted. To ensure a resilient system where production can continue on a large scale to provide food security for all given a changing climate and decreased biodiversity, we must consider planetary capacity.

An adaptation of the common view on sustainability conceptualisation must therefore move in the direction of the planetary boundaries, where natural resource capacity is not compromised more than what is necessary to feed the population.

This way of looking at sustainability implies that the aim of sustainable development is to fulfil social targets without infringing on environmental restrictions, and that the economic system becomes a means to support the system and sustainability transition rather than being a target by itself.

SARAH SÄLL

*Researcher, Mistra Food Futures,
Department of Economics, SLU*



Sarah Säll

In good company

Mistra Food Futures is formed around a 21-partner consortium, including university and research institute partners, food value chain partners, authorities and regions. We are all in each other's good company aiming to contribute to enabling the transformation of the Swedish food system into a system that is sustainable and resilient and that delivers healthy diets. Here are statements from some of our partners on why they choose to participate.





Arla strongly believes in collaboration for addressing the multiple challenges and opportunities in further improving the sustainability of food systems. The food industry perspectives are key to developing actionable and scalable solutions, and we are very keen to advance the field collaboratively with the impressive competence gathered in Mistra Food Futures.

Anna-Karin Modin Edman, Sustainability Manager, ArlaFoods

Coop Sweden wants to participate and contribute to Mistra Food Futures because of its holistic view of sustainability issues, openness to new solutions and eagerness to use collaboration for steps towards a more sustainable world.

Anneli Bylund, Sustainability Manager, Coop Sweden

We participate to be able to keep up with what is happening, contribute with our knowledge and be able to highlight identified needs from a primary production view. In addition, the programme is an urgent and important project in line with our mission to promote sustainable and increasing food production.

Camilla Burman, Food Chain and Export Unit, Swedish Board of Agriculture

Polarbröd became a partner of Mistra Food Futures because reaching our own sustainability goals and contributing to the transformation of the food system requires collaboration. We particularly like the programme's focus on both theory and practice – working together to build new knowledge, but also developing concrete strategies for implementing change here and now.

Cindy Kite, Head of Sustainability and Innovation Coordinator, Polarbröd

Swedish Food Federation, together with our member companies, have formulated a manifesto of sustainability, Hållbarhetsmanifestet, including five commitments. To be part of Mistra Food Futures offers excellent opportunities to work with them and to achieve significant results.

Elisabet Rytter, Manager Research and Nutrition, The Swedish Food Federation

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To succeed in the transformation of the food system we need to take a number of different sustainability criteria into account, where not all can be given the same weight. Through our participation in Mistra Food Futures, we hope to get a framework for and some answers to how to make the sustainability equation go together, so that we can produce sustainable and healthy food for all.

Helena Fredriksson, Research Manager, Lantmännen

For Orkla, sustainability is business-critical and a requirement for our future growth. Orkla has set ambitious, broad, science-based sustainability targets, and Mistra Food Futures is an important co-creation project that will help us reach these targets and build a sustainable future with our products.

Anders Högberg, Research & Strategic Partnership Manager, Orkla Foods Sweden

The participation in Mistra Food Futures constitutes an opportunity for us to raise the public health perspective in the programme's knowledge development about a sustainable food system, and how a change of the system can be monitored.

Pia Lindeskog, Expert, Public Health Agency of Sweden

As partner in Mistra Food Futures, Lantbrukarnas Riksförbund (LRF, The Federation of Swedish Farmers), is offered an important opportunity to share the experience, know-how, and views from a farm level to the ongoing and future Swedish food and sustainability science.

Ann-Kristin Sundin, Nutrition Expert, The Federation of Swedish Farmers





Contribute to enabling transformation

Mistra Food Futures consists of eight interrelated work packages. Involving young researchers, the programme contributes to building and enhancing research capacity in its field. Here are personal reflections and aims from some of the younger researchers in Mistra Food Futures.





Already as an intern at the FAO in Rome, I decided to dedicate my professional life to food sustainability issues. At Mistra Food Futures, I have the privilege to learn and contribute to transformation. For me as an economist, sustainability indicators are extremely intriguing since they make the sustainability concept concrete. As a sustainability nerd, I realise that the way we measure sustainability is crucial, since it has such a great impact on what conclusions we draw, and how we act. **I hope to contribute with my experience in co-creation and actor-engagement in food and sustainability issues** and that my background in political science and policy analysis can be useful in programme discussions.

HELENA ROBLING

*PhD Candidate, Mistra Food Futures,
Department of Economics, SLU*



I am involved in a working group at Mistra Food Futures that aims to develop a model for quantifying climate and other environmental impacts from the Swedish agricultural sector, both today and under a variety of future scenarios.

My ambition is to participate in developing a flexible modelling framework that will prove useful both for future research and to provide policy guidance to actors in the sector. I have previously developed models to study land use and the environmental impacts of different future scenarios, focusing on the role of livestock in sustainable food systems. This is something I hope to develop in the Mistra Food Futures programme.

JOHAN KARLSSON

*PhD Candidate, Mistra Food Futures,
Department of Energy and Technology,
SLU*

At Mistra Food Futures, I focus on next-generation sustainability and resilience performance indicators.



The goal of my research is to contribute to the transition towards a healthier food system with a lower environmental burden. Nutrition and environmental science have traditionally been separate research fields, but to identify solutions that benefit both perspectives, there is need for interdisciplinary research. At Mistra Food Futures, **I focus on next-generation sustainability and resilience performance indicators.** Exploring data and indicators to monitor and evaluate nutrition and health elements linked to the Swedish food system. My working group consists of food system sustainability experts with different backgrounds to cover ecological, economic and social dimensions of sustainability.

ELINOR HALLSTRÖM

PhD, Mistra Food Futures, Sustainable Nutrition, RISE



In Mistra Food Futures, I've led a mapping of current Swedish seafood consumption, which now serves as a baseline for further investigations. At the moment, **my focus is compiling data and assessing the sustainability of Swedish consumption and production.** In this work, I pay extra attention to the major seafood production volume in Sweden, the sprat and herring fisheries, which have great potential but also many challenges. I see my work on seafood in the programme as important, since improved understanding of the potential role of different seafoods in future Swedish diets is vital.

SARA HORNBORG

Researcher, Mistra Food Futures, Unit Sustainable Consumption and Production, RISE



I'm part of the research team working with scenario planning. I think that creating scenarios about what a future sustainable and resilient Swedish food system could look like, and identifying pathways to get there, can be a great way to spark discussion about the transition ahead. **I'm particularly interested in exploring how we ensure that the food system becomes both sustainable and equitable.** The programme takes an important holistic approach, exploring impacts from our food system both in Sweden and abroad from many different angles. With my background in political science and environmental policy, I wish to contribute to examining this complexity in my work.

KLARA EITREM HOLMGREN

Research assistant, Mistra Food Futures, Stockholm Resilience Centre, Stockholm University



As an early career researcher, it is an invaluable learning experience to collaborate with experienced researchers across disciplines in Mistra Food Futures, while delving deeper into the field that interests me the most – sustainable food systems. Among other things, **I contribute to the project by gathering data and compiling existing literature about the development of the food system in Sweden and internationally.** The need for transformation is undeniable, and exploring how food policy, target-setting, and multi-stakeholder collaboration can help build healthy and sustainable food systems may be more relevant than ever.

RAKEL ALVSTAD

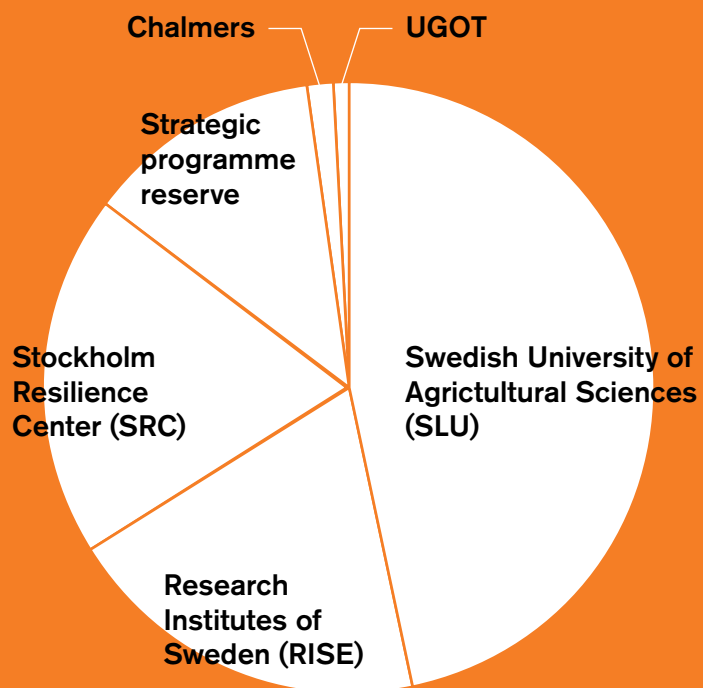
Research assistant, Mistra Food Futures, Stockholm Resilience Centre, Stockholm University

Funding

Mistra Food Futures started in September 2020. Its total funding from Mistra over a four-year period amounts to 64 MSEK. In addition, the programme receives co-funding from its academic and non-academic partners. Co-funding consists of both in-kind work hours and cash contributions to the programme. In the original budget, amounting to a total of 80 MSEK, co-funding over the four-year period amounted to 20% of the overall programme budget. The co-funding is now increasing from additional investments by partners in the programme.

From the start of the programme, a total of 8 MSEK was set aside in a strategic reserve to allow the programme board to act on upcoming and promising, but still unforeseen, research paths and activities within the scope of the programme. So far, 0.75 MSEK has been allocated to investments in enhanced communication activities in the second programme year. The purpose is to facilitate the significant impact of the programme activities.

Funding from Mistra per partner	SEK
Swedish University of Agricultural Sciences (SLU)	29 944 000
Research Institutes of Sweden (RISE)	12 383 000
Stockholm Resilience Center (SRC)	12 280 000
Strategic programme reserve	8 000 000
Chalmers	993 000
University of Gothenburg (UGOT)	400 000
Sum	64 000 000





Appendix

Examples of output from Mistra Food Futures Programme Year One.

Published scientific articles

Bennett, E.M., Biggs, R., Peterson, G.D. and Gordon, L.J., 2021. *Patchwork Earth: Navigating pathways to just, thriving, and sustainable futures*. One Earth, 4:172-176.

Lagnelöv O, Larsson G, Larsson A and Hansson P-A. 2021. Life cycle assessment of autonomous electric field tractors in Swedish agriculture. Sustainability 1398876

Martinsson, E. and Hansson, H. 2021. Adjusting eco-efficiency to greenhouse gas emissions targets at farm level – The case of Swedish dairy farms. Journal of Environmental Management, 287, 112313

Röös, E., Bajzelj, B., Weil, C., Andersson, E., Bossio, D. and Gordon, L.J., 2021. Moving beyond organic—A food system approach to assessing sustainable and resilient farming. Global Food Security, 28, p.100487

Blog posts

Access all blogs at mistrafoodfutures.se/blog

Hansson, H. (2021). Vem tar ansvar för att hållbarhetsproblem åtgärdas?

Hansson, H. (2021). Att prata hållbarhet – det enda hållbara i längden.

Hansson, H. (2020). The urgent need for system transformation.

Lindahl, T. (2021). Att förändra vår matkonsumtion

Lindahl T. (2021). Vad tycker vi medborgare om att bli styrda? Och varför är det en viktig fråga?

Sonesson, U. (2021). Från pastörisering, mikrobiologi och förpackningsval till globala utmaningar.

Sonesson, U. (2021). Konkreta beslut inom något så krångligt som hållbara och resilienta produktionssystem.

Hellstrom, M. (2021) Vill vi ha annorlunda måste vi göra annorlunda.

Hansson, P-A (2021). Systemsyn och klimativänligt jordbruk.

Wood, A., Eitrem Holmgren, K. Konsten att föreställa sig ett nytt framtida och hållbart livsmedelssystem.

Gordon, L.J. The future is always full of surprises.

Malin Jonell (2021). Hållbara mål för Sveriges matsystem – vilka är de och hur få dem att hända?

Meetings

Name of the meeting	Type of meeting	Number of participants	Date
Kick-off Mistra Food Futures	Internal	About 70	2020-09-15
Mistra Food Futures workshop – Being a researcher in MFF	Internal	About 48	2020-11-09
Mistra Food Futures – Workshop 2 – Förväntningar	Internal	About 17	2020-10-14
Mistra Food Futures – Workshop 3 'Match-making'	Internal	About 23	2020-10-19
Mistra Dialog – Webinarium: Framtidens mat – Krinova	External		2021-05-06
Mistra Food Futures – Lunch meeting with WP 7	Internal	About 15	2021-05-06
Mistra Food Futures workshop – Co-ordinating surveys	External	9	2021-06-02
Mistra Food Futures workshop – Co-ordinating surveys	External	10	2021-09-20 – 2021-09-21
WP6 Breakfast seminar	Internal	About 25	2021-08-17
WP6 Workshop	Internal	About 15–20	2021-10-06
WP4 Lunch meeting	Internal	About 10	2021-03-31
Workshop Mistra Food Futures: Vad är ett hållbart livsmedelssystem?	Internal	About 20	2021-05-05
Workshop Mistra Food Futures: Vad är ett hållbart livsmedelssystem?	External	About 20	2021-05-21
WP4 Lunch meeting	Internal	About 15	2021-06-21
Mistra Food Futures' Dialog	Internal	Between 20–40	2021-02-26
Mistra Food Futures' Dialog	Internal	Between 20–41	2021-03-26
Mistra Food Futures' Dialog	Internal	Between 20–42	2021-04-23
Mistra Food Futures' Dialog	Internal	Between 20–43	2021-05-28
Mistra Food Futures' Dialog	Internal	Between 20–44	2021-08-27
Mistra Food Futures' Dialog	Internal	Between 20–45	2021-09-24
Mistra Food Futures' Dialog	Internal		2021-10-29
Mistra Food Futures: Matchmaking workshop	Internal	About 50	2020-10-19
Mistra Food Futures: Pitching workshop part 1	Internal	About 30	2021-09-06
Mistra Food Futures: Pitching workshop part 2	Internal	About 20	2021-09-20
Mistra Dialog: Samverkan för hållbar omställning	Internal	About 25	2021-09-24
Mistra + Klimat 2030: klimatomställning i livsmedelsindustrin	Extern	About 20	2021-08-27
Mistra Food futures WP5 workshop	Internal	About 40	2021-06-10
WP5.1 Measures to reduce GHG	Internal	3–8 (approx 60 meetings)	Whole period
WP3 Developing Scenario Skeletons	Internal	5–10 participants in around 10 meetings	Whole period
Mistra Food Futures – 1h meeting with WP 2	Internal	About 30	2021-05-10
Mistra Food Futures workshop om mål och målsättande för omställning av livsmedelssystemet	External (but with many MFF partners)	About 30	2021-06-24
Webinar on CAP: Let us discuss the new CAP and the transformation of the Swedish food system	External (but with many MFF partners)	About 15	2021-05-27

Examples media appearance

Hälsosamt och klimatsmart – vad ska vi äta i framtiden? Article in the magazine Dietisten.

Mistra Food Futures: "Det tvärvetenskapliga är vägen framåt" – Livsmedelsföretagen
(www.livsmedelsforetagen.se/mistra-food-futures-det-tvarvetenskapliga-ar-vagen-framat/)

Framtidens hållbara matsystem nr 2 2021, sid 4 (indd.adobe.com/view/ba39054a-b238-4a8f-a226-764139159390)

Nytt forskningsprogram får 64 miljoner för att göra Sveriges livsmedelssystem mer hållbart
Externwebben (www.slu.se/ew-nyheter/2020/3/mistra-food-futures/)

Centre partner in programme designed to improve Swedish food system – Stockholm
Resilience Centre (www.stockholmresilience.org/research/research-news/2020-03-19-centre-partner-in-programme-designed-to-improve-swedish-food-system.html)

Mistra Food Futures (www.youtube.com/watch?v=VnDSU7WU3xg)

Mistra Food Futures-arkiv – Dagligvaruhandeln Senaste Nyheterna
(www.butiksnytt.se/tag/mistra-food-futures/)

Mistra Food Futures – Allt om husdjur (a-ja.net/mistra-food-futures/)

Nu ska livsmedelssystem bli mer hållbart (sverigesradio.se/artikel/7440945)

Tvärvetenskap – nyckeln till ett hållbart livsmedelssystem? (Newsletter, RISE)

malmedel.nu/ledare/nu-behovs-livsmedelsarbetarnas-rost/

malmedel.nu/ovriga-nyheter/fragan-ar-hur-mycket-mindre-kott-vi-borde-ata/

www.aktuellhallbarhet.se/miljo/livsmedel/vi-har-mindre-an-tio-skordar-pa-oss/

www.svt.se/nyheter/vetenskap/forskare-omställning-av-livsmedelssystemen-nodvandig-for-att-na-klimatmalen

urplay.se/program/222862-var-enda-jord-matjord

tv.aftonbladet.se/video/320382/saa-har-kan-ett-dygn-i-ditt-liv-se-ut-nar-klimatkatastrofen-kommit

tv.aftonbladet.se/video/329720/julia-julia-jorden-detta-ater-vi-aar-2050







The overarching vision of the Mistra Food Futures programme is to create a science-based platform that contributes to enabling transformation of the Swedish food system into a system that is sustainable, resilient and delivers healthy diets. By taking a holistic perspective and addressing issues related to agriculture and food production, as well as to processing, retail and consumption Mistra Food Futures aims to play a key role in initiating an evidence-based transformation of the Swedish food system towards sustainability and resilience.

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