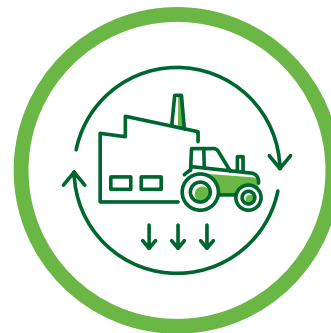




**A NET ZERO
FOOD SYSTEM**

Partnering for a Net Zero Food System

Key Areas of Action

What is the challenge?

To address the food system's role as a major contributor to greenhouse gas emissions, while also tackling interconnected issues like food waste, resource depletion, and energy consumption.

What are the Mission goals?

To respond to these challenges, aiming to radically reduce emissions and mitigate the impacts of the climate crisis. To achieve this, we will scale a systems approach, measuring and quantifying the change through reduced CO2 equivalent emissions. This will involve transitioning to sustainable practices across the entire food system.

How can we achieve these goals?

Our network and funding will support business in creating new markets and opportunities for food waste and food loss reduction.

We will help people and business alike to become empowered in their choices to play an active role in shaping the circular food economy.

Establish
Regenerative
Agriculture as
a commercially
viable choice in
key value chains

Reduce Food
Loss and Food
Waste

Grow the circular
food economy
through
packaging and
labelling

We have developed an [Impact Funding Framework](#) that directs our community on where they can play a role in delivering near-term actions for long-term change.

EIT Food will lead in funding innovative solutions through the Impact Funding Framework, while also driving the creation of communities and coalitions, and advocating for agendas that drive these critical changes.

Join Us in Driving Change

FUNDING

EIT Food will support its community by encouraging the submission of strong proposals that directly address the Priority Challenges and Mission Targets for a Net Zero Food System, as outlined in the Impact Funding Framework and detailed on page 4.

Additionally, EIT Food encourages submissions in 'High Value' areas where projects and programmes have the potential for significant impact, as listed below.



High Value Area	Examples of Supporting Technology and Capability (this list provides examples of where solutions may be found and is not exhaustive)
Regenerative Businesses	Collaboration in effort and funding with agrifood companies to drive innovation and adoption across their supply chains, from primary production to intermediaries. Carbon insetting solutions to drive direct improvements within an organisation's own supply chain, reducing emissions at the source. Examples of insetting include adopting renewable energy, improving energy efficiency, and investing in carbon sequestration projects like reforestation, agroforestry, or soil carbon capture within the supply chain.
Food Loss and Waste	Implementing technologies and practices that improve logistics, storage, and handling to minimise spoilage and waste. This can involve better forecasting, real-time tracking, and optimised transportation. By leveraging data to measure and document food loss and waste, we can gain valuable insights. This includes separating edible and non-edible components to make informed decisions, especially for primary producers and consumers.
Food Packaging	Designing packaging solutions that extend food shelf life and reduce waste. Startups bring innovative packaging technologies, like biodegradable films and smart materials. Connecting them with established companies helps scale and refine these solutions. Transition away from fossil fuel monomers. Optimise packaging with right-sizing and single-material use to minimise waste. Avoid single-use packaging entirely, regardless of material type.
Protein Diversification	Expand and diversify the production and consumption of sustainable protein sources, including plant-based options, aquaculture, algae biotechnology, and synthetic biology, to meet growing demand while reducing environmental impact. Accelerate innovation and technological development to support agriculture, wild fisheries, and alternative proteins, addressing challenges related to price, taste, texture, energy consumption, and scalability. Advance commercialisation efforts to bring emerging alternative proteins to market, ensuring they obtain regulatory approval and contribute to feeding a growing population.



BUILDING COMMUNITIES AND COALITIONS



- Overcome barriers to adoption of **regenerative and sustainable agriculture practices** by:
Bringing the voice of primary producers and science towards policymaking to produce **effective change strategies**.
Enabling **standardisation of definitions** supporting Regenerative Agriculture and Net Zero.
Supporting **drive to automation** in monitoring, reporting and verification (MRV) processes.
Enabling **skills and capabilities development at early-stage careers**.
- Build coalitions to create complete sustainable value chains and lead the delivery of the **EU Code of Conduct on Responsible Food Business**.

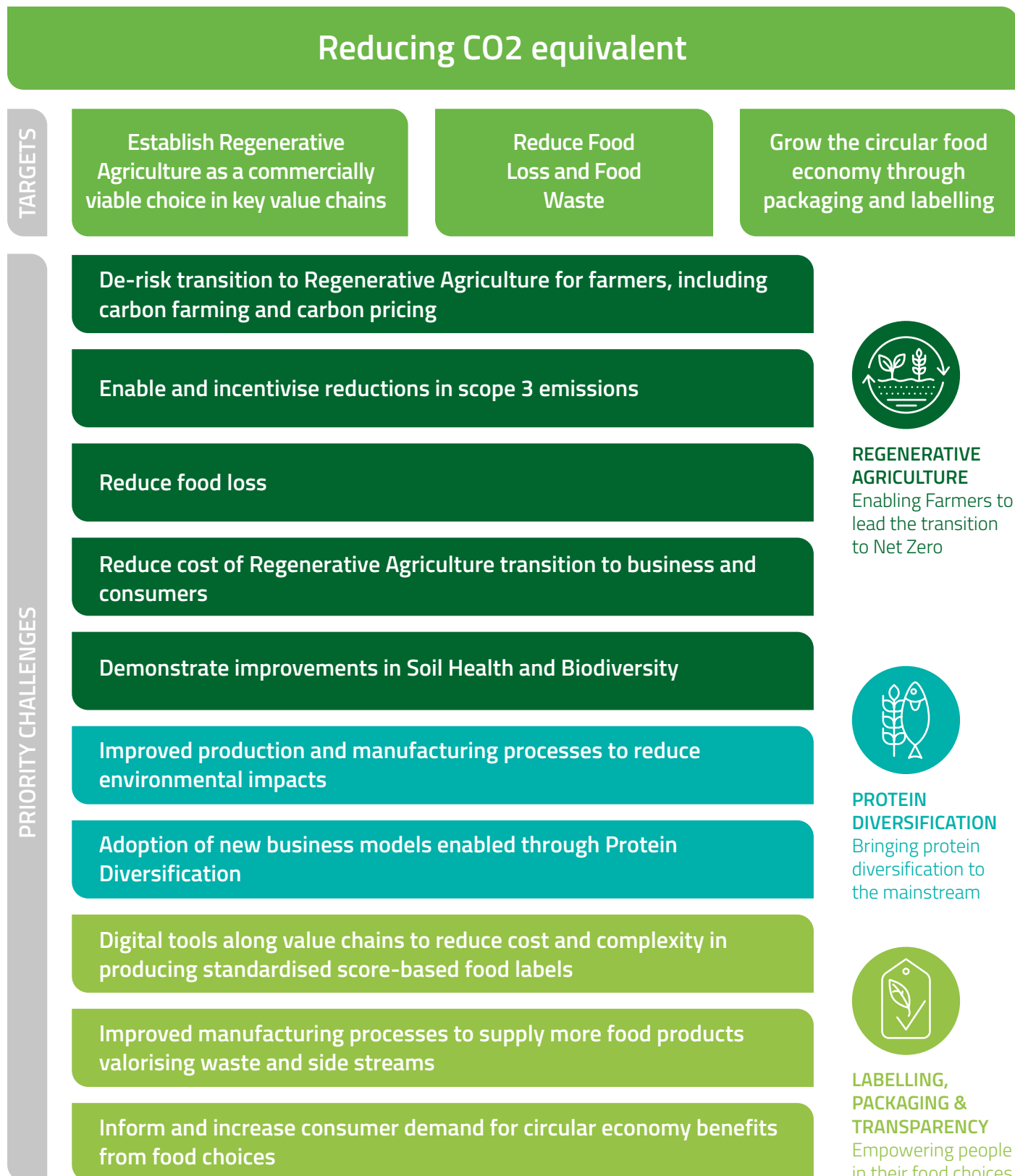
ADVOCACY



- Engage in policy level discussion and evaluation of **Extended Producer Responsibility** and **True Cost Accounting** as drivers of Net Zero.
- Advocate for a farmer-focused approach in shaping the post-2027 Common Agricultural Policy.
- Support and actively participate in implementing the **EU Green Claim Directive**, including certification and **eco-labelling** initiatives.

Where can we find out more?

A Net Zero Food System Mission Insights report is published on EIT Food website. This report goes beyond our own capabilities within the EIT Food community, and we are making it publicly accessible to inspire others to join us in taking action. The illustration below shows how we are building portfolios of changes across the food system which come together to help solve the bigger challenge.



EIT Food Community Examples in Action:

FUNDING

Tech 4 RegenAg: An EIT Food partner-led programme set to revolutionise European agriculture with innovative, data-driven regenerative practices



BUILDING COMMUNITIES & COALITIONS

The Waste to Plate initiative brings together a community of innovators to create healthy, nutritious food from upcycled ingredients. Focused on reducing waste, this initiative fosters collaboration and sustainability through shared practices and creative solutions.



ADVOCACY

COP29 Food Systems Partnership: EIT Food is the secretariat of the Food Systems Partnership, convening and unifying policymakers, farmers, youth and scientists at COP29 to ensure urgent food system transformation is at the heart of negotiations.



Useful links and resources

- [The EIT Food Impact Funding Framework](#)
- [Net Zero Food System Impact Insights](#)
- [Net Zero Food System Insight Report](#)
- [FoodHIVE Impact Funding Framework Group](#)

An interconnected mission framework

