



Our capabilities

# Food systems



# Food systems

Food systems encompass the complete range of inputs, activities and infrastructure involved in producing, distributing, and delivering food. This includes the entire journey from farm to fork, covering farming, processing, logistics, and marketing. Building robust food systems is crucial to providing safe and healthy food, and with sustainability and societal concerns becoming more pronounced, it is vital that food systems find ways to balance productivity with social and environmental responsibility.

Currently, global food systems contribute heavily to GHG emissions, global water use, and environmental degradation. This is unsustainable and necessitates a combined effort from governments and businesses to implement practices and craft policies that are more sustainable and responsible than traditional food systems.



## Safety and sustainability across the **value chain**

At Farrelly Mitchell, we understand the complexity and interconnectedness of food systems. We support governments, businesses, NGOs, and private investors as they look to build sustainable, integrated, and robust food systems. Our food systems specialists have decades of experiencing working with all elements and activities related to food production and delivery. Our services enhance efficiency, sustainability, and resilience across the entire food value chain.

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Building sustainable and resilient food systems is essential to boosting productivity, ensuring food safety, and meeting Sustainable Development Goals. At Farrelly Mitchell, we provide food system solutions that balance sustainability, productivity, and equitability.”

**Déirdre Nic Carthaigh**

Director



# Sustainability & **ESG**

Agriculture is tied to many of the world's most critical environmental and social issues, including climate change, pollution, and biodiversity loss. Through excessive monoculture farming, chemical use, deforestation, and food waste, the agricultural industry is causing irreparable damage to the planet. To solve these challenges and establish long term sustainability, the industry must collectively pivot towards more sustainable and responsible practices.

At Farrelly Mitchell, our sustainability specialists provide the practical support and actionable insights needed to help our clients establish robust and responsible food systems. Serving both public and private industry stakeholders, we can facilitate the adoption of cutting-edge technologies, strategies, and techniques that mitigate environmental impacts, improve social governance, enhance business performance, and achieve ambitious sustainability targets.

We believe that sustainability and ESG need not compromise commercial success. We work tirelessly to develop solutions that address social and environmental challenges while also creating value and building a competitive advantage for our clients.

# Traceability & transparency

Demand for authentic and accountable food systems is on the rise. With consumers and regulators increasingly requiring information on the origin, quality, and safety of their food, businesses that establish accountability in their supply chains can gain a distinct advantage. Traceability and transparency are vital to building and maintaining confidence in the integrity of foods, value chains and regulatory systems. They foster trust between consumers and businesses, and enable organisations to streamline operations, minimise waste, and bolster their market reputation and competitiveness.

At Farrelly Mitchell, we support both governments and businesses in building transparent supply chains. Our public services team assist regulatory bodies in crafting policies that improve oversight within the food sector, while our private sector specialists help businesses enhance supply chain integrity, by optimising supply chains to ensure efficient, accountable, and reliable food distribution.





## Supply chain **optimisation**

Supply chain optimisation is crucial for food and agribusinesses to achieve peak efficiency and attain a competitive advantage. This process involves managing the supply chain to efficiently deliver products to customers on time while lowering operating costs. The benefits of supply chain optimisation include cost reduction, improved profitability, increased quality control, and better flow of materials and information. Conversely, businesses that neglect this process may suffer from delivery delays, increased costs, and extended production cycles.

At Farrelly Mitchell, our consultants specialise in transforming food and beverage supply chains. We help our clients achieve a perfect balance between cost, quality, and availability by enhancing supply chain efficiency, value, and resilience. We provide a range of services including diagnostics, forecasting, inventory optimisation, and business process management. With our expertise, clients can navigate supply chain challenges, uncover new opportunities, and build robust strategies for sustainable growth and market leadership.



## Technology & innovation

In recent years, a string of new technologies and practices have transformed the agrifood landscape, providing businesses with innovative ways to boost productivity, streamline processes and optimise resource usage. However, for many businesses, implementing these technologies holds inherent risk. Doubts over viability, scalability, and upfront costs often deter adoption and cause businesses to miss significant operational gains.

At Farrelly Mitchell, we can assess the feasibility of any new technology and support the implementation process through bespoke training and education programs. Our agtech experts hold deep knowledge on the latest agricultural technologies, including AI, IoT, Agri-robotics, automation, and much more. Armed with this knowledge, we can help food and agribusinesses identify and adopt the right technologies and ensure that any solution aligns with the organisation's strategic goals and operational needs.

# Policy & regulation

Agrifood policies and regulations are essential for the establishment of resilient and sustainable food systems. These regulations restrict employees and organisations from harmful or unsustainable activities, and incentivise practices that adhere to food safety, ESG, and Sustainable Development Goals.

At Farrelly & Mitchell, our consultants act as a bridge between public and private stakeholders in the agrifood industry. We support policymakers around the world in building fair and transparent regulatory systems and we support private sector entities in understanding and navigating their regulatory landscape. With decades of experience and a deep understanding of national, and international industry standards, our dedicated policy team can review, design, and amend policies to ensure they effectively meet contemporary challenges and facilitate a safer and more sustainable food sector.







## Food safety

Food control systems are vital for protecting public health, building consumer trust, improving food safety practices and maintaining brand reputation. Every year contaminated food kills thousands and harms millions. The absence of effective food control measures can lower food safety standards, erode consumer confidence, and limit market access.

At Farrelly Mitchell, we are dedicated to enhancing food safety worldwide. Our global network of food safety consultants provides tailored support, ensuring our clients meet international standards, safeguard public health, and secure economic advantages through improved food safety practices.

We offer comprehensive services that span the entire food supply chain. We collaborate with governments and industry bodies to craft robust food control legislation and systems. We also help businesses to mitigate food safety risks, achieve compliance, and enhance food safety standards across their operation.

# How **Farrelly Mitchell** supports sustainable food systems

In addition to our food system services, we provide a comprehensive range of solutions that address the multifaceted challenges faced by food and agribusinesses. From optimising operations and enhancing profitability to fostering sustainable practices and safeguarding food security, we are committed to ensuring our clients achieve operational excellence, drive innovation, and create value. Our additional services are delivered by two teams:

- » **Commercial & technical**
- » **Development & impact**





## Commercial & technical services

Our commercial and technical consultants help clients realise their goals and maximise their returns. Our clientele ranges from established multinational agribusinesses and innovative startups, to private equity and institutional investors. We have supported major investment projects, large operational changes, market entry strategies, mergers and acquisitions, and more.

☆ **Due diligence:**

Analysing the commercial, technical, operational, and ESG performance of a business to evaluate opportunities, mitigate risks, and foster informed growth decisions.

☆ **Market intelligence & insights:**

Providing deep, actionable insights into navigate market dynamics and consumer trends, that drive competitive advantages, and capitalise on growth opportunities.

☆ **Feasibility & financial modelling:**

Delivering robust commercial and technical reports on your latest projects and offering detailed insights into the viability of investments.

☆ **Risk analysis & management:**

Conducting thorough on-site audits and scanning markets and regulatory environments to identify threats and address them before they materialise.

☆ **Strategy & execution:**

Designing commercial, operational, and technical strategies and putting them into action for long-term success. We bridge the gap between strategy and execution, turning ambitious plans into tangible results.

☆ **Value creation & implementation:**

Designing and implementing improvement programs that enhance performance, drive sustainable growth, and generate long-term value for your business.

# Development & impact services

Agricultural development is one of the most powerful tools for improving food security, stimulating economies, and building safe, secure, and sustainable food systems. In many developing countries, poor management, weak infrastructure, and a lack of industrialisation has directly led to widespread inequality, poverty, and malnutrition. Our experts seek to improve agricultural productivity in these regions and make a profound impact on the lives and livelihoods of the people who suffer the most.

## ☆ **Nutrition & food security:**

Driving nutritional and economic improvements by strengthening food control systems.

## ☆ **Institutional development:**

Building robust agricultural institutions for stronger, more efficient sector governance and development.

## ☆ **Capacity building & training:**

Regional training programs targeting modern farming techniques and technology.

## ☆ **Market linkages & value addition:**

Empowering smallholders and strengthening supply chains with greater market access and value-adding processes.

## ☆ **Programme design & implementation:**

Supporting the design and implementation of impactful and sustainable agri-development programs.

## ☆ **Impact evaluation & monitoring:**

Measuring success and driving improvement with thorough impact assessments and ongoing monitoring in the agricultural sector.





## Contact US

For expert assistance in building efficient, transparent, and sustainable food systems, contact Farrelly Mitchell. With our guidance you can navigate the complexities of the food supply chain, from policy and regulation to technology and innovation. Reach out to us today to ensure your operations are sustainable, compliant, and strategically positioned for growth.



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