

OUR FIVE-FOLD ENVIRONMENTAL AMBITION

PROGRESS REPORT 2014

OPEN ▶

Food and Drink
Federation



Delivering Sustainable Growth

INTRODUCTION

The food and drink industry is acutely conscious of the responsibilities that come with our scale and reach as the UK's largest manufacturing sector. As part of a global food production system we face the fundamental challenges of world population growth, increased pressure on natural resources and the need to mitigate and adapt to climate change.

To meet these challenges our sector has set itself the aspiration to grow sustainably by 20% by 2020. Through our Five-fold Environmental Ambition, we have been successfully delivering major improvements in resource efficiency since 2007. Our member companies are making improvements at all stages of production and introducing new technologies and solutions as well as products. This innovation is helping us towards our goal of producing more from less and with less impact on the planet, and we know that science and technology will be fundamental to driving further improvements in sustainable production.

Our members' commitment is clear, and I am delighted to report in 2014 that we achieved our ambition to reduce our carbon dioxide emissions way ahead of the original target of 2020. Our members have delivered an absolute reduction of 35% in their emissions measured against a 1990 baseline. This is a fantastic achievement – it means that since the launch of the Five-fold Ambition, absolute emissions have fallen by 664,000 tonnes of CO₂ - equivalent to the annual emissions

arising from around 200,000 average homes in the UK. Of course our success begs the question of 'what next' and the FDF will be considering this over the next few months – but the drive to reduce emissions whilst increasing our activities and outputs remains undiminished. FDF's Five-fold Environmental Ambition is the roadmap for collective environmental performance and the FDF is committed to helping member companies adopt life-cycle thinking to help achieve more sustainable production and consumption, as well as promoting innovation and technology to help us meet the environmental, social and economic challenges we face.



Melanie Leech

Melanie Leech
Director General, FDF (2005 - 2014)

OUR WIDER AIMS

- Our role as food and drink manufacturers is to **supply consumers with safe, nutritious, appetising and affordable food and to help them make sustainable choices** which will secure these benefits for the future.
- We will lead by example, building on the success of FDF's Five-fold Environmental Ambition to **extend our influence across the supply chain** as part of a longer term food strategy.
- We will work with our suppliers, customers, employees, policy makers and other stakeholders to develop the necessary information, skills and business environment to **deliver continuous improvement in the use of energy, water and other natural resources** to help address the pressing global issues of climate change and loss of biodiversity.
- We will **encourage the development of life-cycle thinking throughout the supply chain** and try to remove systemic barriers to improving resource efficiency, from the sourcing of raw materials to the disposal of post-consumer waste.
- We will **promote innovation and technology** to reduce waste and extract maximum value from the resources we use and to help consumers get the most from our products.

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I am so pleased to have been asked to write the foreword for this report, which showcases that economic growth and success need not be at the expense of environmental ambition.

My vision is for the UK food and farming industry to be the best in the world: exciting, dynamic, and at the forefront of technology and innovation. The case studies in this report show what can be done, both for the productivity and competitiveness of individual businesses and the environment, when you embrace innovative processes and products. For FDF members, producing more with less isn't a series of buzz words, it's an opportunity to increase efficiency and competitiveness.

This report sets out the progress made by the industry in the last year. FDF members have achieved their CO₂ reduction target way ahead of the original target, cutting their emissions by 35%. They have also reduced their water use by 6.1 million m³, along with good progress against waste, packaging, and transport emissions targets. These are real achievements and it's encouraging to see that the FDF remains committed to working with its partners across the supply chain to face the environmental and economic challenges of the future.

Our food chain is now worth £103bn,

employing 13% of the UK workforce; an economic powerhouse. But I know that to keep growing and contributing to the economy, the industry needs a skilled workforce and access to the most innovative technology. This Government is investing in apprenticeships and science and education. The number of apprenticeships in the food sector has increased sevenfold since 2010.

Food businesses are expanding and thriving and as a Government we are opening record numbers of new markets, abroad and at home. We've opened 600 export markets since 2010 and in July we launched Peter Bonfield's public sector procurement of food and catering services. We have re-vamped and simplified the way we buy food, opening up a sector worth £400m; I would encourage all FDF's members, big and small, to take advantage of this opportunity.

This report demonstrates the FDF's commitment towards sustainable growth, where they are leading the way. I look forward to a bright future working together, enabling our world-class industry to grow and compete.



Elizabeth Truss

Secretary of State for Environment,
Food and Rural Affairs

“FOR FDF MEMBERS,
PRODUCING MORE
WITH LESS ISN'T A
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WORDS, IT'S AN
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OUR CORE AMBITIONS

Tackling direct environmental impacts in our members' own operations remains at the core of FDF's Five-fold Environmental Ambition - continuing to deliver significant financial savings as well as measurable progress against class-leading targets in carbon reduction, water saving, food waste, packaging and transport.

We have also been able to show that this can be achieved while increasing output - decoupling growth from the impacts of production - generating employment and income across the economy, while also adding value as the largest customer of UK agriculture.

OUR CURRENT TARGETS

2014 PROGRESS

EMISSIONS CO ₂	Achieve a 35% absolute reduction in CO ₂ emissions by 2020 against a 1990 baseline.
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FDF members have achieved an absolute reduction of 35% in CO ₂ emissions from their use of energy in manufacturing operations in 2013 compared to the 1990 baseline. This is an excellent result meaning FDF members have now met the ambition set for 2020.

WASTE	Seek to send zero food and packaging waste to landfill at the latest by 2015 and make a significant contribution to WRAP's Courtauld Commitment 3 target to reduce traditional grocery ingredient, product and packaging waste in the grocery supply chain by 3% by 2015, from a 2012 baseline.
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FDF members have reduced the amount of food and packaging waste they send to landfill to 3% of total waste from operations. The first year results of the Courtauld Commitment Phase 3 show that there has been little overall change in the amounts of supply chain waste in 2013, compared to 2012 but food waste prevention efforts have led to 80% more food being redistributed.

PACKAGING	Make a significant contribution to WRAP's Courtauld 3 target to improve packaging design through the supply chain to maximise recycled content as appropriate, improve recyclability and deliver product protection to reduce food waste, while ensuring there is no increase in the carbon impact of packaging by 2015, from a 2012 baseline.
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The first year results of the Courtauld Commitment Phase 3 show that signatories have delivered an impressive 4.5% reduction in the carbon impact of packaging against the 2015 zero increase target.

WATER	Achieve significant reductions in water use to help reduce stress on the nation's water supplies and contribute to an industry-wide absolute target to reduce water use by 20% by 2020 compared to 2007.
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Between 2007 and 2013 Federation House Commitment signatories collectively made a 15.6% reduction in their water use (excluding that in product). This reduction is equivalent to 6.1 million m ³ water or 2,430 Olympic-size swimming pools.
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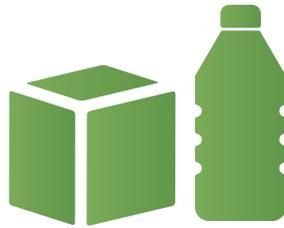
TRANSPORT	Embed environmental standards in our members' transport practices, including contracts with hauliers as they fall for renewal, to achieve fewer and friendlier food transport miles and to make a contribution to the Freight Transport Association administered Logistics Carbon Reduction Scheme target to reduce the carbon intensity of freight operations by 8% by 2015 against a 2010 baseline.
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Results for the second year of the Logistics Carbon Reduction Scheme showed that it delivered a 4.3% reduction average kg of CO ₂ equivalent emissions per vehicle km in 2012 compared to 2010.
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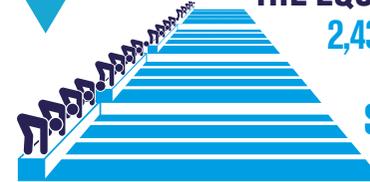
35%
REDUCTION IN
CO₂ EMISSIONS



4.5% ↓

REDUCTION IN CARBON
IMPACT OF PACKAGING

15.6%
REDUCTION IN
WATER USE



THE EQUIVALENT OF
2,430 OLYMPIC
SIZED
SWIMMING
POOLS



NO SIGNIFICANT
CHANGE IN
SUPPLY CHAIN
WASTE



4.3% REDUCTION IN
TRANSPORT EMISSIONS



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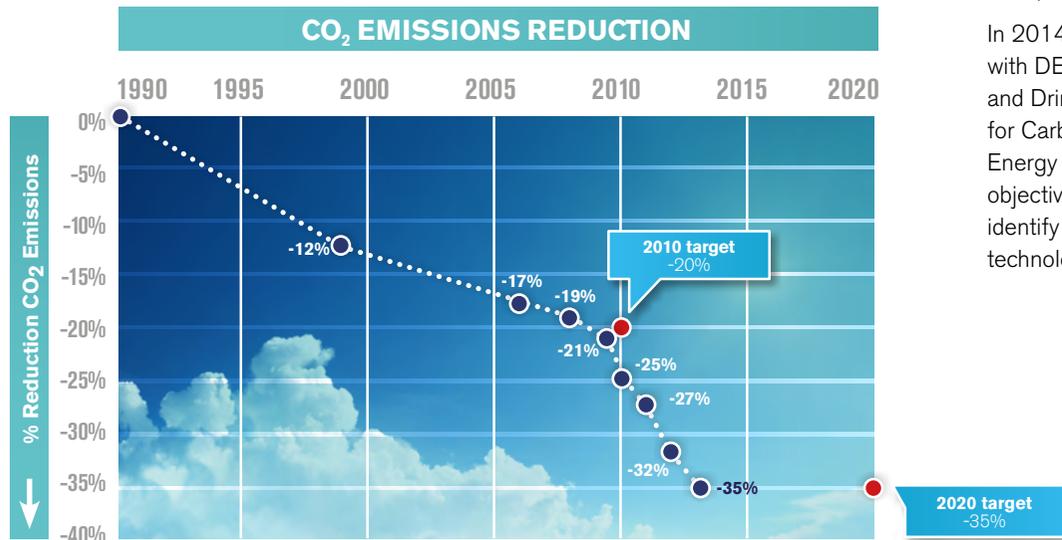
CO₂ EMISSIONS

Reducing CO₂ emissions remains the cornerstone of our industry's efforts to increase the sustainability of food and drink manufacturing and contribute to the growth of a greener economy in the UK

CO₂ AMBITION:

To achieve a 35% absolute reduction in CO₂ emissions by 2020 against a 1990 baseline.

In 2013 FDF members achieved an absolute reduction of 35% in CO₂ emissions from their use of energy in manufacturing operations measured against a 1990 baseline. This is an excellent result meaning FDF members have now met the ambition set for 2020. We believe that this is as a result of continued focus on energy efficiency and low carbon innovation by FDF members set against a background of rising output and a difficult economic climate in the UK in recent years.



Of course this raises the question what next? In 2015 FDF will be analysing how our success was achieved to better understand the reasons for progress to date and to look at possible options to revise the ambition. This will focus on the level of the target, the timescale over which the target is set and how FDF can continue to promote best practice.

In 2014 FDF has been working with DECC and BIS on the Food and Drink 'Industrial Roadmap for Carbon Reduction and Energy Efficiency to 2050'. The objective of this project is to identify those opportunities and technologies that could help

further deliver a low carbon food and drink manufacturing sector beyond FDF's current Five-fold Environmental Ambition time horizon of 2020. This project reports in early 2015. Also next year FDF will be working with DECC on the review of the FDF 2020 Climate Change Agreement target. Both of these activities will inform FDF's review of the future ambition on CO₂ reduction from energy use.

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Having achieved significant reductions in water and waste, the focus for the Kellogg UK business is in reducing energy use and greenhouse gas emissions.

The engineering teams at the Kellogg factories in Manchester and Wrexham have identified innovative applications for the capture and use of heat as an energy source, which has helped reduce gas consumption.

Its Manchester factory operates a wastewater treatment plant where heat energy would have traditionally escaped to the atmosphere from the treatment process. The site is now putting this heat to good use, using an advanced heat pump system that cools the wastewater

treatment tank and also uses the energy recovered to heat water for cleaning and staff use on site. The Wrexham factory has initiated a project to recover previously wasted energy from the exhaust systems on the cookers, and this is used to preheat boiler feedwater.

Both projects have recognised energy reductions of over 3,700MWh with a payback of less than four years. The Manchester factory has reduced its greenhouse gas emissions by 24% since 2009 and is now seen as a global front runner within Kellogg for meeting reduction targets.



Kellogg's heat recovery system in Wrexham

“As a company, and as individuals, we are passionate about enriching and delighting the world through foods and brands that matter. We understand that people care about how the foods they eat are grown and produced. That’s why environmentally sustainable practices are such a crucial part of ensuring our brands remain relevant with consumers.”

Diane Holdorf,
Chief Sustainability Officer, Kellogg Company



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Nestlé’s Fawdon factory acts as a ‘lighthouse’ facility where an operational sustainability strategy and supporting activities can be developed, tested and rolled out to other sites worldwide.

Through an investment of more than £3.2 million, the installation of a state of the art effluent plant in Nestlé’s confectionery factory in Fawdon has delivered a ground breaking sustainable solution to boost resource efficiency.

Designed, built and commissioned by Clearfleau, a British renewables technology company, this facility converts trade effluent and residual confectionery ingredients into renewable energy. The on-site anaerobic digestion plant combines renewable

energy production with waste and nutrient management and helps reduce greenhouse gas emissions, reducing the site’s carbon footprint. The unique process is the first of its kind, taking both solid and liquid waste and then using natural biological digestion processes to produce clean water and methane gas.

The biogas produced is used to run a micro combined heat and power (CHP) plant, generating 300kWe of electricity as well as thermal energy, reducing greenhouse gas emissions and exposure to rising energy prices.



Nestlé’s anaerobic digestion plant in Fawdon

“The FDF Five-fold Environmental Ambition has complemented our sustainability strategy and drive towards innovative solutions to reduce our environmental impact!”

Inder Poonaji,
Head of Sustainability, Nestlé UK & Ireland

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Sending food and packaging waste to landfill not only wastes the resources used in their production, but also adds to total greenhouse gas emissions through decomposition. Even though most food waste is generated by households rather than manufacturers, FDF members recognise the need to lead by example in their own operations

FDF's waste reduction target is delivered through the Manufacturing and Retail target of the WRAP Courtauld Commitment, a voluntary agreement involving manufacturers and retailers. First year results under Phase 3 show that there has been little overall change in the amounts of supply chain waste in 2013 compared to 2012, although recycling and recovery have both increased and there has been an 80% increase in food being redistributed for human consumption.

In terms of progress towards the FDF zero waste to landfill target, the latest survey results of members' food and packaging waste arisings were published earlier this year jointly with WRAP. These results confirmed that members continue to find new ways to prevent or otherwise divert their food and packaging waste towards recycling and recovery away from disposal, sending only 3% to landfill in 2012 compared to 16.5% in 2006.

Recycling showed a significant increase on previous surveys with 28% of all waste managed in this way increasing to 96% for used packaging alone. The focus going forward will be on further reducing mixed waste to landfill.

We have been actively promoting broader industry engagement on food waste prevention within our European association FoodDrinkEurope through our leadership of its Food Wastage Taskforce. The Taskforce has recently published a progress report on the actions being undertaken by Europe's food and drink manufacturers to tackle food wastage both within their own operations and up and down their supply chains in support of the European Joint Food Wastage Declaration. This includes examples of FDF's work with WRAP and other stakeholders.

WASTE AMBITION:

Seek to send zero food and packaging waste to landfill at the latest by 2015 and make a significant contribution to WRAP's Courtauld Commitment 3 target to reduce traditional grocery ingredient, product and packaging waste in the grocery supply chain by 3% by 2015, from a 2012 baseline.



PACKAGING

Packaging plays an essential role in helping to ensure the safety, quality and shelf-life of food and in conveying important information to consumers about issues such as use, storage, nutrition, ingredients and origin. Although on its own packaging contributes relatively little to the total product environmental footprint, the innovations being made to packaging and the information it carries have much potential to further improve efficiency and reduce waste across the whole supply chain including in the home

Our ambition to optimise packaging is delivered through FDF member activities under the carbon reduction target of the WRAP Courtauld Commitment. First year results for Phase 3 of the Commitment show that signatories have delivered an impressive 4.5% reduction in the carbon impact of packaging against the 2015 zero increase target.

This equates to a 16kt (0.6%) reduction in total packaging by weight of which primary packaging is down by 32kt and single use transit is up by 16kt. Transit packaging plays an important role in protecting food and drink products and the associated primary packaging from damage.

The number of FDF members signed up to the On-Pack Recycling Label Scheme - a UK-wide consistent messaging system to help consumers recycle more - currently stands at 24.

FDF has continued to work with other packaging and food industry organisations, local authorities and WRAP on ways to

give the 'Fresher For Longer' initiative launched in 2013, under WRAP's Love Food Hate Waste programme more national coverage and buy-in, following the successful national conference held in February 2014.

Following publication by the European Commission (EC) of its legislative proposals to review the packaging recycling and other waste related targets, FDF has contributed to a FoodDrinkEurope lobbying position for the Council and European Parliament. This puts forward the case for a shared responsibility approach, involving all relevant stakeholders along the waste management chain, to be reflected in the final legislation given that this has delivered high levels of recycling of used packaging at lower cost to consumers and to society overall. This activity will be taken forward into 2015 following the EC's announcement of its intention to replace these legislative proposals with some which are even more ambitious.

PACKAGING AMBITION:

To make a significant contribution to WRAP's Courtauld 3 target to improve packaging design through the supply chain to maximise recycled content as appropriate, improve recyclability and deliver product protection to reduce food waste, while ensuring there is no increase in the carbon impact of packaging by 2015, from a 2012 baseline.

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Coca-Cola Enterprises Ltd

Coca-Cola Enterprises (CCE) is dedicated to reducing the environmental impact of its packaging and focuses on producing less material overall whilst using a higher proportion from recycled and renewable sources.

Sustainability is an 'always on' process for CCE and is a fundamental consideration for its entire business operation.

In 2014 the company launched its PlantBottle 500ml, which contains up to 22.5% plant based material and 25% recycled polyethylene terephthalate (PET), helping to reduce reliance on fossil fuels. CCE has also lightweighted both its bottles and cans, helping to save 5.2m tonnes of CO₂ per

year. Overall, 27% less packaging is now used than in 2007.

CCE has also continued to transform PET recycling in the UK with its investment in Continuum Recycling, a plastics reprocessing site, opened in 2012, which is the result of a joint venture with ECO Plastics. This year, the site passed the landmark of a billion bottles processed, and is capable of reprocessing nearly 50% of all the plastic bottles collected in the UK.

“Sustainability is a fundamental consideration across our entire business in Great Britain and we are committed to minimising the environmental impact of our products and processes. The Five-fold Environmental Ambition allows us to reflect upon the gains we have made to improve efficiency across CCE and also motivates us to continue in our efforts.”

Leendert den Hollander,
CEO, Coca-Cola Enterprises Ltd



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Coca-Cola's PlantBottle plastic is made using 22.5% plant materials with up to 25% recycled plastic

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The water used in the manufacturing process is a relatively small part of total water use in the food chain. But increasing concern over the future balance of supply and demand here in the UK means that all our water resources need to be used as efficiently and sustainably as possible

FDF and our members are committed to making a collective contribution to an industry-wide absolute target to reduce water use, outside of that embedded in products, by 20% by 2020 against a 2007 baseline.

This ambition is being delivered through the Federation House Commitment (FHC) launched in 2008 to improve water efficiency in the food and drink manufacturing sector.

In partnership with WRAP we have tracked progress on water use reduction for over 50 signatories.

The latest annual FHC progress report highlights that between 2007 and 2013, signatories collectively made a 15.6% reduction in their water use (excluding that in product). This reduction is equivalent to 6.1 million m³ water or 2,430 Olympic-size swimming pools. Between 2012 and 2013 alone,

signatories reported a 1.35 million m³ reduction in annual water use.

Since 2007 water intensity has been reduced by 22%. This equates to a water reduction of 0.49 m³/tonne of product and is a notable achievement given that production for these sites increased by 8.2% over the same reporting period.

As part of our wider Five-fold Environmental Ambition aims we continue to promote our Every Last Drop campaign to improve water use and management throughout the supply chain. The next stage is to develop new resources to assist companies with employee engagement on water.

WATER AMBITION:

Achieve significant reductions in water use to help reduce stress on the nation's water supplies and contribute to an industry-wide absolute target to reduce water use by 20% by 2020 compared to 2007.

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PepsiCo UK works on continued reduction in water and energy usage across the business and since 2006 has reduced water consumption in its manufacturing operations by 33%.

PepsiCo is a company that utilises a comprehensive, bespoke approach to sustainability across its global operations. In the UK, its approach is to harness local expertise in resource efficiency. Every site has a sustainability manager responsible for energy, water and waste, and a key part of their role is to identify and deliver improvements that have a positive impact on the business, engaging employees at every level.

The adoption of the company's Resource Conservation (ReCon) programme –

enabling each site to monitor water, waste and energy usage and identify opportunities to decrease environmental impact – combined with high levels of inter-plant collaboration, has contributed significantly to a 7.1% compound annual reduction in specific water consumption in the period 2010 to date.

By focusing on the agriculture phase, the company has also made great progress against its stated commitment to halve the amount of energy and water used in growing its key crops over a five-year period (the '50 in 5' programme).



(Click to view)

Waste water recycling in Skelmersdale video.

“We take our environmental and sustainability commitments seriously and we’re proud of the great strides we’ve made across the Five-fold Environmental Ambition priority areas in recent years. Innovation and collaboration is key to our approach – putting employees at the heart of our strategy and harnessing their expertise to find the best solutions and projects we can.”

Dave Clark,
UK Sustainability Manager at PepsiCo



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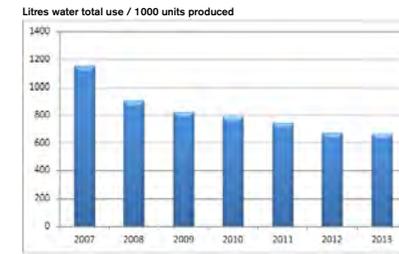
The energy, water, waste, resources and fuel-saving initiatives introduced by apetito have saved money and focused the business on innovation and leadership in sustainability.

At apetito's main Trowbridge factory, resource efficiency and energy management work groups have made step by step improvements in water, waste, fuel and energy efficiency.

One project has involved replacing the water ring main with a low volume high pressure system with hose triggers, creating significant clean down water savings. The company has also invested in water efficient kit and introduced simple water saving measures such as fitting hose trigger release guns that stop the flow when hose is not in use.

In 2013 apetito installed nearly 700 solar panels on its main South-facing factory roofs. These generate some 150kw of power and make a useful and predictable

contribution to overall electricity costs. The company has also halved factory food waste and ensured the remainder is directed to anaerobic digestion to produce electricity and generate agricultural soil improver.



Water savings at apetito, 2007-2013

“Sustainability is simply about being an efficient and innovative business. The Five-fold Environmental Ambition has been the foundation of our environmental programme giving us direction and performance milestones that have enabled us to strengthen our business and work alongside suppliers and customers progress toward a sustainable future.”

Paul Freeston,
CEO, apetito

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The contribution of transport to the environmental impact of food production is frequently over-estimated and in most cases accounts for only a small percentage of total product footprint. But it does add directly to costs and gives rise to a range of indirect effects, including traffic congestion. It is therefore a very clear example of where improved efficiency makes good business sense for everyone

Members have continued to reduce the impact of their transport operations, whether undertaken by third party hauliers or provided by their own fleet by including environmental standards in their food transport practices.

These improvements are based on the FDF 10-point checklist for Greener Food Transport which remains the cornerstone of our transport commitment. Our 'hard' transport target is delivered through members making a contribution to the Freight Transport Association administered Logistics Carbon Reduction Scheme which aims to reduce the carbon intensity of freight operations by 8% by 2015 compared to 2010.

Results for the second year of the scheme showed that it delivered a 4.3% reduction in average kg of CO₂ equivalent emissions per vehicle kilometre in 2012 compared to 2010. Projecting this reduction forward suggests that the scheme is on track to meet the target early. Since there is a two-year lag in reporting results from this scheme 2014 results will not become available until 2016.

We are continuing to look for further opportunities to publicise the positive benefits for FDF members involved in the scheme with a view to generating more support from food and drink companies and/or their third party hauliers.

TRANSPORT AMBITION:

Embed environmental standards in our members' transport practices, including contracts with hauliers, as they fall for renewal, to achieve fewer and friendlier food transport miles and to make a contribution to the Freight Transport Association administered Logistics Carbon Reduction Scheme target to reduce the carbon intensity of freight operations by 8% by 2015 against a 2010 baseline.



MEMBER CASE STUDY



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Yearsley Logistics and General Mills are working together to improve the environmental impact of warehouse and transport logistics.

Yearsley Logistics has been a key logistics partner of General Mills UK for ten years, providing various warehouse services linked to the company's production factories in Berwick-upon-Tweed, where it makes its market-leading Jus-Rol fresh and frozen pastry, and Arras in France, where it makes its renowned Häagen-Dazs ice cream.

In 2013, with a movement towards legislation based on Defra guidelines, the General Mills logistics team proposed including key performance indicator (KPI) metrics for measuring warehouse and transport carbon impacts through directional reporting.

This was adopted by Yearsley Logistics and has become their first customer driven KPI relevant to environmental impact.

The success in cutting emissions is reviewed against measured KPIs through regular reviews and both companies are benefiting from sharing increased efficiencies by keeping carbon emissions down.

In addition, Yearsley Logistics continues to work closely with General Mills UK on supporting the recording of load fill data in an effort to increase physical volumes and keep road miles to a minimum.

“As one of the world’s largest food companies, it is vital that we take our responsibility as an environmental custodian seriously across all the territories in which we operate. Small changes across big organisations like ours can make a huge difference, and we are committed to constantly reviewing and appraising our processes to ensure we are being as efficient as we possibly can be.”

Dave Howorth,
Supply Chain Director at General Mills UK, Ireland & Nordic



General Mills has introduced KPI metrics for measuring warehouse and transport carbon impacts

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To address risks in supply chains and meet rising consumer expectations of corporate responsibility food and drink manufacturers are increasingly looking to source their ingredients sustainably

Through initiatives such as FDF's Five-fold Environmental Ambition, the UK food and drink sector is already taking action to reduce its direct environmental impacts in manufacturing operations. But the global food system is coming under increasing pressure from the impacts of climate change, population increase, a growing demand for limited resources and changing diets.

These challenges will affect all aspects of the way food is produced and consumed, from the raw materials we source, the energy, water and other resources we use in manufacture, to the distribution and storage of what we produce and the choices consumers make.

In follow up to our Sustainable Sourcing: Five Steps Towards Managing Supply Chain Risk guidance, FDF has developed a Sustainable Palm Oil sourcing guide and has been

working with WRAP in 2014 to develop a Raw Material Risk Tool for food and drink companies. When launched in 2015, this tool will help companies identify, understand and address the potential environmental, social and economic risks associated with their supply chains.

In partnership with Zero Waste Scotland we have also carried out work with two Scottish members to develop case studies based on our Sustainable Sourcing guide to demonstrate the benefits that result in a more sustainable supply chain. This project is due to report in early 2015.

Building a secure and sustainable supply chain not only makes good business sense but also has the potential to bring with it a number of benefits for a company that is seen to be acting in line with wider stakeholder and societal interests.

View our Sustainable Palm Oil sourcing guide



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Unilever's environmental impacts cut across its entire value chain – from the sourcing of raw materials all the way through to the energy and water needed by people who use its products.

Unilever's success depends on being able to decouple growth from its environmental impact. By 2020 the company will source 100% of its agricultural raw materials sustainably.

More than two-thirds of its environmental impact results from consumer use and disposal of its products, therefore, consumer behaviour change is important.

In 2014 Unilever launched the Live Better Challenge – an online hub to help inspire individuals and families to change their behaviour and create a better and

more sustainable life through a series of challenges. This nationwide campaign is a significant expansion of the company's Sustainability Challenge and focuses on themes including reducing food waste; lowering energy and water consumption; sustainable sourcing; and improving health and wellbeing.

The first part of the challenge addressed waste, with the households aiming to reduce their food bills by 15% and household waste going to landfill by 25%. Unilever asked participants not to throw away any leftovers or edible food for a week and as a result more than 10 tonnes of food waste was saved, meaning that 5.7 tonnes of food didn't end up in landfill. If every household in the country took this challenge, 135,000 tonnes of food waste would be saved every week.

Unilever's Sustainable Living Plan sets out goals to reduce environmental impact and enhance livelihoods

“The Live Better Challenge supports our company's Sustainable Living Plan, which sets out a series of time-bound commitments to help Unilever increase its positive social and economic impact while reducing its environmental footprint. Unilever aims to lead the industry in the area of sustainability and we are fully committed to achieving and, where possible, exceeding the Five-fold Environmental Ambition targets.”

Graeme Pitkethly,
Executive Vice President & Chairman, Unilever UK & Ireland



[READ FULL CASE STUDY](#)

Mondelēz International has achieved 100% Roundtable for Sustainable Palm Oil (RSPO) coverage for its palm oil bought in 2013, two years ahead of target.

Supporting sustainable farming practices for key raw materials, such as cocoa, coffee and wheat is one of Mondelēz International's key environmental initiatives. The company achieved RSPO coverage for 100 percent of the palm oil it bought in 2013, two years ahead of its commitment.

In 2014 Mondelēz published an action plan for its approach to the palm oil supply chain to embed sustainability requirements right the way through the procurement process and commercial negotiations.

At the heart of this work is its commitment to giving priority to suppliers that meet the company's principles of sustainable sourcing. The action plan requires that its suppliers achieve 100% traceability to the mill level by the end of 2015 or lose their contracts, and they also must publish sustainable sourcing policies that meet Mondelēz principles and implementation timelines by the same date.

In addition, Mondelēz is the largest purchaser of Fairtrade cocoa and its Cocoa Life programme aims to improve the livelihoods and living conditions of more 200,000 cocoa farmers and about one million people in cocoa farming communities, through a \$400 million investment to 2020.



Mondelēz International
Cocoa Life video

“Protecting the wellbeing of our planet is a key part of our strategy at Mondelēz International. We are focussing on those areas where we can have the greatest impact. We are proud to be part of the Five-fold Environmental Ambition to help make an impact both in the UK and around the world.”

Phil Greenhough,
Managing Director, UK, Mondelēz International

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RESOURCES

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SUSTAINABLE SOURCING

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CLICK HERE TO LEARN MORE ABOUT
FDF'S SUSTAINABILITY WORK

ABOUT FDF

The Food and Drink Federation is the voice of the UK food and drink industry, the largest manufacturing sector in the country. Our sector directly employs up to 400,000 people, and as many as 1.2 million in ancillary services; it accounts for 16% of the UK's total manufacturing sector by value; and it is an invaluable partner to British agriculture, buying two thirds of what farmers produce.

Our membership comprises manufacturers of all sizes as well as trade associations dealing with specific sectors of the industry. In representing the interests of our members, we focus on the following core priorities:

- **Food Safety and Science**
- **Health and Wellbeing**
- **Sustainability**
- **Competitiveness**

Food and Drink Federation



Delivering Sustainable Growth

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