our five-fold ambition
for the environment

Making a real difference

Food and Drink
Federation

Being bold

- FDF is being bold about making a real difference for the environment
- Our members have good environmental records individually
- Today we are launching a collective and more structured approach

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Why change?

- Expert opinion on the consequences of climate change
- Support for the waste hierarchy
- Expert opinion on water stress
- Defra research showing that 87% of the external costs of food transport arise in the UK

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Collective commitment

- FDF members are collectively committing to make a significant contribution to improving the environment
- We will focus on areas where we can make the biggest difference
- No other food trade body has taken this collective approach

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Our five-fold ambition

- The 1st part of our five-fold ambition is:
  - to achieve a **20%** absolute reduction in CO_2 emissions by 2010 compared to 1990
  - to show leadership nationally and internationally by aspiring to a **30%** reduction by 2020

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Our five-fold ambition

- The 2nd part of our five-fold ambition is:
  - to seek to send **zero** food and packaging waste to landfill from 2015

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Our five-fold ambition

- The 3rd part of our five-fold ambition is:
  - to make a significant contribution to WRAP's work to achieve an **absolute reduction** in the level of packaging reaching households by 2010 compared to 2005
  - to provide more advice to consumers on how best to recycle or otherwise recover used packaging

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Our five-fold ambition

- The 4th part of our five-fold ambition is:
  - to achieve significant reductions in water use
  - to contribute to an industry-wide absolute target in the FISS to reduce water use by **20%** by 2020 compared to 2007

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Our five-fold ambition

- The 5th part of our five-fold ambition is:
  - to embed environmental standards in our transport practices to achieve fewer and friendlier food transport miles
  - to contribute to the FISS target for the food chain to reduce its external impacts by **20%** by 2012 compared to 2002

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Measurement & reporting

- FDF will:
  - measure progress
  - report annually against our ambitions

- We want to know our contribution alongside the wider efforts of the chain as a whole

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Delivering our CO_2 ambition

- FDF will work closely with the Carbon Trust and other partners to deliver our CO_2 ambition

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Case study: Tate & Lyle

- A new biomass boiler at the Thames Cane Sugar Refinery from 2009, producing renewable energy, should deliver:
  - 70% reduction in the site's CO_2 emissions, from fossil fuels
  - 120,000 tonnes less CO_2 emissions, per year, from fossil fuels

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Case study: McCain Foods

- 3 new wind turbines, producing renewable energy at the Whittlesey plant from late 2007, should deliver:
  - 60% of the site's annual electricity needs
  - 20,000 tonnes less CO_2 emissions per year

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Case study: United Biscuits

- UB reduced the weight of its packaging reaching households by 6,800 tonnes per year in 2006 compared to 2003
- Over 80% of all packaging it uses is now recyclable
- Over 90% of the cardboard it uses is recycled board

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Case study: Alara Wholefoods

- By launching its new organic muesli range in a paper bag instead of a bag-in-a-box this SME:
  - reduced its packaging reaching households by 70%, about 7 tonnes p.a.
  - saved about £9,000 in packaging costs p.a.
  - achieved a win-win

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Case study: Nestlé UK

- The services provided by FareShare enabled Nestlé UK to:
  - reduce its landfilling of surplus food by about **95%** between 2005 and 2006
  - reduce its disposal costs by 40% per pallet
  - achieve charitable good for the needy

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Case study: Greencore

- Working with Inetec's thermal treatment process has allowed Greencore to aspire to:
  - send **zero** food and packaging waste to landfill from January 2009
  - turn its waste into a resource to generate renewable energy to power homes

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Delivering our waste ambition

- FDF will:
  - work closely with WRAP, FareShare, the National Industrial Symbiosis Programme and other partners
  - press Defra, the Environment Agency and WRAP to encourage growth in waste treatment capacity

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Case study: Walkers

- Reflecting its philosophy that if you don't measure it you cannot manage it, Walkers:
  - installed around 30 water meters to measure water use per shift at its Leicestershire sites
  - developed engineering solutions to reduce water use
  - changed attitudes and behaviour by making staff passionate about water conservation
  - achieved water savings of about 700 m litres/ yr

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Case study: Cadbury

- Cadbury Trebor Bassett invested about £2m in a waste water treatment plant at its site in Chirk:
  - it produces high quality water which is used to feed boilers to raise steam
  - water use has been reduced by 15%
  - about 17m litres of water saved per year
  - £10,000 in water costs saved per year

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Delivering our water ambition

- FDF will work closely with Envirowise to develop and launch an FDF/ Envirowise Commitment on water efficiency best practice in the New Year

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Case study: Mars UK

- Mars UK is avoiding 606,000 food transport miles per year by:
  - maximising vehicle loads
  - minimising journey distances
  - strategically placing warehouses
  - adopting modal shift from road to rail

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Case study: Danone Waters UK

- Danone Waters UK is achieving fewer and friendlier food transport miles:
  - 83% of its mileage between factories and warehouses will be by rail by 2008
  - 52% of its mileage between warehouses and customers will be by rail by 2008
  - improved stock control management and strategically placed warehousing will reduce its use of road freight

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Delivering our transport ambition

- FDF will develop a checklist to systematically embed environmental standards in members' food transport practices
- We will ask our third party road hauliers to publish a fewer and friendlier miles manifesto & to report annually
- We will work closely with IGD's Efficient Consumer Response programme to achieve greater transport collaboration

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Being bold

- Today FDF is being bold about making a real difference for the environment
- We are launching a collective approach, to build on past successes in a structured way

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FDF's five-fold ambition

- Significantly reduced CO_2 emissions
- Zero food and packaging waste to landfill
- Reduced levels of packaging reaching households & more advice to consumers
- Significantly reduced water use
- Fewer and friendlier food transport miles

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