

Making an impact in Lancashire

£37m

Business cost
savings to date

204,700

Tonnes of CO₂e
savings to date

1,559

Local jobs saved
and created

£91.1m

Sales safeguarded
and won

2,241

Local businesses
assisted



ENWORKS

GROUNDWORK
PENNINE LANCASHIRE

The ENWORKS partnership is a unique, internationally recognised, environmental business support service, working with businesses in Lancashire and across the North West since 2001.

ENWORKS works in partnership with specialist advisers at the Lancashire Business Environment Association, based at environmental charity, Groundwork Pennine Lancashire. Together, we help hundreds of businesses across Lancashire every year.

Our hands-on support helps businesses to turn environmental risks into opportunities and to grow and thrive, by:

Cutting costs

Boosting productivity

Improving profitability

Creating and safeguarding jobs

Retaining sales

Winning new contracts

We offer businesses free, on-site reviews to identify opportunities for improving resource efficiency, along with ongoing practical help with implementation, tailored information services, and a range of training and networking events.

We also help businesses to use the ENWORKS Online Resource Efficiency Toolkit. This bespoke software allows them to prioritise and manage their improvement actions and to report on the resulting cost and resource savings in real time.

Our focus is firmly on improving resource efficiency – making more with less – but we also address pertinent issues such as: corporate responsibility, environmental risk management, legal compliance, carbon footprinting, climate change adaptation, greening supply chains, sustainable procurement and energy security.

It's not rocket science

Better resource efficiency means a healthier balance sheet. In times of economic uncertainty it is particularly crucial for business survival.

Low-cost measures to increase productivity, cut costs and boost jobs and sales can be a lifeline to businesses and organisations, addressing the fundamental issues of:

Risk

Reward

Reputation

The market failure associated with improving environmental performance means businesses often lose out on financial and reputational rewards by failing to take action. Instead they become increasingly vulnerable to environmental risks.

A survey commissioned by the NWDA in 2009 revealed that, without support, just 20% of North West businesses said they hoped to improve their resource efficiency in the following 12 months. Most were only looking at low impact initiatives and it is unlikely that all of those were implemented.

Left alone, most local businesses will fail to take effective action, even if they know they should. Simple, low-cost efficiency improvements can make a major difference to future prosperity at a local level and help to meet national and international climate change obligations.

“What impresses me most about projects such as ENWORKS is they truly are becoming the change that’s needed in the world.”

AI Gore, former US Vice President



2,241

Local businesses assisted

ENWORKS has already helped 2,241 businesses in Lancashire to reduce their costs and environmental risks, and to reap the benefits of improved environmental performance.



£7.4m

Investment in Lancashire

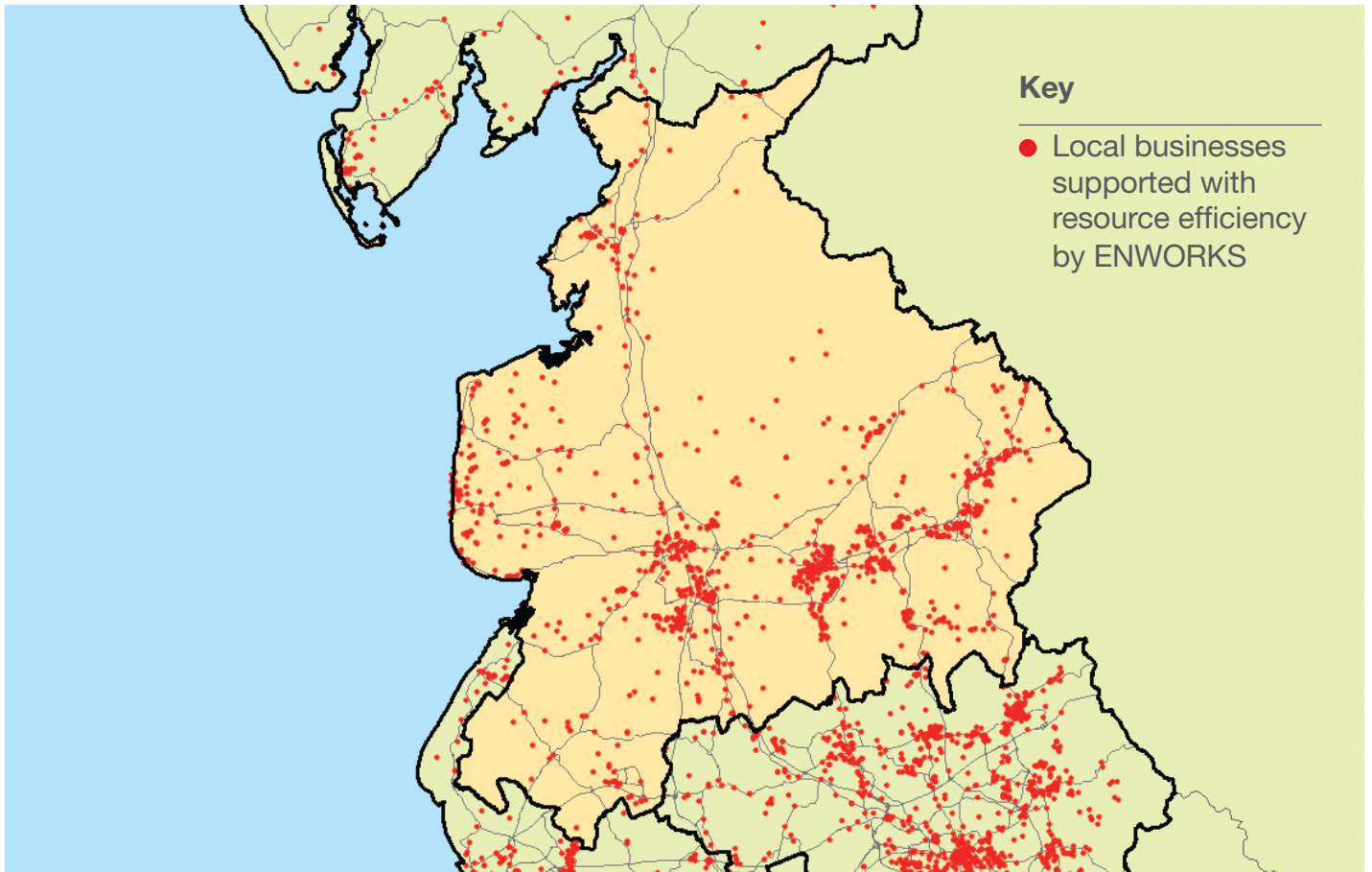
Since 2001, £7.4 million has been invested in Lancashire businesses through the ENWORKS partnership, primarily by the NWDA and ERDF.



£37m

Business cost savings per year

We have funding secured until March 2013 and are continuing to invest in Lancashire to help its businesses realise millions of pounds of further cost savings.



“We were one of only six companies to win a government contract worth £150 million per annum. Without the support of Groundwork Pennine Lancashire and ENWORKS this would not have happened and there could have been disastrous consequences for us and for our local supply chain.”

Paul Clarke, commercial director at Senator International Ltd, Accrington

“Without the help of Groundwork Pennine Lancashire and the ENWORKS programme we would not have made the progress we have; nor would we have been able to secure the future of our employees’ contracts or the new business we have acquired in this difficult economic climate.”

Katrina Wallbank, director of T Forrest & Sons Ltd, Hoghton

ENWORKS is already helping local businesses in **Lancashire** to achieve amazing things, and we have plans to do much more...

£8.8 million



Private investment leveraged

- We help local businesses of all sizes to make smart investments.
- We've already helped 395 businesses to invest £8.8 million, to generate annually recurring cost savings of £37 million.
- We've also identified £27.6 million of fresh investment opportunities, with an average payback of just 15 months.

1,559



Local jobs saved and created

- We have a proven ability to drive job security and local job creation.
- We treat the environment as a business opportunity and we're playing a key role in shaping the future employment outlook of local areas.
- We've so far helped Lancashire businesses to safeguard 1,287 jobs and to create 272 more.

£91.1 million



Sales safeguarded and won

- We make environmental improvements that give local companies a real competitive advantage.
- We support local businesses to meet their supply chain needs, to retain contracts, and to access new markets.
- We've already helped companies in Lancashire to safeguard sales of £67.7 million and to win contracts worth £23.4 million more.

584



Adults trained

- We facilitate knowledge and skills transfer to ensure that environmental improvements in local businesses are sustainable in the long term.
 - We run regular training and networking events throughout the year, tailored to clients' needs.
 - Our workshops and courses cover a wide range of topics, including risk management, regulations, process efficiency and driving cultural change.
-

“ENWORKS is one hell of a story! This is the sort of stuff that makes me feel amazingly inspired. It is the stuff of incremental impact reduction, in a way that’s delivering real value for wealth creators, for shareholders, for businesses, for communities and for the environment. It is a tremendous achievement.”

Sir Jonathon Porritt CBE, co-founder of Forum for the Future

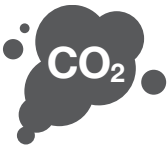
£33.2 million



Business cost savings per year

- We help local businesses to boost their bottom line.
- We’ve achieved £12 million of annual cost savings (including 59 % at zero capital cost) and we have another £21.2 million in the pipeline.
- From these achieved annual savings we’ve already accrued £37 million of cumulative cost savings to date, in Lancashire businesses.

214,000 tonnes



CO₂e savings per year

- We’re specialists at helping businesses to reduce their carbon footprints.
- We’ve achieved 50,000 tonnes of annual savings in Lancashire businesses and we have another 164,000 tonnes in the pipeline.
- From these we’ve already accrued 204,700 tonnes of cumulative savings to date, which is equivalent to the amount you would emit by driving a Hummer from Lancaster to the moon, 1,580 times.

1 million m³



Water savings per year

- We help businesses to protect precious natural resources by reducing water consumption in products, processes and facilities.
- We’ve achieved 628,100 m³ of annual savings in Lancashire businesses and we have another 414,400 m³ in the pipeline.
- From these we’ve already accrued 1.2 million m³ of cumulative savings to date; which is equivalent to filling over 500 Olympic swimming pools.

587,600 tonnes



Material savings per year

- We take a fresh look at how materials are procured and used, to help businesses to make more with less.
- We’ve achieved 142,000 tonnes of annual savings in Lancashire and we have another 445,600 tonnes in the pipeline.
- From these we’ve already accrued 656,800 tonnes of cumulative savings to date; enough to build more than 250 Blackpool Towers.

64,500 tonnes



Waste diverted from landfill per year

- We help businesses to increase their re-use, recycling and recovery rates, by treating residual waste as a fresh resource or income stream.
- We’ve achieved 12,600 tonnes of annual savings in Lancashire businesses and we have another 51,900 tonnes in the pipeline.
- From these we’ve already accrued 37,100 tonnes of cumulative savings to date; the weight of about 5,300 African elephant bulls.

Case Studies

Learoyd Packaging Ltd

Total annual cost savings:
£287,900 pa

Established in 1976, Burnley-based Learoyd Packaging is a specialist manufacturer of printed micro-films and packaging. Its high-profile clients demand robust sustainability credentials and its strong environmental performance has been key to accessing new markets in the security, textiles, personal care and food and drink sectors.

Thanks to ongoing support from Groundwork Pennine Lancashire an energy management system has been implemented to control warehouse temperatures and heat loss, reducing gas and electricity bills by £104,300 a year. Water efficiency has also been tackled by fitting a closed loop system to re-circulate water for re-use, and push taps to washbasins to reduce wastage, saving over £23,300 a year.



Finance director,
Ray Harrison, said:

“We are continually striving to both reduce cost and increase efficiency, as we operate in a very competitive market with extremely tight margins.

“The implementation of resource efficiencies in various areas of our business has delivered both cost savings and greater productivity.”

Hazardous waste has been minimised by improving the distillation of used solvents and recovering valuable raw materials for re-use, saving a further £1,300 a year. Other waste management initiatives, bringing £80,700 of annual savings, have included installing balers and recycling receptacles, switching waste contractors, and improving recycling rates for plastic trim, cardboard and paper.

As a result, Learoyd Packaging is benefiting from annual savings of over £209,600 and opportunities have already been identified to save a further £78,300 a year.

In total, the identified and achieved cost savings come with annual CO₂e savings of 1,500 tonnes, over 9,900 m³ of water savings, and 330 tonnes of waste diverted from landfill each year.

Camfil Farr Ltd

Total annual cost savings:
£271,900 pa

Camfil Farr in Rossendale is a developer and manufacturer of low energy air filtration and clean air systems for a range of industries, including the pharmaceutical and automotive sectors. Its Lancashire site – one of 22 production plants worldwide – has been supported by ENWORKS through advisers at Groundwork Pennine Lancashire.

Replacing inefficient lighting and removing excess lamps from wire welding machinery has helped the company to reduce its annual electricity bills by over £45,700. Gas bills have also been reduced by £5,600 each year by optimising heating systems throughout the plant. Further energy savings of £10,000 a year have been made by identifying and repairing leaks in the site's compressed air system.



Safety, health,
environment and
quality advisor,
Brian Haslam, said:

“The help Groundwork Pennine Lancashire provides through the ENWORKS programme has been invaluable.”

Additional technical improvements such as repairing inefficient equipment, adjusting speed settings on machinery, reducing the amount of raw materials ordered, purchasing more efficient tools, installing low-cost insulation and re-using packaging have brought further annual savings of over £68,900.

Since 2008 the company has invested in a fleet of new, fuel efficient vans with ‘eco start’ technology, as part of its normal upgrade cycle and at no additional cost. Delivery drivers

have also undertaken fuel efficiency training and the combined initiatives are saving the business £31,800 a year on fuel.

Camfil Farr has achieved annual cost savings of £162,000 and work is ongoing to realise opportunities to save another £109,900 a year. The achieved and identified savings come with annual environmental savings of 950 tonnes of CO₂e, 27,600 litres of fuel and 18 tonnes of materials a year, whilst diverting 30 tonnes of waste from landfill per year.

Green leadership

BusinessGreen Leaders Awards –
NGO of the Year, 2011

UK IT Industry Awards –
Environmental Project of the Year
medallist, 2011

**North of England
Excellence Awards –**
Sustainability Award, 2011

**Ashden Awards for
Sustainable Energy –**
Ashden Award for Energy
Efficiency, 2007

Regeneration and Renewal Awards –
Economic Development Project
of the Year, 2007

ENWORKS is leading the way in delivering value-for-money environmental business support. Over the years we have been recognised as best practice in our field by a number of prestigious bodies:

European Commission –
Best Practice Principles of
Sustainable Development, 2005

Success Northwest Awards –
Exceptional Contribution to
Environmental Excellence, 2005

**Regeneration Excellence in
England's Northwest Awards –**
Exemplar Status for Regeneration
Good Practice, 2005

European Social Fund –
Merit Award for Sustainable
Development, 2005

Learning Northwest Awards –
Outstanding Workforce
Development Campaign, 2002

ENWORKS has already influenced local and national environmental policy. We regularly contribute data, learning and experience to high profile reports and research projects, for bodies such as BIS, DECC and Defra.

Our most recent independent evaluation reveals that we have outperformed all other regional programmes of this kind for cost-effectiveness, and achieved better overall value for money than the aggregate data from all the national environmental programmes.

A lasting impact

ENWORKS is supporting businesses in Lancashire and across the North West with the transition towards a vibrant, sustainable and low carbon economy for the future.

On average, for every business we have supported with resource reduction or waste management, we have achieved savings to date of:

£65,700 in cost savings

312 tonnes of CO₂e

460,100 kWh of electricity/gas

3,400 m³ of water

11,800 tonnes of materials

**175 tonnes of waste diverted
from landfill**

Over the last 10 years ENWORKS has helped businesses in the North West of England to achieve cumulative savings to date of:

£105 million in business costs

500,200 tonnes of CO₂e

743.6 million kWh electricity/gas

5.5 million m³ of water

18.4 million tonnes of materials

**285,200 tonnes of waste
diverted from landfill**

We have also safeguarded and created 7,490 jobs, and safeguarded and won sales worth £231.4 million.

ENWORKS is helping the UK to meet its Climate Change Act targets, and to reduce pressures on scarce resources and local waste collection and disposal services.

We are all being challenged to demonstrate value for money, reduce our carbon dependency, create jobs for the future and increase private sector investment in sustainable development.

At a local level, ENWORKS delivers a tried and tested model of support in Lancashire that works for individual companies across all sectors, with tangible, timely and measurable results that speak for themselves.

“Being able to show evidence of our environmental credentials has undoubtedly helped us to retain valuable contracts. Contracts with two Danish clients who value environmental performance has resulted in safeguarded sales of approximately £2.4m and has safeguarded 12 production jobs.”

**Ian Rawcliffe, technical manager
at Pincroft Dyeing & Printing Ltd, Chorley**

“We have implemented all of Groundwork Pennine Lancashire’s recommendations, as part of the ENWORKS programme, and we are saving a fortune.”

**Trevor Hogg, special projects manager
at Promat UK, Blackburn**

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