

Making an impact in the Liverpool City Region

£18.5m

Business cost savings per year

109,000

Tonnes of CO₂e savings per year

556

Local jobs saved and created

£22.2m

Sales safeguarded and won

1,605

Local businesses assisted



ENWORKS



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

We work in partnership with specialist advisers at environmental charity, Groundwork Merseyside, to help hundreds of businesses across the Liverpool City Region 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 free on-site reviews with practical advice and ongoing assistance, tailored information services and networking and learning events. We also help businesses to use our bespoke software, the ENWORKS Online Resource Efficiency Toolkit, to prioritise and manage improvements, and report on the resulting savings in real time.

Our focus is firmly on improving resource efficiency – using less to make more – but we also address issues such as corporate responsibility, environmental risk management, legal compliance, climate change adaptation, 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

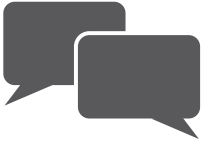
The market failure associated with improving environmental performance means businesses often lose out on financial and reputational rewards by failing to take action. Instead they become increasingly vulnerable to environmental risks.

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.”

Al Gore, former US Vice President



1,605

Local businesses assisted

ENWORKS has already helped 1,605 businesses in the Liverpool City Region to reduce their costs and environmental risks, and to reap the benefits of improved environmental performance.



£11.5m

Investment in the Liverpool City Region

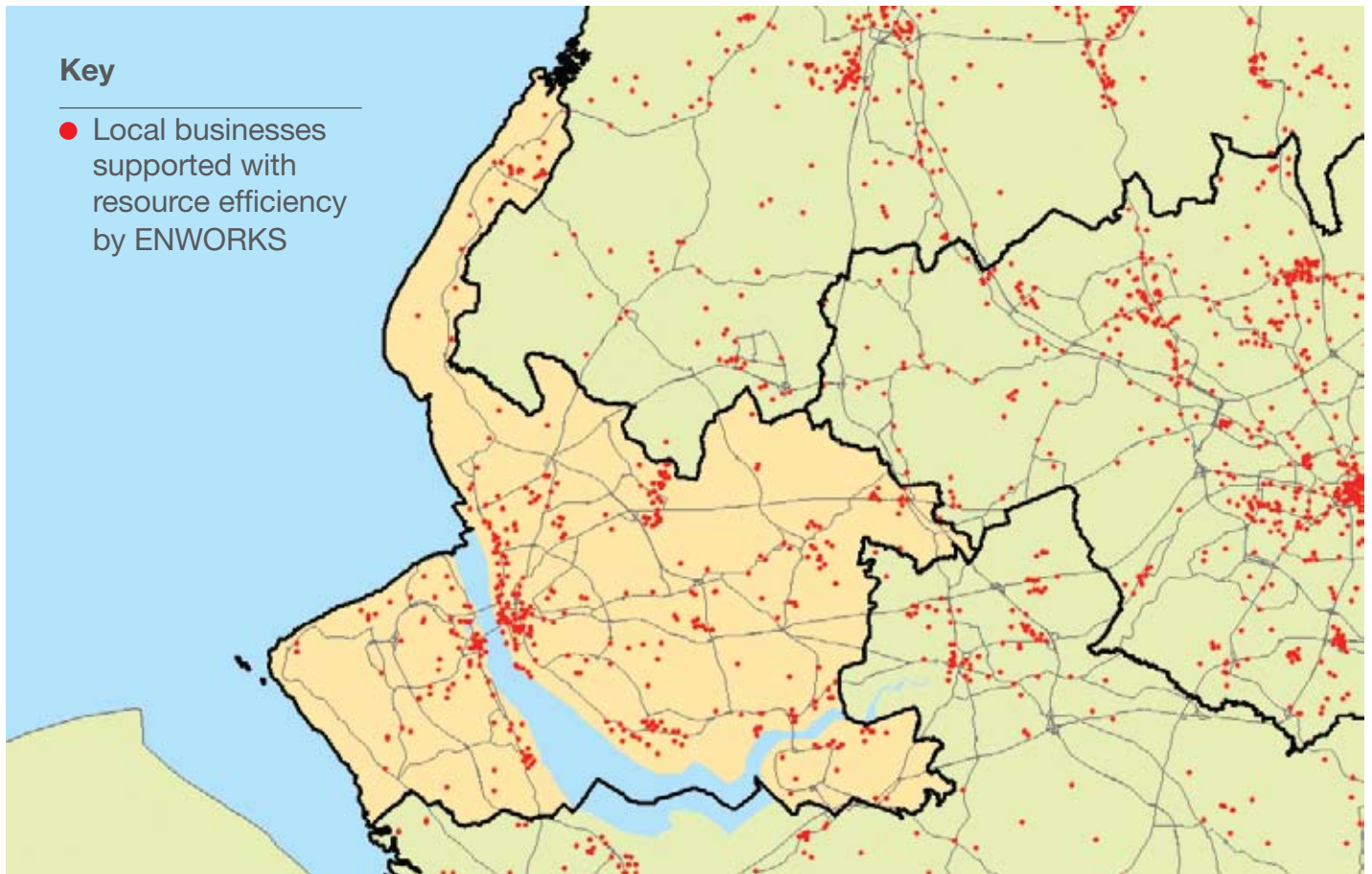
Since 2001, £11.5 million has been invested in Liverpool City Region businesses through the ENWORKS partnership, primarily by the NWDA and ERDF.



£18.5m

Business cost savings per year

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



“Groundwork Merseyside, through the ENWORKS programme, helped us to access a grant of £200,000 to buy a more efficient printing press. With that we’ve been able to create 10 new jobs and without the support of ENWORKS none of this would have been possible.”

Alan Steen, production director at ASP Packaging Ltd manufacturers, Haydock

“The ENWORKS support from Groundwork Merseyside was excellent. Our adviser was very supportive and helpful and I highly recommend this service to others.”

Kenny O’Brien, centre manager at Litherland Youth Centre, Litherland

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

£21.4 million



Private investment leveraged

We help businesses to make smart investments. We've already helped local companies to invest £1.6m in environmental improvements, which is saving £2.8m every year, and we've identified another £19.8m of investment opportunities to generate annual savings of £15.7m.

556



Local jobs saved and created

We have a proven ability to drive job creation. We treat the environment as a business opportunity and are playing a key role in shaping Liverpool City Region's future employment outlook. We've already helped to create 177 new local jobs and to safeguard a further 379.

£22.2 million



Sales safeguarded and won

We make environmental improvements to give local companies a competitive advantage. We support them to meet supply chain needs, retain contracts and access new markets. So far we've helped to retain £7m of local sales and to secure new contracts worth £15.2m.

536



Adults trained

We facilitate knowledge and skills transfer to make our support sustainable in the long term. We host up to 40 training events a year in the North West, tailored to different businesses and circumstances, helping with risk identification, efficiency improvements 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

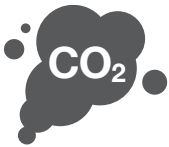
£18.5 million



Business cost savings per year

Our support helps businesses to boost their bottom line. We have achieved £2.8m of annual cost savings for local businesses. These are accruing each year, with £5.1m saved to date, and we’re already working on another £15.7m of identified savings.

109,000 tonnes



CO₂e savings per year

We’re specialists at reducing carbon footprints. We’ve reduced CO₂e emissions from local businesses by 11,000t a year - like driving from Liverpool to Los Angeles, over 8,600 times. This adds up to 26,000t saved to date and we’re busy with another 98,000t of annual savings.

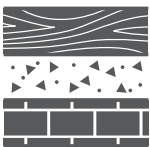
580,000 m³



Water savings per year

We help local businesses to protect precious natural resources. By reducing water usage in products, processes and facilities we’ve achieved savings of 75,000m³ a year – enough to fill 30 Olympic-sized swimming pools – and we’re working on further annual savings of 505,000m³.

140,000 tonnes



Material savings per year

We take a fresh look at how materials are used. We’ve helped local businesses with annual savings of 6,000t (or two whole Blackpool Towers) by reducing usage and reviewing procurement, and we’re tackling extra savings of 134,000t a year that we’ve already identified.

110,000 tonnes



Waste diverted from landfill per year

We help local companies to cut out waste streams and treat residual waste as a new resource or income stream. We’re saving 9,000t per year from landfill through re-use, recycling and recovery – that’s the weight of 1,285 African elephants – and we’re busy with 101,000t a year more.

Case Studies

Abbey Roadtanks

Total cost savings: £645,400 pa

Food haulage company, Abbey Roadtanks Ltd, is based in Bootle, Liverpool. It has one of the largest, privately owned tanker fleets in the UK, including foodstuff tankers, heated chocolate tankers and refrigerated trailers. Specialist tanker washing facilities ensure the highest standards of food hygiene.

After an on-site review by Groundwork Merseyside, skylights have been fitted to allow more natural light into the depot and reduce the need for artificial lighting. Pipes and tanks have also been insulated to reduce heat loss. Together with a workforce energy awareness campaign, these measures have achieved energy savings of £12,800 a year.

Wash bays have been modified so that warm waste water previously discharged as effluent is now



Managing director, Steve Lucy, said:

“We would like to thank the team at Groundwork Merseyside for their valued insight and support.”

channelled back to heat the fresh, incoming mains water. This has reduced the amount of energy and water used to clean the tankers. Staff have been trained in using water efficiently and the combined initiatives have achieved additional annual savings of £18,800.

Drivers have also undergone training in driving efficiently. Their capped speed limit has been lowered and paid incentives have been introduced to encourage greater fuel efficiency.

This has significantly reduced the fleet's CO₂e and saved £610,000 a year on fuel oil and diesel.

Annual savings to date have reached £641,600 and opportunities have been identified to save a further £3,800 a year through localised heating systems in the workshop and rainwater harvesting. The total cost savings come with annual savings of 1,700 tonnes of CO₂e, 653,200 litres of fuel and over 10,300 m³ of water.

KME Yorkshire Copper Tube

Total cost savings: £136,500 pa

Kirkby-based copper tube manufacturer, Yorkshire Copper Tube Ltd, is part of the KME Group, the largest producer of industrial copper and copper alloy products in Europe. It has been working with Groundwork Merseyside since 2005.

Efficiency initiatives have included switching off transformers when not in use, reducing factory air pressure and fitting variable speed drives to the master air compressor to save energy. This has achieved annual energy savings of £44,200. Further savings of £34,500 a year have been made by fitting low-energy light bulbs, and installing heating timer controls and high-speed roller doors to reduce heat loss.

Waste management initiatives have brought annual savings of £35,000. These have included reducing the amount of hazardous waste being



Facilities manager, Alan Ogilvie, said:

“We have benefited from Groundwork Merseyside's advice, support and funding for six years now, through the ENWORKS programme.

“The results are clearly reflected in the improvements and savings we have made in energy reduction and waste management and we look forward to continuing this productive partnership.”

produced and segregating waste to recycle materials such as waste paper, copper cable, copper 'dust' and left-over tubing.

Fresh opportunities to make annual savings of £17,400 are now being tackled, such as reducing the amount of lubricating oils being contaminated and sent to waste, de-contaminating waste oil and streamlining waste management procedures.

Recycling wood and cardboard could save another £5,400 a year.

Altogether, these actions have resulted in annual savings of £113,700 and scope has been identified to save another £22,800 a year. The total cost savings come with annual environmental savings of 449 tonnes of CO₂e, 36 tonnes of materials and 322 tonnes of waste diverted from landfill per year.

Green leadership

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 Environmental Support Network, 2009

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

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

SustainIT Awards – Climate Change and Environmental Efficiency, 2006

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 shows that we are out-performing all regional programmes of this nature, with the lowest cost per unit of increased sales and cost savings in business in the UK. We also achieve better overall value for money than the aggregate data from all key national environmental programmes.

A lasting impact

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

From every £100 invested in ENWORKS we create annually recurring savings in North West businesses of:

£1,200 in costs

8 tonnes of CO₂e

55 m³ of water

30 tonnes of materials

7 tonnes of waste diverted from landfill

£800 of sales safeguarded

£136 of new sales won

Across the North West, ENWORKS is helping to generate total annual savings of over:

£120 million in business costs

669,000 tonnes of CO₂e

4.6 million m³ of water

3 million tonnes of materials

380,000 tonnes of waste diverted from landfill

We have already created and safeguarded 7,376 jobs, and increased and safeguarded sales worth £213 million.

And that is just the beginning. There is so much more that can be done...

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 the Liverpool City Region that works for individual companies across all sectors, with tangible, timely and measurable results that speak for themselves.

“We were up against time to submit a tender and we approached Groundwork Merseyside for support with carbon reduction. Although they were busy, they came out right away. The service was excellent. We received a report sooner than expected and we’ve already acted on recommendations for lighting and heating.”

Sharon Clarke, director of Bootle Glass, Bootle

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