

Making an impact in Cheshire and Warrington

£7.6m

Business cost savings to date

38,700

Tonnes of CO₂e savings to date

795

Local jobs saved and created

£5.8m

Sales safeguarded and won

1,403

Local businesses assisted



ENWORKS



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

ENWORKS works in partnership with specialist advisers at environmental charity, Groundwork Cheshire, to help hundreds of businesses in Cheshire and Warrington 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 and sustainable procurement.

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

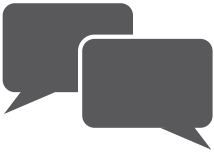
The market failure associated with improving environmental performance means businesses often lose out on financial and reputational rewards by failing to take action. Instead they become increasingly vulnerable to environmental risks.

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



1,403

Local businesses assisted

ENWORKS has already helped 1,403 local businesses to reduce their costs and environmental risks, and to reap the benefits of improved environmental performance.



£5.3m

Investment in local businesses

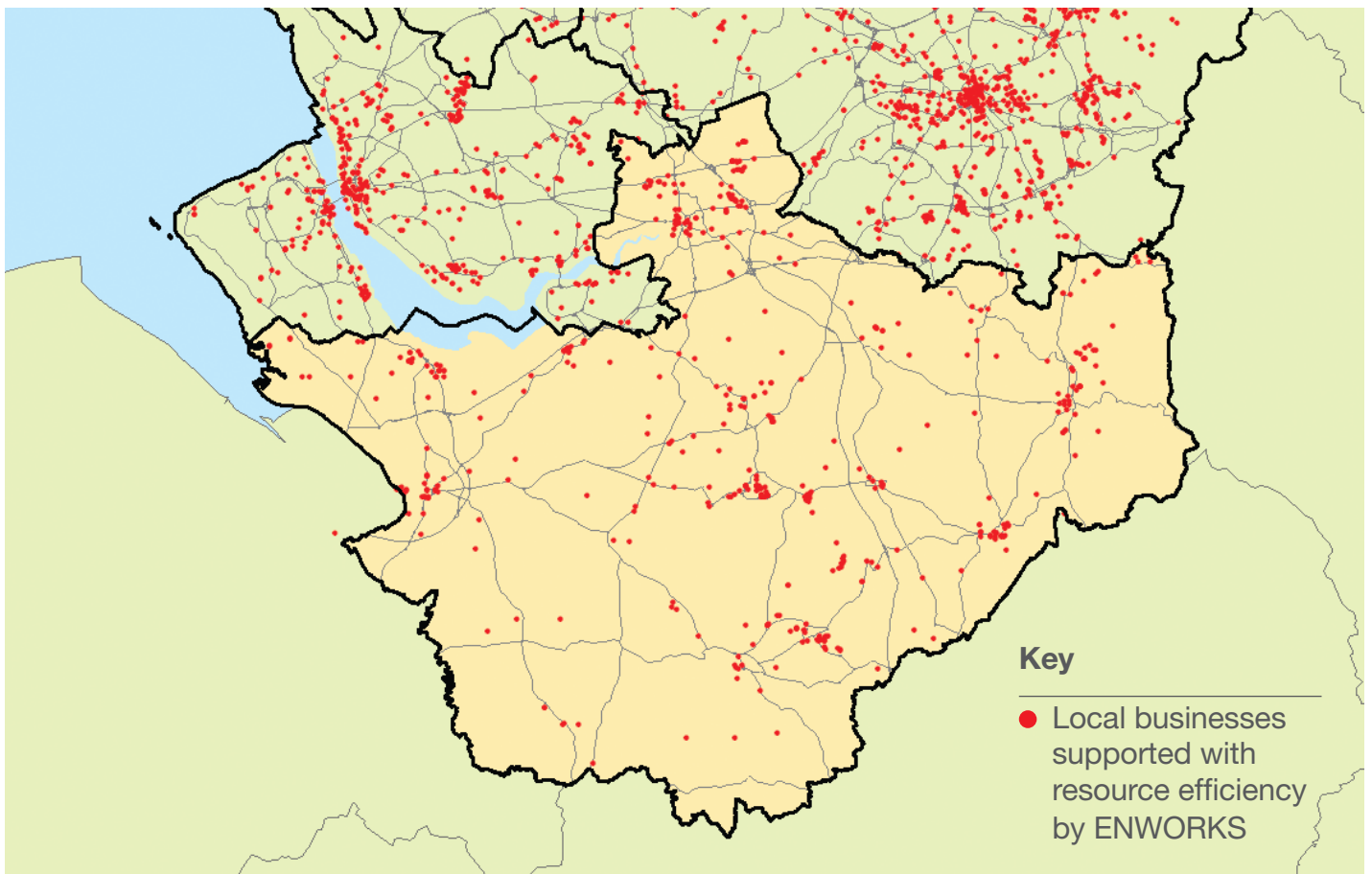
Since 2001, £5.3 million has been invested in Cheshire and Warrington businesses through ENWORKS, primarily by the NWDA and ERDF.



£7.6m

Business cost savings to date

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



“By implementing no-cost and low-cost water saving measures outlined by Groundwork Cheshire we cut our annual usage by 43% and saved over £15,000 in the first year alone. It’s a great working partnership and I hope more and more businesses get involved with ENWORKS. It makes so much sense.”

Steve Holland, group quality manager at 20:20 Mobile Group, Crewe

“With support from Groundwork Cheshire we’ve achieved savings of £8,600 a year through low energy lighting, water saving devices, and closer monitoring of energy. Their advice has been tremendously valuable to us in a short time.”

Paul Heath, maintenance, health and safety manager at Alvaston Hall, Nantwich

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

£2 million



Private investment leveraged

- We help local businesses of all sizes to make smart investments.
- We've already helped local businesses to invest £2 million, to generate annually recurring cost savings of £2.4 million.
- We've also identified £38.1 million of fresh investment opportunities, with an average payback of less than two years.

795



Jobs safeguarded 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 Cheshire and Warrington businesses to safeguard 613 jobs and to create 182 more.

£5.8 million



Sales safeguarded and increased

- 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 local companies to safeguard sales of £3.5 million and to win contracts worth £2.3 million more.

345



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

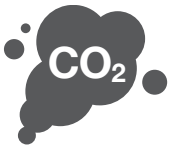
£23.3 million



Business cost savings per year

- We help local businesses to boost their bottom line.
- We’ve achieved £2.4 million of annual cost savings (including 63% at zero capital cost) and we have another £20.9 million in the pipeline.
- From these achieved annual savings we’ve already accrued £7.6 million of cumulative cost savings to date in Cheshire and Warrington businesses.

146,100 tonnes



CO₂e savings per year

- We’re specialists at helping businesses to reduce their carbon footprints.
- We’ve achieved 10,800 tonnes of annual savings in local businesses and we have another 135,300 tonnes in the pipeline.
- From these we’ve already accrued 38,700 tonnes of cumulative savings to date, which is equivalent to the amount you would emit by driving a Hummer from Chester to the moon, 299 times.

464,700 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 42,500 m³ of annual savings in local businesses and we have another 422,200 m³ in the pipeline.
- From these we’ve already accrued 137,600 m³ of cumulative savings to date, which is equivalent to filling more than 55 Olympic swimming pools.

13,200 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 2,700 tonnes of annual savings in Cheshire and Warrington and we have another 10,500 tonnes in the pipeline.
- From these we’ve already accrued 14,200 tonnes of cumulative savings to date, enough to build more than five Blackpool Towers.

7,000 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 2,700 tonnes of annual savings in local businesses and we have another 4,300 tonnes in the pipeline.
- From these we’ve already accrued 5,700 tonnes of cumulative savings to date, the weight of about 820 African elephant bulls.

Case Studies

CHK plc

Total cost savings: £38,100 pa

CHK in Crewe manufactures bespoke, heavy steel components for use in articulated vehicles and agricultural machinery. It has been working with Groundwork Cheshire on ways to improve resource efficiency.

Initiatives have included re-scheduling production runs to minimise the operating time of the large oven in its paint curing and degreasing plant. This has had no detrimental impact on end-to-end manufacturing times, required no capital cost, and saved £14,000 a year in electricity.

Further energy savings of £300 a year have been made by surveying for leaks in the compressed air system. The £250 cost of fixing the leaks paid back in six months and the annual savings are now accruing, year-on-year. Reducing compressed air pressure by one bar, supplying cooler



air to the compressor inlets and installing valves to eliminate leakage could save another £660 a year.

CHK is now looking into further improvements, such as optimising the way steel plate and welding gas are used in production, to make annual savings of £17,300, and fitting low-energy lighting to save £290 a year.

CHK is already benefiting from savings of over £14,300 a year, with £17,600 accrued to date. Ongoing work to implement recommendations could save a further £23,800 a year.

In total, the identified and achieved cost savings come with environmental savings of 205 tonnes of CO₂e and 35 tonnes of materials per year.

Managing director, Alan Pinkney, said:

“ENWORKS has helped us to improve our profitability during some very tough times.

“Our adviser has provided us with solid, practical advice and support. Businesses have everything to gain by getting involved with Groundwork Cheshire.”

Protocol Skills

Total cost savings: £7,100 pa

The Ellesmere Port headquarters of Protocol Skills, a national vocational training provider, has 75 staff on site. It has made an immediate impact on its bottom line thanks to support from an ENWORKS adviser from Groundwork Cheshire.

Initiatives have included reducing the standard boiler setting by 2.5°C, saving £1,600 a year in gas bills. After a survey showed that 20% of power consumption was happening while the offices were shut, an overnight and weekends ‘switch off’ regime was also put in place for all office equipment, saving £1,000 a year on electricity.

Water saving devices fitted to urinals and toilet cisterns have saved £310 a year in mains water bills. The company has also implemented a teleconferencing policy to minimise unnecessary business mileage, and boosted its existing ‘Hate Waste’



campaign by sourcing a new waste contractor and starting to recycle paper and card.

A lighting ‘switch off’ campaign has been launched and low-energy light bulbs are being fitted, to save £1,800 annually. An energy monitoring survey and waste management review could help it to save another £2,200 a year.

Protocol Skills has achieved annual savings of over £2,900 at no capital cost and work is ongoing to realise another £4,200 per year.

The identified and achieved cost savings come with annual environmental savings of 42 tonnes of CO₂e, 190 m³ of water and eight tonnes of waste diverted from landfill.

Property coordinator, Nick Biglowe, said:

“Other companies are missing out. A lot of people don’t realise how some really simple changes can make a huge difference. There’s no catch with Groundworks Cheshire – everyone benefits.

“It’s not just cost savings; knowing that we’re making a contribution to the company’s environmental performance is great for morale and our customers are impressed too.”

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:

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

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 Cheshire and Warrington and across the North West, with the transition towards a vibrant, sustainable and low carbon economy for the future.

On average, for every business ENWORKS has 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 of 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 Cheshire and Warrington that works for individual companies across all sectors, with tangible, timely and measurable results that speak for themselves.

“Working with Groundwork Cheshire enabled us to safeguard 12 full-time positions and to achieve a staggering £834,000 of increased sales as the result of an ENWORKS resource efficiency review. It has made a real difference to our business and companies are missing out if they do not engage with this support.”

**Yvonne Burrows, assistant manager
at Maywood Contractors, Sandbach**

Contacts

Groundwork Cheshire

Greville Kelly

Director of Sustainable Business

T: 01606 723 175

E: greville.kelly@groundwork.org.uk

[www.northwest.groundwork.org.uk/
cheshire](http://www.northwest.groundwork.org.uk/cheshire)

ENWORKS

Samantha Nicholson

Programmes Director

T: 0161 245 4764

E: samantha@enworks.com

www.enworks.com



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