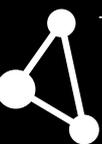


www.nisp.org.uk



NISP MEANS BUSINESS

NISP  TM
NATIONAL INDUSTRIAL SYMBIOSIS PROGRAMME

NISP MEANS BUSINESS

The UK is home to the world's leading industrial symbiosis (IS) programme – NISP. Its success demonstrates that IS has the potential to significantly reduce industrial and commercial waste and comprehensively lessen the adverse environmental impacts of business.

NISP is a business opportunity programme which helps its member companies become more profitable whilst also contributing towards improving the environment and society as a whole. The programme uses actual business opportunity as the mechanism for encouraging resource efficiency and its holistic approach sees it actively dealing with ALL resources including water, energy, materials, logistics, assets, expertise etc.

CONNECTING INDUSTRY – CREATING OPPORTUNITY

NISP brings together companies from across all commercial sectors in what can almost be described as a corporate matchmaking service. Using its extensive network and 12 regional teams of IS practitioners, NISP matches the resource or waste of one company with the needs of others.

BUSINESS LED APPROACH

NISP is unique in that it is a business-led programme, responding directly to the needs of business, whatever sector that may be. It is delivered via 9 regional centres in England which are funded through Defra's Business Resource Efficiency and Waste (BREW) Programme.

Membership of NISP is FREE, regardless of size or turnover. 8,000 companies are already working with the programme. These include companies such as Shell UK and Lafarge Cement, as well as entrepreneurs and SMEs (which make up over 80% of NISP's membership).

NISP CONTRIBUTES TO...

BOTTOM LINE, ECONOMY, ENVIRONMENT AND SOCIETY

NISP is working with 8,000 companies of all size and sector. Since April 2005 BREW funding has enabled NISP to make the following achievements in England:

- Generate £100 million NEW industry sales
- Save UK industry over £70 million
- Attract £66 million in private investment for reprocessing and recycling
- Divert 1.7 million tonnes of waste from landfill
- Eliminate 285,000 tonnes hazardous waste
- Reduce CO₂ emissions by 2 million tonnes
- Save 4.5 million tonnes of virgin materials
- Reduce industrial water use by 2.5 million tonnes
- Create and safeguarded 1200 jobs
- Assist 15 new business start ups

All figures have been verified independently.

VALUE FOR MONEY

The programme's excellent achievements demonstrate a significant return on investment.

Industry benefit realised

£1 new income generated for industry
£1 saved by UK industry
1 tonne of virgin material saved
1 tonne of water saved
1 tonne of CO₂ reduced
1 tonne waste diverted from landfill
1 tonne of Carbon reduced
1 tonne of hazardous waste eliminated

NISP input required

1.6 pence
2.5 pence
29 pence
61 pence
64 pence
72 pence
£2.30
£4.47

Figures are based on £9 million investment since April 2005 and relate to outputs in England. All figures have been verified independently.

OUR PARTNERS

A fundamental part of industrial symbiosis is collaboration. As such NISP has established key working relationships with the Environment Agency, Local Government, the DTI funded Resource Efficiency Knowledge Transfer Network and regional development agencies.

Working together with the Local Government Association and Oxfordshire County Council, NISP is leading a best practice Centre for Local Authorities which is also funded through the BREW programme. The centre highlights resource and waste management best practice specifically for local authorities.

CASE STUDY – A MIX OF BENEFITS FOR NEW DEVELOPMENT

NISP London members Keanes Environmental and St James Homes (Thames Water & Berkeley Group holdings JV) are already reaping the rewards of their involvement in NISP. Keanes Environmental's Trenchmod® process takes clay based spoil material from excavations and recycles it through a unique mixing process so the material can be re-used as an alternative to sub-base, rather than be sent to landfill.

This material is being used at St James Homes Innova Park development, a 9.3 acre former water treatment site in Enfield, North London, which is being transformed into a much needed residential development, consisting of 469 houses and flats. Keanes was commissioned to process 30,000 tonnes of the excavated material on site into Trenchmod® to be utilised as sub-base in roads, footpaths, cycle tracks and verges on this high profile housing development.

This collaboration not only diverted 30,000 tonnes of material from landfill and reduced CO₂ emissions, it also saved St James Homes approximately £1.2 million and generated £900,000 in new sales for Keanes.

Keanes Environmental recognise that being a member of NISP London provides them with a unique commercial development opportunity and generates overall awareness in the sector of the Trenchmod® technology. The company is working closely with the NISP team to explore further national opportunities and have recently completed a trial for US property developer Liberty Property Trust to modify 3,900 tonnes of clay based spoil into Trenchmod® at the new Kings Hill development in Kent thanks to a NISP introduction. The trial was a great success and once approval is received from Kent County Council, a significantly greater volume of material will be processed for use under the roads in the new town development.

Andy Goodson, Sales and Marketing Director at Keanes Environmental said: "NISP continues to be a fantastic way of introducing people who share the common theme of waste reduction on their sites, which not only benefits the contractor but also has a huge benefit to the environment in which we live and work."

What our members say about us..

"They're one of the most helpful organisations I've worked with"

"NISP has good local knowledge, we rate them very highly. They're good ambassadors"

"NISP has turned our aspirations into reality"

"NISP has never given less than 110 percent of what we need and they're great. Thank you!"

"NISP is intellectual, creative and practical"

"They create a good working environment for people to discuss their waste issues"

"NISP has given us the opportunity to showcase our product to people we wouldn't have got to"