



BESST and NISP Quick Wins Industrial Symbiosis Workshop



On 6th May 2011, delegates from a wide range of industries across Telford participated in the unique NISP & BESST synergy workshop process. The day started with a range of presentations that introduced the workshop followed by some case studies. This was followed by the workshop designed to match producers and carriers of various waste products.



Introduction and Welcome - Andy Whyte, BESST Chair

Andy opened the event and gave an introduction to BESST with an update on recent activity and upcoming events. He also introduced NISP and the relationship between BESST and NISP.

Ian Humphreys, NISP

Ian explained that industrial symbiosis brings together traditionally separate industries with the aim of improving resource efficiency and sustainability. It involves the physical exchange of materials, energy, water and waste and together with the shared use of assets, logistics and expertise. He went on to illustrate how NISP have implemented industrial symbiosis to achieve economic, environmental and social benefits.



The next presentations demonstrated NISP in action...

Manel Roura, DENSO Manufacturing UK Ltd

DENSO Manel talked about how Denso had achieved zero waste to landfill by 2006, from 666 tonnes in 2006. Including some examples of how reducing, reusing and recycling waste can lead to a reduction in the financial costs associated with waste disposal. By altering treatment of flux waste from landfill to reuse in the smelting process, a saving of £73K was made in raw material costs.



Paul Moran, Harper Adams University College



Paul explained the process of anaerobic digestion; how it's a closed loop system so the gas is captured and a high quality fertiliser is produced. He went on to describe further environmental and economic benefits to this method of waste treatment. Finishing with a description of how they can work with food waste producers to avoid landfill's costs and environmental impacts.

David Lancashire, Ministry of Justice



David presented on the business opportunities that can be found in HM prisons. He cited the example of how Sony used the competitively priced source of labour to separate the CDs from the cases of excess CD stocks. This enabled them to be recycled separately and also prevented them from ending up on the black market.

Ian Page, Industrial Cost Reduction Limited



Ian introduced ICR Ltd and how they have worked closely with NISP to help deliver savings. He went through detailed case studies including the lead dust project implementation at Tata steel.

NISP "Quick Wins" Workshop



The purpose of the workshop was to highlight potential business opportunities to reduce costs and increase sales. The delegates filled in coloured forms detailing what they had and wanted. The forms were then circulated around the table so that matches could be made.

In total 840 potential matches were made!

All of the presentations delivered at the event can be viewed in the download library For further information on any of the environmental topics discussed please contact the BESST

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Business Environmental Support Scheme for Telford