Success Story: Xerox & Re-box Recycling

Through SMILE Xerox & Re-box Recycling connected. Xerox were searching for an outlet for large quantities of cardboard they were accumulating on a weekly basis and Re-box Recycling were looking for cardboard. Since 2013, Re-box Recycling have received over 87 tonnes of cardboard from Xerox which they remanufacture into reusable cardboard boxes and then sell onto local businesses to generate revenue.

Results

- €8,000 cost savings annually for Xerox
- +1 job created
- 87 tonnes of cardboard remanufactured locally to date keeping the economic value in Ireland and preventing it from being exported
- Each tonne reused saves...  
  - 4100 KW OF ENERGY
  - 31780 LTRS OF WATER
  - 17 TREES
  - Carbon savings equivalent to 5,500,000 miles

Ireland’s Industrial Symbiosis Programme

Making the move towards a Circular Economy
SMILE provides a FREE platform for businesses to connect and identify synergies where a waste in one business can be a resource in another. Potential synergies are identified through an online exchange platform [www.smileexchange.ie](http://www.smileexchange.ie) or through facilitated technical support assistance. Businesses can request or offer reusable materials, by-products, surplus stock that could potentially be a raw material in another business.

**The Story of SMILE**

SMILE welcomes businesses from all sectors, from large multinationals to SME’s, sole traders, start-ups and social enterprises

[www.smileexchange.ie](http://www.smileexchange.ie)

**To Register**

Why Join SMILE?

Economic, environmental and social benefits include:

- cut costs
- identify new business opportunities
- source materials
- reduce waste
- improve competitiveness
- network with business
- identify new business opportunities
- improve competitiveness
- network with business

**What do our Members Think?**

As a green enterprise looking for discarded materials that we can turn into practical goods, SMILE Resource Exchange is a vital source of raw materials for us.

**Greentastic Ireland**

SMILE is doing a great job both for industry and also for the environment.

**Horner APG**

SMILE is a great facility for IKEA to divert ‘hard to recycle’ items from landfill and give them a second life. With our waste rugs, for example, we were able to find a reuse purpose for them through SMILE.

**IKEA**

Excellent outlet to exchange resources which are still in good condition and can be utilised by other organisations without having to send items to waste.

**Croke Park Stadium**

**Here’s the Technical Bit...**

SMILE Resource Exchange is the Irish Industrial Symbiosis programme that supports and encourages a move towards the circular economy. SMILE is a founding member of EUR-ISA which brings together established industrial symbiosis programmes across Europe. The focal point of EUR-ISA is to accelerate industrial symbiosis in Europe in order to generate substantial economic, environmental and social benefits.

“Industrial Symbiosis is the sharing of services, utility and by-product resources among industries in order to add value, reduce costs and improve the environment”

(Agarwal and Strachan, 2008)