

UK recycling Technology is exported to the U.S.

Next-Tec, the Staffordshire-based company, that developed plastic densification technology that can be used to reduce used expanded polystyrene (EPS) — and other foamed plastics such as EPP and EPE — prior to reprocessing has signed a deal with a U.S. partner worth £2 million.

Mark Smith, Next Tec's Marketing Director explains how the densification machines work: "We have two machines in our range – one that we call the Direct machine and other the Indirect machine. The Direct machine is most suited to EPS; it processes EPS into a granule-like particle and automatically bags it.

"Typically, a forty-foot container of EPS will reduce to between 6-8 M3. This process is also very well suited to applications such as EPS fish boxes as it has the added advantage, over compaction, of drying the material, making the re-processing to a pellet easier."

Sixty of Next-Tec's machines have been ordered by the U.S. partner – 30 of each machine. The technology will help U.S. companies to tackle the country's vast plastic waste overload.

"In addition to the U.S. we have had a lot of enquiries from all over the world. In particular Eire, South Africa and Spain are looking interested," concludes Mark Smith.

■ Next-Tec is conducting a two-day demonstration of their DIRECT machine at Invergordon in Scotland.

If you would like to see it in action contact Mark Smith for details, email: msmith@next-tec-ltd.com



The EPS granules in the cardboard box were created from four pallets of boxes.