

Liquisort is the proud winner of the Recycling Innovation Award
Floating gold!

During the evening party at the 29th of September 2010, organised by the Recycling 2010 exhibition, the Recycling Innovation Award has been granted to Liquisort Holding.

The evening was hosted by the Dutch ex-ice-skate champion Hein Vergeer and the prize was handed out, to Charles Smeeman of Liquisort Holding, by dr. Ad Lansink, known as the Dutch recycling guru and inventor of the Dutch standard "Lansink's stepladder".

Five innovating Dutch technologies were nominated and criticised by an independent selection board and the Liquisort MDS Technology is voted and awarded as the most innovative one.

This entire Dutch invention is world-wide patented and makes it possible to separate for example non ferrous metal mixtures, but also plastics, into clean separate fractions. The process is fully automatic. In this way waste streams are upgraded to secondary raw materials.

As is the case with conventional technologies based upon the sink/float principle the MDS, Magnetic Density Separation, technology exploits the difference in density of the materials that are to be separated. Instead of a medium with a single density, a magnetic liquid is used, which when placed in a special patented magnetic field, has different densities at different heights. This is how an apparent density of up to twenty times the density of water can be achieved in the liquid. This allows even gold to float on the magnetic liquid.

Liquisort Metals B.V. operates at their Alkmaar location a state of the art recycling plant using two MDS separating units. Several non-ferrous metal mixtures are sorted in clean metal streams.

Liquisort Plastics B.V. in Vroomshoop uses the MDS Technology to separate polyolefin's, such as PP and PE.

A reliable philosophy and strategy underlies the market approach; Liquisort has and is forming cooperation's with reliable renowned companies from various sectors of industry.

Within a period of 5 years the MDS technology must be applied world-wide.



Vlnr Henk Meinen, Charles Smeeman, Dick de Jong (Liquisort Metals B.V.), Ad Lansink