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Plastic waste?
Durable &
sustainable furniture


Plasteconwood
United Kingdom

In partnership with:

With financial support
from the EU



Introduction:

<p>Plasteconwood Operations</p> <p>Unit 2, Expressway Business Park, Abergele Road, Bodelwyddan, North Wales, LL18 5SQ</p> <p>Tel: 0044 1745827000</p>	
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Type of innovation:

- X Technological

Affection by Sector of the innovative solution:

- X Technological
- X Productivity
- X Competitiveness

<p>Company's description:</p>	<p>Plastecowood Limited is a company that manufactures plastic profiles as an alternative to wood.</p>
<p>Company's previous status:</p>	<p>Research spin off linked to fence panels</p>
<p>Innovative solutions:</p>	<p>Following 6 years of research and development, Plastecowood® has created a new range of alternative-to-wood profiles and products. Committed to environmental and ecological principles the Smartawood range offers major retailers and Local Authorities an ideal 'closed loop' solution for mixed plastic waste.</p>
<p>Way of implementation:</p>	<p>R&D. The company is focused on turning the growing problem of mixed plastic waste – including food trays, yoghurt pots, margarine tubs, carrier bags, plant pots, crisp packets and camera films – into sustainable products for this generation and the next.</p>

Outcomes:

Nouveau material
New markets
New products

Recommendations:

The Plastecowood unique product development approach at a time when the garden furniture and decking was declining has created a new product by upscaling waste in a tough, heavy-duty, long life, ecological alternative to wood - perfect for external and submerged locations.

Keywords:

- X Recycling
- X Processes