BEACON’s latest collaboration with MDF Recovery has been at Aberystwyth University to investigate the application of some of the pilot scale equipment available in the BEACON facility to regulate the moisture content of fibres recovered by MDFR’s process.

"BEACON has assisted MDF Recovery to test and optimise our novel technologies in such a short time frame, something no other organization could offer. MDFR is a start-up company attempting to introduce closed loop recycling opportunities into mature and established manufacturing and retail supply chains. The involvement of the universities enhances MDFR's credibility with these commercial partners."

Craig Bartlett, Director

BEACON’s aim was to investigate whether, through the use of screw press technology, an optimum output moisture content for the feedstock could be achieved at a level appropriate for further processing within particular industrial market applications. Optimization of moisture content in the processed materials can reduce energy costs and thus decrease the carbon footprint of the whole recycling process.