



# AUTOCLAVE



**1** Non-hazardous commercial, agricultural and domestic waste is delivered to the Re3 Recycling Facility.



**2** The process uses Re3 autoclaves - large pressure cookers that use steam to transform waste into biomass and other recyclables.



**3** Each autoclave is capable of transforming hundreds of tonnes of waste into biomass.



**4** The process is self-contained, safe and clean. It is controlled using state-of-the-art technology.



**5** After a few hours, the biomass fibre and other recyclables are removed from the autoclave.



**6** The biomass and other recyclables - steel, plastic, aluminium - are separated automatically.



**7** The biomass fibre and recyclables are inspected for quality.



**8** The biomass fibre is pelletised and used to generate heat and power.



## How to reach us:

Want to know more about Re3? Here are four ways to get additional information:  
Call: +44 28 3887 2020  
Email: [info@re3group.com](mailto:info@re3group.com)  
Visit: [www.re3group.com](http://www.re3group.com)  
Write to: Re3 Group, 65 Legacorry Road, Richhill, County Armagh, Northern Ireland, BT61 9LF