

Reference List

purecycleengineering.co.uk

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References:

The projects listed below have all been designed or supplied by PCE's in house team of fully qualified engineers. This list does not include small-scale projects such as 5-10 Tonne/hour paper, wood or plastics processing and recycling systems, and focuses on Waste to Energy projects.

| Customer | Description | Year |
|--|--|--------------|
| Fibrefuels, Slough, UK. | Pre/Post Shredding and densification systems for handling post consumer C&I Waste streams to generate electrical power from RDF fuels. | 2001 |
| Castle Cement, Stamford, UK. | UK's first dedicated MSW reception, classification and processing to SRF "Profuels" Facility. | 2002 |
| Polysindo, Asia | 750 Kg/h PET reprocessing line | 2005 |
| Ecomaster, Massafra, Italy | Design and supply of MT for MBT plant with drying tunnels to generate pelletised RDF | 2004 |
| Ebisushyro, Japan | 120,000 Tonne/year MRF Residue to SRF Fuel production plant | 2004-5 |
| Diao paper, Japan | 90,000 post consumer waste /MRF residue processing plant to generate SRF to feed into clients CFB boilers | 2005 |
| Ecosafe Ltd, Ireland | 1 T/h hospital waste shredding system following autoclave sterilization system | 2005 |
| Bical Ltd, UK | Fuel Cuber full redesign, build and facility supply for cubing miscanthus for 'green coal' | 2006 |
| Hinkcroft, London, UK | MSW processing plant, with RDF production for 100,000 Tonnes/year of MSW input | 2008 |
| NPT, Swansea, Wales | 400 Tonne/day MSW reception facility, with biodrying and fuel production of high grade SRF for CEMEX cement plants | 2008 |
| Stericycle, Bucharest, Romania | 2 T/h Clinical/medical/theatre waste sterilization process for cement kiln fuel | 2008-9 |
| Niramax group, Hartlepool, UK | MSW, C&I and C&D waste processing plant for 240,000 Tonnes/year on two- shifts. Full classification and separation technology on site and high grade SRF produced, baled and wrapped | 2009 |
| Bredbury Parkway MBT plant, Manchester, UK | 110,000 Tonne/year MRF facility, with AD plant and RDF production for Viridor. | 2009 |
| 777 Demolition, London | 100,000 Tonne/year RDF production facility, including pre-shredding, re- shredding, classification and truck load out | 2010 |
| Ragn Sells, Estonia | Dedicated MBT plant processing 140,000 Tonnes/year of Municipal waste, biodrying facility for organic materials and production of SRF for local cement kiln. | 2011 |
| Recydia, Turkey | 2,000 Tonnes/day municipal waste processing plant, with high recyclates recovery and high grade secondary fuel stream production | 2012 |
| Opes Industries, Oxford, UK | 140,000 Tonnes/year C&I/C&D reception facility, full scale classification and separation facility and RDF production (baled and wrapped) for fuel. | 2014-15 |
| Opes Industries, Oxford, UK | Additional modifications to facility to improve landfill quantities to less than 5% of input | 2016 |
| GJ Nature Care, India | Engineering consultancy to design and specify large MSW biodrying and MRF facility for power generation on site | 2016-present |
| SSSI Ltd | Ongoing upgrades to existing site, including fines clean up, RDF to SRF upgrades and metals clean up | 2018 |
| Waste to energy funding group | Development of a 30,000 tpa single line demonstrator plant for SRF pellet production for the waste to energy industry, and the roll out of up to 8 larger scale plants producing circa 105,000 tpa of pellets. | 2018-19 |
| Equipo SP | Engineering consultancy for several European waste to Energy projects | 2019 |
| Tier 1 power utility client | Front-end waste to energy plant RDF handling/preparation. Consulting to deliver 3 waste to energy plants by 2021 | 2019 |
| Waste to Energy Plant | Design and consultancy for a high volume medical waste processing, sterilisation, preparation, storage and feeding system for a gasification plant | 2020-present |
| Waste to Energy Plant | Engineering consultancy for Front-end waste to energy plant RDF handling/preparation/feeding and ash handling systems | 2020-present |