Proposal	Erection of Energy from Waste facility, vehicular and non-vehicular accesses, ancillary buildings, landscaping and ancillary infrastructure
Site Area	2 hectares
Main structures sought planning permission	• Main building: 170m in length, depth varying between 34-54m and height 47.50m at apex of curved roof • Flue stack 80m height and 2.50 in diameter • District Heating Enclosure/Air Cooled Condenser building; 60m length, depth 20m and maximum height 20m • Transformer building; 14.80m length, 4.90m depth, 3.8m height • Substation; 15m length, 10m depth, 7m height • Fire Water Tank 12m in height, 15m in diameter • Ammonia Store: 4m length, 3m depth, 9.5 height • Fuel Oil Tank: 10m height, 3.5m diameter • Pump House: 4.5 length, 4m depth, 2.4 height
Scale of development	There are a number of individual elements to the development comprising: • Main building incorporating – tipping hall, bunker, boiler hall, turbine hall, bottom ash hall, flue gas treatment, office accommodation/workshop • District Heating Enclosure • Air Cooled Condensers • Step up Transformer • Substation • Fire Water Tank • Pump Houses • Weighbridges • Detention Ponds • Exhaust Stack • Ammonia Store • Associated infrastructure and landscaping
Material Input	150,000 tonnes pa non-hazardous municipal waste • Aberdeen City Council 60,000 pa • Aberdeenshire Council 70,000 pa • Moray Council 20,000 pa
Material Output	• Incinerator Bottom Ash 40,000 tonnes pa • Fly Ash 4,500 tonnes pa
CHP Processing Capacity	The facility would have an installed electricity generating capacity of circa 13.5 Megawatts (MW), a proportion of this electricity (circa 2.1MWe) is required to operate the proposed development, and 11.4MWe would be available for export to the local grid. In addition to the production of electricity, the proposed development would also offer the potential to capture heat but currently no market exists for this heat energy.

Proposed Hours of Operation	Import/Export of materials • Monday – Friday (07:00 hrs – 19:00 hrs) • Saturday (07:00 hrs – 13:00 hrs) • No collections Sundays, Public/Bank Holidays EfW facility and associated energy generation would operate 24 hrs per day, 7 days a week, 365 days a year except during planned maintenance shut downs
Traffic	Construction Period • 100 HGV movements (50 vehicles in, 50 vehicles out) • Staff/construction worker movements are estimated to be a maximum of 150 vehicles in and 150 out daily Operation Phase • 614 HGV movements (307 vehicles in, 307 vehicles out) vehicles per week over 5.5 days (this includes all waste deliveries, removal of lBA and chemical delivery and removal) - This represents 5 HGV on average per plant operating hour.
Employment	20 people comprising shift staff, maintenance employees, weighbridge operators, administrative and security staff