CLAIMS:

1. A process for producing an animal feed, the process comprising:

   producing a feedstock for the animal feed, the process comprising:

   providing a categorised food waste collected from producers of the categorised food waste and stored separately from other categories of food wastes, the food waste having been categorised to produce feedstock having a consistent nutritional profile;

   treating the categorised food waste to destroy substantially all pathogens;

   grinding the categorised food waste; and

   forming the treated and ground food waste into the feedstock, wherein the feedstock is dried whereby it is storage stable, and

   determining an amount of the feedstock which, when combined with an amount of a feedstock produced from a different categorised food waste, would produce an animal feed having a specific nutritional profile, and combining the feedstocks to produce the animal feed with a specific nutritional profile.

2. The process of claim 1, wherein the feedstock is formed in powder form.

3. The process of claim 1 or claim 2, wherein the food waste is heated to destroy substantially all pathogens.

4. The process of any one of claims 1 to 3, wherein the feedstock is combined with a feedstock produced from a plurality of different categorised food wastes to produce the animal feed having a specific nutritional profile.

5. The process of any one of claims 1 to 4, wherein the combination of feedstocks is formed into an animal feed by extrusion or rolling.

6. The process of claim any one of claims 1 to 5, wherein any liquid produced during the process is collected for producing a liquid fertiliser.