- Chopping into small flakes
- Washing to remove impurities
- Turned into new materials by melting and remoulding

**COMBUSTION FOR ENERGY PRODUCTION**
- Burning polymers produces heat energy
- Making electricity

**FEEDSTOCK FOR CRACKING**
- Converting polymers into synthesis gas
- Synthesis gas can be used as a fuel at oil refineries

**RECYCLING PVC**
- Problematic because of high chlorine content
- Combustion of PVC releases acidic hydrogen chlorine fumes

**INCINERATION**
- Incinerators minimise the release of harmful emissions

**BIODEGRADABLE AND COMPOSTABLE POLYMERS**
- Derived from renewable materials (maize, starch etc.)
- Non-hazardous processes
- Degrade naturally