

Recovery and disposal codes

Waste related activities are classed as recovery (R) or disposal (D) as defined in the Waste Framework Directive (2006/12/EC). The legislation can be found here:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2006:114:0009:0021:EN:PDF>

Recovery operations

- *R1 Use principally as a fuel or other means to generate energy
 - R2 Solvent reclamation/regeneration
 - R3 Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
 - R4 Recycling/reclamation of metals and metal compounds
 - R5 Recycling/reclamation of other inorganic materials
 - R6 Regeneration of acids or bases
 - R7 Recovery of components used for pollution abatement
 - R8 Recovery of components from catalysts
 - R9 Oil re-refining or other reuses of oil
 - R10 Land treatment resulting in benefit to agriculture or ecological improvement
 - R11 Use of wastes obtained from any of the operations numbered R1 to R10
 - *R12 Exchange of wastes for submission to any of the operations numbered R1 to R11
 - *R13 Storage of wastes pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)
- *not considered recovery to a final product

Disposal operations

- D1 Deposit into or onto land, e.g. landfill
- D2 Land treatment, e.g. biodegradation of liquid or sludgy discards in soils
- D3 Deep injection, e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories
- D4 Surface impoundment, e.g. placement of liquid or sludgy discards into pits, ponds or lagoons
- D5 Specially engineered landfill, e.g. placement into lined discrete cells which are capped and isolated from one another and the environment
- D6 Release into a water body, except seas/oceans

- D7 Release into seas/oceans, including sea-bed insertion
- D8 Biological treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12
- D9 Physico-chemical treatment resulting in final compounds or mixtures which are discarded by any of the operations numbered D1 to D12, e.g. evaporation, drying, calcination
- D10 Incineration on land
- D11 Incineration at sea
- D12 Permanent storage, e.g. emplacement of containers in a mine
- D13 Blending or mixing prior to submission to any of the operations numbered D1 to D12
- D14 Repackaging prior to submission to any of the operations numbered D1 to D13
- D15 Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced)