

Description on the Calculation Method

Construction and Demolition Waste (C&DW)

– Regional Amounts and National Recycling Rate Excluding Land Masses

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Introduction

Construction and demolition waste (C&DW) is one of the focus areas of the National Waste Plan in Finland. Nationally, it is a top priority to decrease the amount of waste and increase recycling. The national strategy also aims at increasing the safe utilisation of C&DW as well as improve the availability of accurate data on C&DW.

The regional total amounts of C&DW as well as the recycling rate of C&DW excluding land masses are key indicators in Circwaste project. Accurate, local data on the amounts and recycling of C&DW is not available. Hence, one needs to rely on regional estimates on the amounts, based on national statistics on C&DW and construction activity. There are no sufficient data to estimate local recycling rates, so the national recycling rate for C&DW excluding land masses is used as indication.

In this document, you can find the description of the method and references used for the calculations.

Method and References

This monitoring was first carried out in 2018 for data from 2016. The calculation method was modified in 2021 as new estimated for 2017 and 2018, as well as updates according to the renewed method for 2016 were calculated.

The national amount of C&DW is found in the StatFin Px-Web database by Statistics Finland under Environment and Natural Resources, Waste Statistics, 003 Waste generation disaggregated by EU statistical waste classification. All waste categories and NACE Section F: 41-43 Construction are selected.

The national data are divided to regional estimates based on turnover of construction within the regions, since the amount of C&DW is strongly dependent on construction activity and since there is not more specific data available. The regional turnover in the field of construction is taken from the StatFin database by Statistics Finland on Enterprises and Regional statistics on entrepreneurial activity, Establishments of enterprises by industry and region selecting turnover and NACE F 41-43 Construction.

There are no regional data available for recycling of C&DW. The recycling rate of C&DW is monitored from the national monitoring according to the EU waste monitoring framework. Landmasses are excluded from the calculation of recycling rate. For 2016, backfilling is included.