

**Introductory notes on
“Case studies of Advanced Construction and Demolition
waste(CDW) Recycling initiatives and technologies In JAPAN”**

We act as the world top runner in terms of the policy system, actual recycling rate, and recycle technologies in the course of challenging to the Construction and Demolition waste (CDW) Recycling of Japan. (Refer to the description of following pages.)

The Promotion Council for Recycling Construction Materials and Wastes has pushed forward various activities, such as preparation of this “Case Studies”, etc.

With these activities, the academic, business, and government will deliver jointly the information on advanced CDW recycling initiatives and technologies in Japan from Tokyo to all sections of Japan and further to the world.

Such activities were motivated by the opportunity of Japan attracting the world attentions because of The 2020 Tokyo Olympic and Paralympic Games

This “Case Studeis” has been compiled through cooperation of those concerned and will be reviewed as required from time to time.

Note that this “Case Studeis” is available in PDF form from the following address:

<https://www.suishinkaigi.jp/en/works.html>

March, 2019

Promotion Council for Recycling Construction Materials and Wastes

(Secretariat; Advanced Construction Technology Center (ACTEC))

Construction and Demolition Waste(CDW) Recycling ratio of Japan and major EU countries

	Country	Data annual	Amount of excavated soil generated (million tons)	CDW excluding excavated soil		Remarks
				Generation amount (million tons) *2	Recycling ratio (%) *2	
E U *1	Belgium	2012		14.8	97.6	
	Germany	2012	113.7	82.2	96.0	The recycling ratio not including backfill is 68%
	Netherlands	2012		24.2	93.0	
	United Kingdom	2012	54.4	44.8	86.5	
	Italy	2012		38.8	76.0	
	Spain	2012		27.6	68.0	
	France	2012		64.2	63.0	
	Japan *3	FY 2012	180.1	66.1 (72.7)	97.0 (96.0)	Values in () include construction sludge

*1: EU country data are organized by the Promotion Council for Recycling Construction Materials and Wastes secretariat (ACTEC) from the following HP country report
http://ec.europa.eu/environment/waste/studies/mixed_waste.htm

*2:excluding construction sludge
The recycling ratio of EU includes backfill.

*3: The data of Japan is MLIT “Survey Results of CDW 2012”

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Founded	May 1992
HP URL	https://www.suishinkaigi.jp/en/index.html
Component Organizations	<div style="border: 1px solid black; border-radius: 20px; padding: 10px; text-align: center;"> <div style="border: 1px solid black; display: inline-block; padding: 5px 20px; margin-bottom: 10px;">Consisting 33 members such as</div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Regional conferences MLIT* Prefectures Major Cities other Local Authorities </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Construction Contractors </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Public utilities </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Association of Waste Processing Plants </div> </div> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-top: 10px;"> ACTEC (Secretariat) </div> <p>(※MLIT:MINISTRY OF LAND, INFRASTRUCTURE AND TRANSPORT)</p> </div>
Purpose	Our goal is to plan and effectively carry out activities to promote construction and demolition waste management, along with publicity to raise public awareness about promoting construction material and waste recycling (including "reduction," "reuse," "recycling" and "appropriate disposal"), in collaboration with our component organizations, to ensure the smooth implementation of construction work, effective use of resources, reduced generation of waste products and protection of our living environment.
Details of activities	<ul style="list-style-type: none"> -Organization of the Technical Workshop and Exhibition on Construction and Demolition Waste Management (once per year) -Publication of organization newsletter "Construction and Demolition Waste Management" (4 times per year) -Publication of handbooks, pamphlets, books, etc. -Recommendation of candidates for the 3Rs (Reduce, Reuse, and Recycle) Promotion Merit Awards -Provision of various relevant information (news emails, website)