

October 1, 2020

Unicharm launched a verification business in the efficient way of collection & transportation of used disposable diaper in Tokyo for promoting its recycle activity.

Unicharm Corporation(HQ: Tokyo, Japan; CEO & President: Takahisa Takahara) has been appointed as a model company of “efficient way of collection and transportation” in “verification business for promoting the recycle of used disposable diaper” which the local government of Tokyo invited the public to join the contest. Under this arrangement, each municipality, private company and relevant group in Tokyo will work together in aiming at contributing to the sustainable society and engaging in the business activity to maintain a balance between the preservation of global environment and economic growth through the promotion of “recycling the used disposable diaper”.



東京都



In aiming at realizing the recycling-oriented society, Unicharm has started the recycling project of used disposable diaper in 2015 and, since December 2016, conducted the verification test with the cities of Shibushi and Osaki in Kagoshima. Through the test, we came to put the recycling technology on a firm footing toward the level that pulp is reusable as a sanitary material and are moving forward the “recycling model” using the treated water from the cleaning and separating process. What is most essential in promoting such “recycling model” is the segregation method of used disposable diaper and business plan up to the segregation and collection. With a cooperation of municipalities in Tokyo, we will segregate the used disposable diaper at nursery home for elderly and child day-care center and carry out the verification test of segregation and collection in association with the waste collection firms.

・Image of verification business

【高齢者施設・保育園等】



使用済み紙おむつを分別

【回収】



使用済み紙おむつを回収
(使用済み紙おむつのみを分別回収)

【(仮想)リサイクル処理場】



使用済み紙おむつを搬入
(使用済み紙おむつのみを搬入)

(上記写真についてはイメージであり、実際の実証事業とは異なります)

【Background of promoting the used disposable diaper recycling project】

Total amount of used disposable diaper is increasing year by year in accordance with the acceleration of aging society. Used disposable diaper has become the big burden in waste process as it becomes bulky due to absorption of liquid. According to the survey of Ministry of the Environment, weight of used disposable diaper in general waste was 4.3~4.8% or approx. 1.91~2.1M tons in 2015, whereas, by year 2030, it is estimated to further increase to 6.6~7.1% or approx. 2.41~2.61M tons. Through this verification business, Unicharm will strive to make the recycling business of used disposable diaper as a recycling model that can be rolled out in Japan as well as the overseas countries, identify the new issues and come up with their

solutions.

■Our contribution to “SDGs 17 Goals” through verification business for promoting the recycle of used disposable diaper in Tokyo

We believe the above-mentioned activities will contribute to the following 7 goals of “SDGs 17 Goals”(Sustainable Development Goals) resolved at United Nations in 2015:

#3 “Ensure healthy lives and promote well-being for all people at all ages”

#7 “Ensure access to affordable, reliable, sustainable and modern energy for all people”

#8 “Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all people”

#9 “Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation”

#12 “Ensure sustainable consumption and production patterns”

#15 “Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss”

#17 “Strengthen the means of implementation and revitalize the global partnership for sustainable development”

For inquiries, please contact:

Unicharm Corporation, Corporate Planning Division, Public Relations Office

TEL = 03-6722-1019