

Potensi dan alur perjalanan material sampah daur ulang di pasar tradisional: studi kasus: TPS Pasar Youtefa, Kota Jayapura = Potential and flow of recycling waste at traditional market: material recovery facility Youtefa Market, Jayapura City

Fitrin Gabriela Janet Karafir, author

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Abstrak

Timbunan sampah di Pasar terus meningkat berasal dari aktivitas pengunjung di Pasar setiap harinya. Pasar Youtefa merupakan pasar tradisional yang berada di Kota Jayapura. Penelitian ini dilakukan untuk mengetahui potensi daur ulang dan alur perjalanan material sampah daur ulang serta upaya meningkatkan daur ulang sampah di TPS Pasar Youtefa. Pengumpulan data dilakukan dengan pemilahan sampah sesuai SNI 19-3964-1994, wawancara serta survey lapangan.

Hasil penelitian menunjukkan nilai potensi recycling rate sebesar 97,31 walaupun nilai recycling rate dari penjualan material daur ulang sebesar 0,08. Keuntungan ekonomi yang diperoleh setiap harinya adalah Rp 1.789.300,- dan setiap bulannya adalah Rp 53.679.000,- belum termasuk keuntungan kompos dan material lain yang berpotensi didaur ulang. Perjalanan material daur ulang sampah, dimulai dari TPS Pasar Youtefa, lapak kecil, lapak besar dan industri daur ulang.

Residu sampah yang diperoleh di TPS Pasar Youtefa, terdiri dari tisu, tekstil, plastik kemasan, tisu, debu, kayu, dan spons. Sedangkan upaya peningkatan daur ulang adalah memaksimalkan pemilahan di sumber, perbaikan kinerja pelaku daur ulang di Kota Jayapura, serta dibangun industri plastik di Kota Jayapura untuk mempersingkat alur perjalanan material sampah daur ulang dan menghemat biaya. Nilai recycling rate eksisting menunjukkan pemanfaatan sampah dari TPS Pasar Youtefa belum maksimal mencapai nilai recycling rate yang seharusnya bisa diperoleh, sehingga pencapaian nilai ekonomi belum maksimum.

Solid waste generation in market continues to increase as a result of the activity of visitors in the market every day. Youtefa market is a traditional market located in Jayapura City. This research was conducted to know the potential and the material flow of recycle waste and measures to increase recycling waste of Youtefas Market MRF. To obtain the data, can be done by sorting waste according to SNI 19 3964 1994, interview and surveying.

From the research, MRFs Youtefa Market showed the potential of recycling rate is 97,31, only reach 0,08, while the economic value which is obtained every day is about Rp 1.789.300, and every month is about Rp 53.679.000, but excludes compost and other materials potential to recycling. Flow of material recycle waste from Youtefas Market MRF, small stalls, large stalls and recycling industries.

The waste residue obtained at the Youtefa Market MRF, consisting of tissue, textiles, plastic bag, wood, and sponge. While effort to increase recycling are to maximize the sorting at the source, improvement of performance of recycling actors, as well as constructed plastic industry in Jayapura City to shorten the flow of recycle waste material journey and save cost. Through the existing recycling rate, the Youtefas Market MRF is not yet maximum to reach the recycling rate that should be obtained, so that the economic value is also not maximized.