



Annex IV: TAMIR

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TAMIR - Packaging Recovery Organization of Israel Ltd

TAMIR was set up in 2011 as a not-for-profit organization for packaging recovery under the packaging law, for household and commercial packaging waste. Having started its operation on January 1, 2012, TAMIR is currently the only Packaging Recovery Organization that operates in Israel.

In total, TAMIR (directly and via subcontracted companies) is responsible for the recycling of 33,000t of plastic packaging per year, while 130,000 t of plastic packaging is reported to Tamir as put on the market. This is just a part of all plastic packaging put on the market, a total of 210.000-220.000 t/y (estimation).

From households, Tamir collects around 9,000 t of PET and HDPE bottles through the cages in the street and 2,500 t with the orange bins for PMD, available so far only in parts of Israel: 3 million inhabitants covered – 35 %. It is planned to increase the coverage up to 75 % of the population but this requires a higher investment that is currently not available, due a large number of free riders in the system (see above). In addition to these two systems, three other forms of collection exist for other, non-plastic packaging waste from households: Glass collection via bring banks, collection points for cardboard, and blue bins in Door-to-Door collection for paper and paper packaging.

Furthermore, TAMIR receives plastic packaging from sorting stations for mixed waste. Commercial and industrial plastic packaging consists mainly of HDPE containers and plastic film and is collected by private local collectors that are authorized by TAMIR.

After collection and sorting, TAMIR reports quantities for five different plastic streams: PET, HPDE, PE & PP, CDPE, other plastics. From households, TAMIR recycles around 33,000 t per year, plus another 17.000 t from commercial and industrial waste.

Main problems identified

Monitoring, control, and enforcement

- Lack of clear data of plastic packaging put on the market
- 80.000-110.000 t of plastic packaging not registered with TAMIR (estimation)

Operational

- Finding space for sorting plants is difficult → NIMBY

Recycling technology

- Plastic film: there is currently no stable solution for plastic film recycling in Israel and

Key recommendations

- Better enforcement/elimination of free riders
- Investment of MoEP in communication
- More solutions for sorting of MSW needed
- Support to development of technology for the recycling of plastic film
- Rethink the share of responsibilities: In Israel, TAMIR is responsible from the point of the truck. The municipality thus has a lower interest for high quality of the



it is therefore going to two RDF plants.

- Few recycling plants for the recycling of PET and HDPE in Israel → most is exported

Communication & awareness

- Low but increasing awareness of population and challenging communication due to five different collection systems for packaging waste (see above) → huge additional budget for communication needed; current campaigns don't seem to be enough.

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material separately collected; therefore TAMIR receives a lot of residual waste as well.

- To increase the recycling of plastic in Israel, the quality and quantity of the material collected needs to be increased, as well as the awareness of the population.