

First-Ever Waste-to-Energy Plant in Yemen

6

Cash for Trash Points
established in the
target community

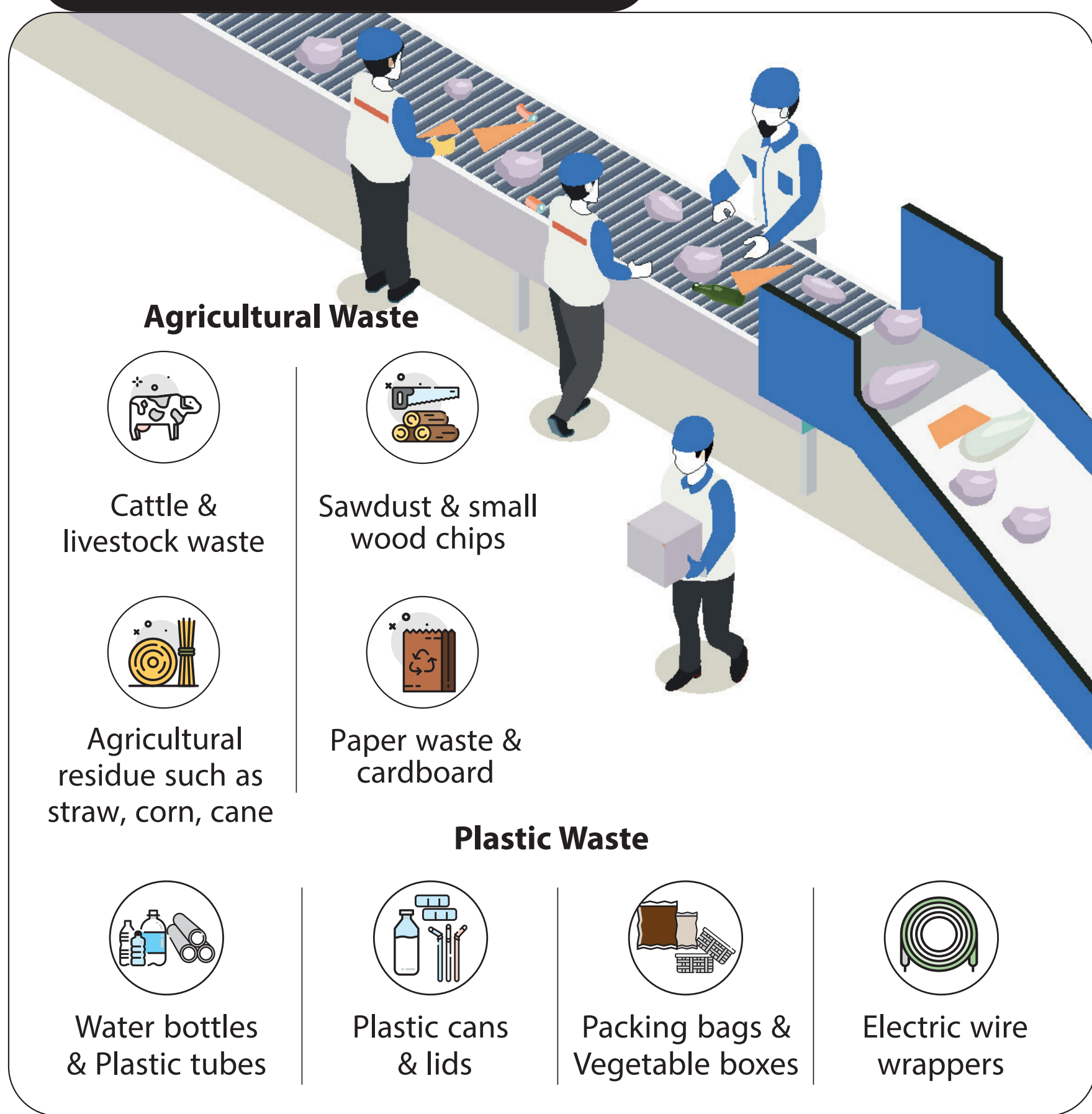


Waste is transported to
sorting points by
Solar Tuk Tuks



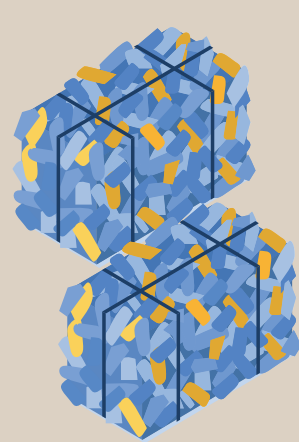
Waste Sorting and Collection

12
Individuals



Waste Drying

Waste is dried in areas far from the community.



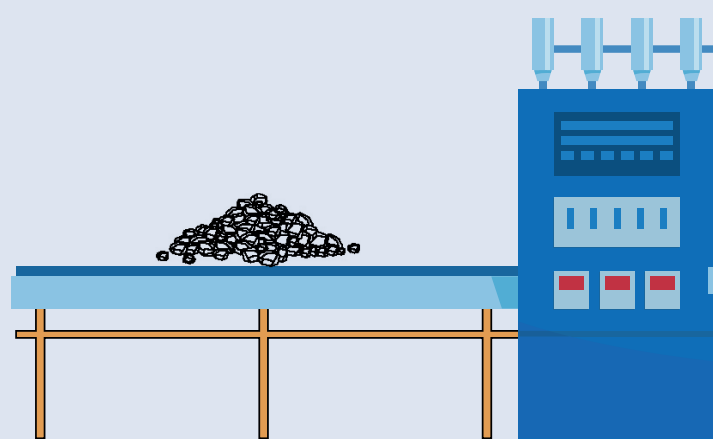
1,500 Kg
of **pure waste** is
sold by **MSMEs** to
the private sector

4
Individuals

After sorting, agricultural
waste is transported by
Solar Tuk Tuks to the
drying machine

Washing Plastic

Plastic is washed
before processing in
a granule machine



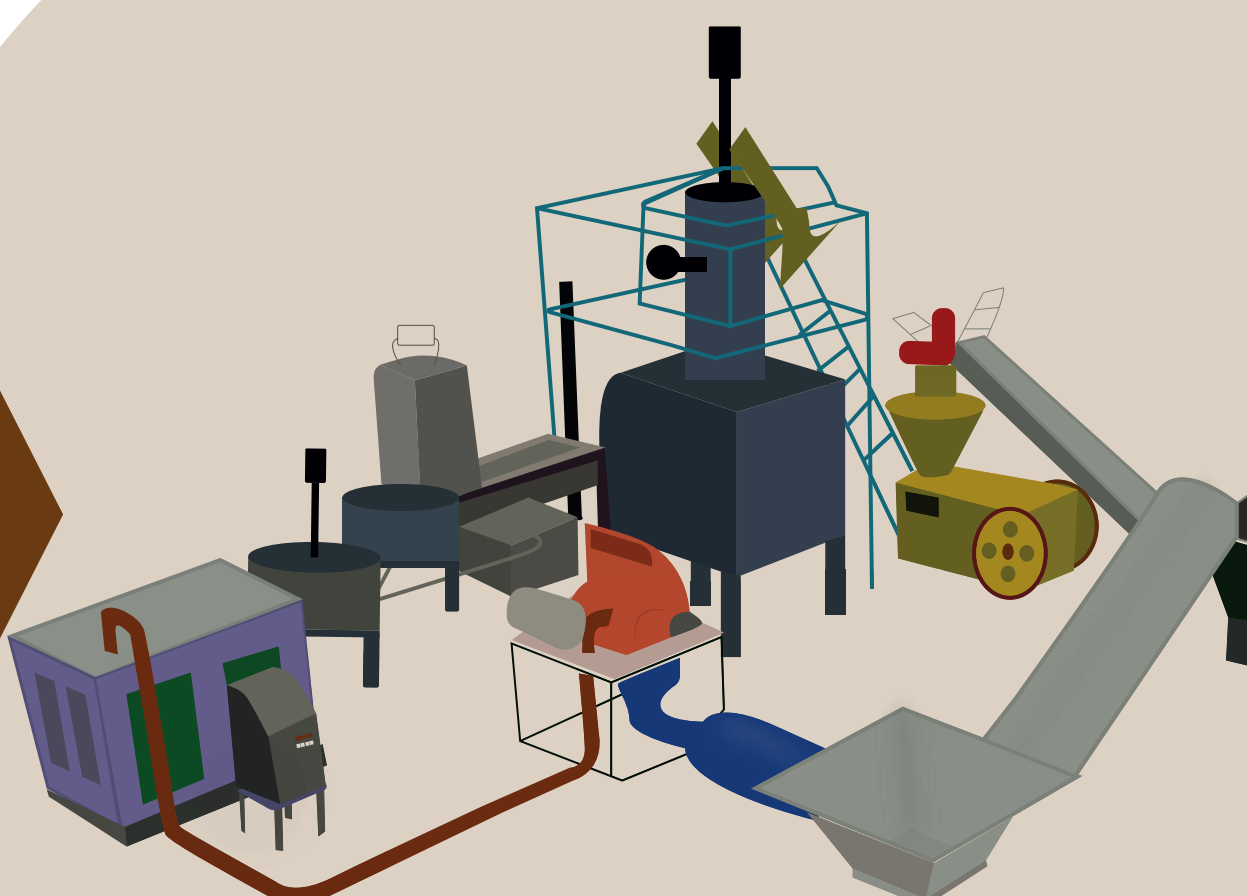
Plastic is cut
by a shredder

Cutting Plastic

Plastic waste
is transported after sorting
by **Solar Tuk Tuks** to the
Waste-to-Energy plant site



Converting Waste to Energy (WtE)



WtE Gasification Plant

**100
KW**

of electricity is generated
and sold to end-users



Fertilizer

Coal

TAR

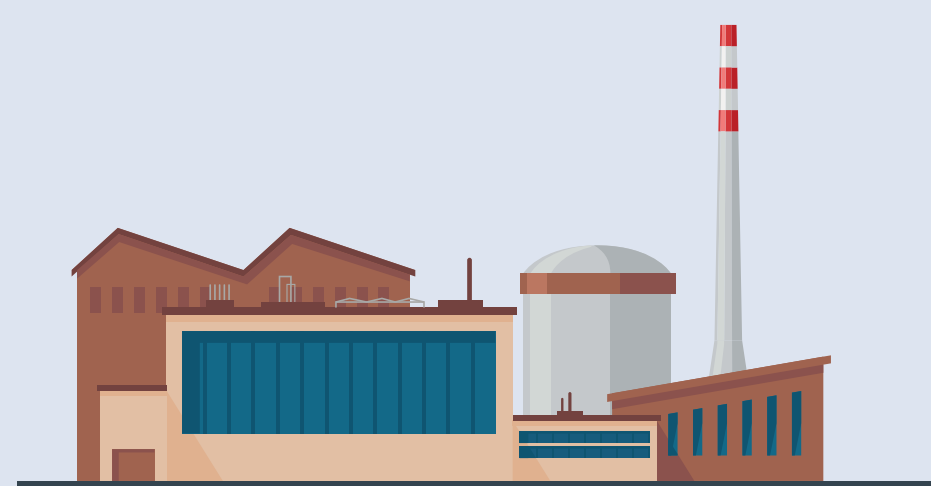


Converting Plastic into Granules

Plastic is recycled and granules produced



Plastic granules are sold to factories



Co-funded by
the European Union



السويد
Sverige



Supporting Resilient Livelihoods
and Food Security in Yemen Join
Programme (ERRY II)



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