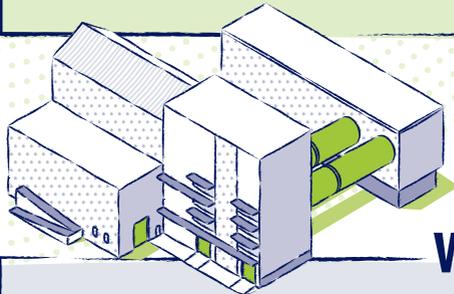


Advanced Resource Recovery Technology Facilities

What goes in

- Household waste, including general waste and organics
- Commercial organics and mixed waste
- Commercial dry materials



What comes out

- High-quality compost
- Ferrous and non-ferrous metals
- Building materials
- Process Engineered Fuel
- Rehabilitated soil



Advanced Resource Recovery Technology Facilities

ADVANCED RESOURCE RECOVERY TECHNOLOGY FACILITY

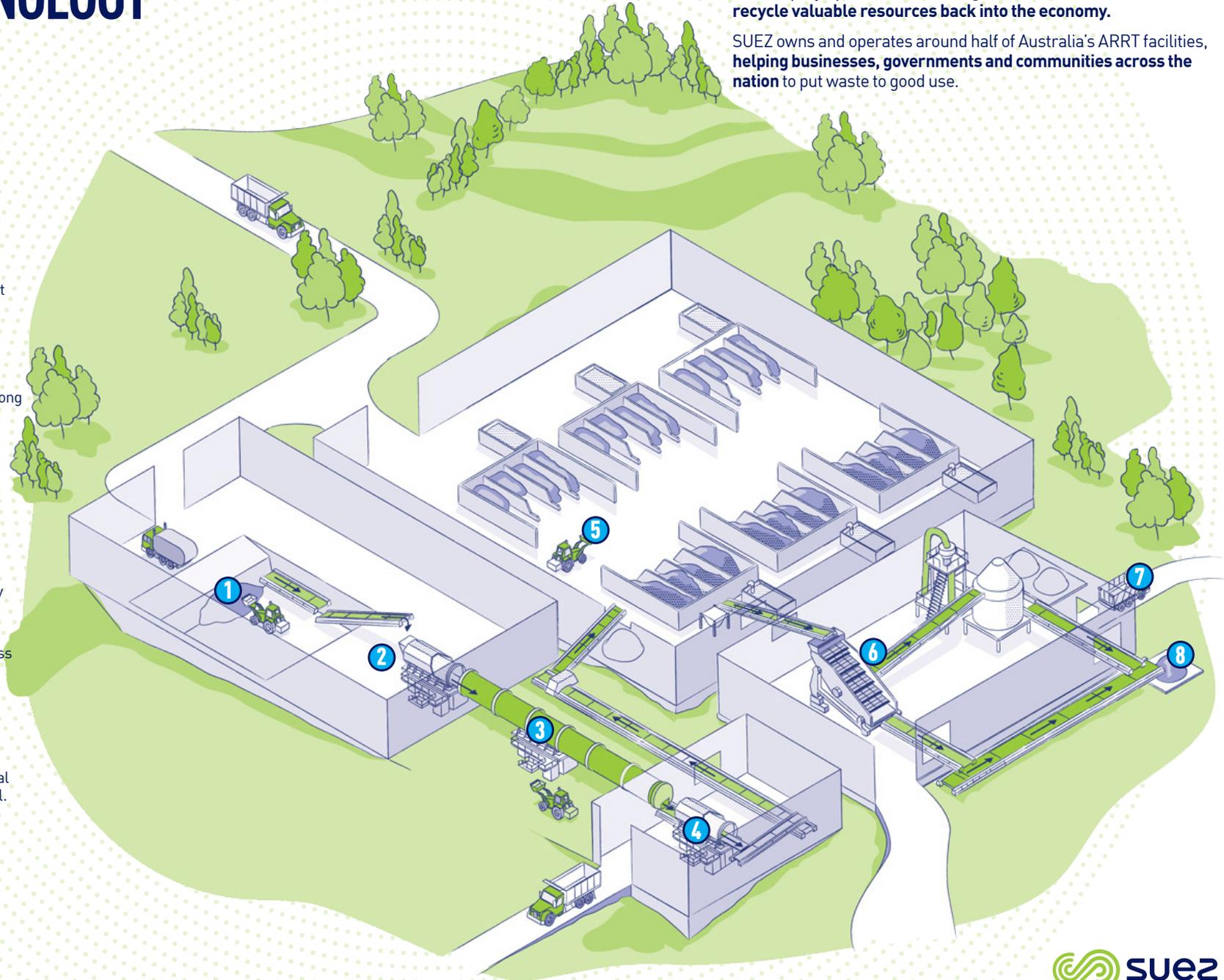
SUEZ's **Advanced Resource Recovery Technology (ARRT)** facilities are leading the way in sustainable resource recovery solutions.

ARRTs process waste that would otherwise be sent to landfill and employ specialist **technologies to recover this waste and recycle valuable resources back into the economy.**

SUEZ owns and operates around half of Australia's ARRT facilities, **helping businesses, governments and communities across the nation to put waste to good use.**

From waste to resource

- 1 Receiving:** Waste is tipped onto the floor where a frontend loader scoops up the waste and drops it onto a conveyor belt.
- 2 Pre-treatment:** Contaminants such as plastic bags, metals and containers are removed to improve the organic content of the waste.
- 3 Digestion:** The remaining waste is ferried into a long industrial composter. The waste spends approximately 24 -72 hours inside the composter, breaking it down into a soil like substance.
- 4 Pre-refining:** The waste is refined to remove residuals, mainly plastic bags and metals, to improve the quality of the organic content.
- 5 Windrows:** The waste is piled in long rows (windrows) inside another building, where it is left for approximately three weeks. Forced air and water helps the organic material completely decompose into compost.
- 6 Final screening:** To meet quality standards, the compost goes through a final screening and glass removal process.
- 7 Delivery:** The matured and screened compost is delivered to customers for use in a variety of applications.
- 8 Residuals:** The collected residual waste is sent to other facilities for further processing. Residual waste that cannot be recovered is sent to landfill.



The technology and design depicted in this illustration is representative only and is not an exact replica of a SUEZ facility