

# Reusing Waste



## Waste Characterization

Much of what we throw away can be recovered and used again. So it can be helpful to know what exactly we are throwing away to come up with strategies to recover and reuse it. This is where waste characterization comes in. Waste characterization tries to find out the amounts of different types of waste and break them down into categories by source. Characterization also helps determine where waste should be sent (recycling, composting, permanent disposal) and work out recovery and reuse rates.

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### OUR TRACK RECORD

Over the past few years, CRIQ specialists have honed their expertise in developing sampling and sorting protocols and carried out characterization studies for waste, recyclables, and compostables generated by municipalities, the public sector, businesses, and industry.

### OUR EQUIPMENT & FACILITIES

CRIQ boasts a 4,000 m<sup>2</sup> multi-material platform at its Québec City laboratory. The concrete platform can be used to temporarily store various materials before sorting and characterizing them. Plus, the area is complemented by over 500 m<sup>2</sup> of indoor storage in other rooms, perfect for all kinds of characterization operations (mixing, sorting, crushing, etc.). The platform also has a tractor, lift truck, dump scale, two industrial shredders (hammer mills and crushers), rotating and vibrating sieves, and a series of conveyors and tanks.



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