



PLASTIC WASHING LINES

**INNOVATIVE AND TAILOR-MADE
PLANTS FOR PLASTIC RECYCLING**



THIS IS TECNOFER

WASTE RECOVERY PLANTS & RECYCLING SOLUTIONS SINCE 1976

Tecnofer is a well-known company in the production of **recycling plants for plastic waste and other types of waste**. For **more than 45 years** the company has been investing in the development of cutting-edge recycling technologies, providing solutions capable of promoting a gradual transition towards the **circular economy model**. In fact, our deep know-how leads us to always set ourselves new goals, developing solutions that meet the real needs of companies and the community.

Tecnofer-branded systems are designed, developed and built to create sustainable and circular processes, with significant **energy savings and consumption optimization** thanks to automated management.

Each phase of a project is performed by Tecnofer personnel including initial research and development through mechanical and electrical design to final construction.

Specifically, Tecnofer has departments responsible for implementing complex and custom-designed solutions based on our guiding principle of «reliability and efficiency without compromise»:

R&D DEPARTMENT

MECHANICAL DESIGN DEPARTMENT

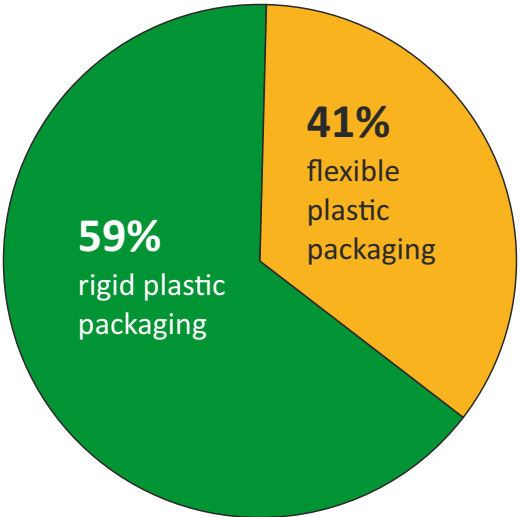
ELECTRICAL DESIGN AND CONTROLS DEPARTMENT

HIGH PRECISION MACHINERY AREA

MANUFACTURING DEPARTMENT

OVERVIEW & DATA

ABOUT CANADA PLASTIC RECYCLING



PLASTIC PACKAGING GENERETAD IN CANADA IN 2022

Proportion of rigid versus flexible plastic packaging in Canada.

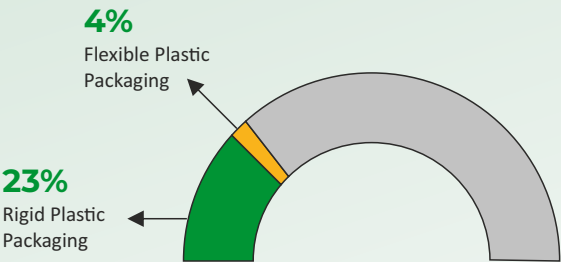
Total plastic packaging generated: 4% increase since 2019

Total recycled: 16% (4% increase since 2019)

- **Rigid Plastics:** 2% decrease since 2019
- **Flexible Plastics:** 13% increase since 2019

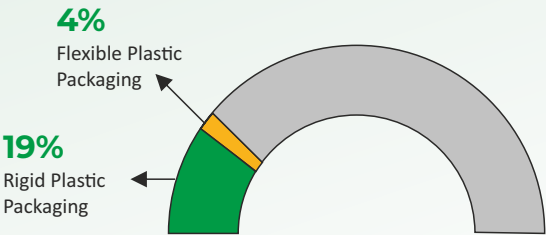
RESIDENTIAL SECTOR IN 2022

Total Recycling Rate: **16%**



INDUSTRIAL, COMMERCIAL, INSTITUTIONAL SECTOR (ICI) IN 2022

Total Recycling Rate: **11%**



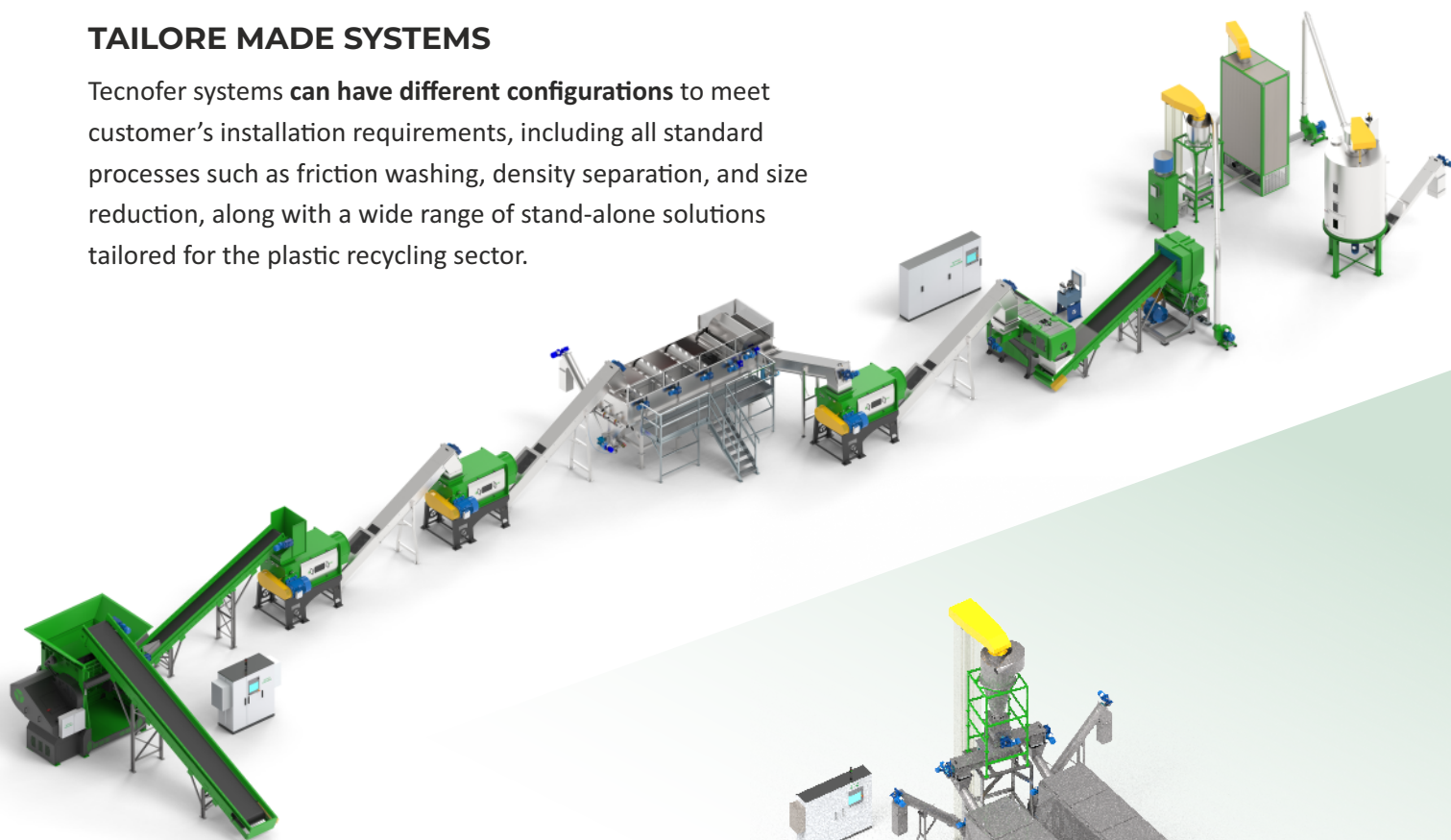
Source: Canada-wide Plastic Packaging Flows (2024 Progress Report Summary)

FILM WASHING LINE



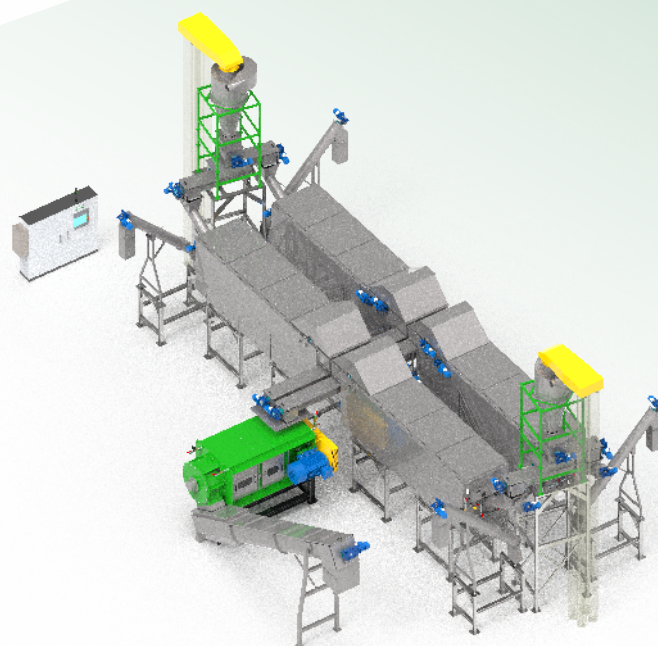
TAILORE MADE SYSTEMS

Tecnofer systems **can have different configurations** to meet customer's installation requirements, including all standard processes such as friction washing, density separation, and size reduction, along with a wide range of stand-alone solutions tailored for the plastic recycling sector.



HOT WASHING SYSTEM

Intensive hot washing cleaning system for film, customizable according to customer's needs.

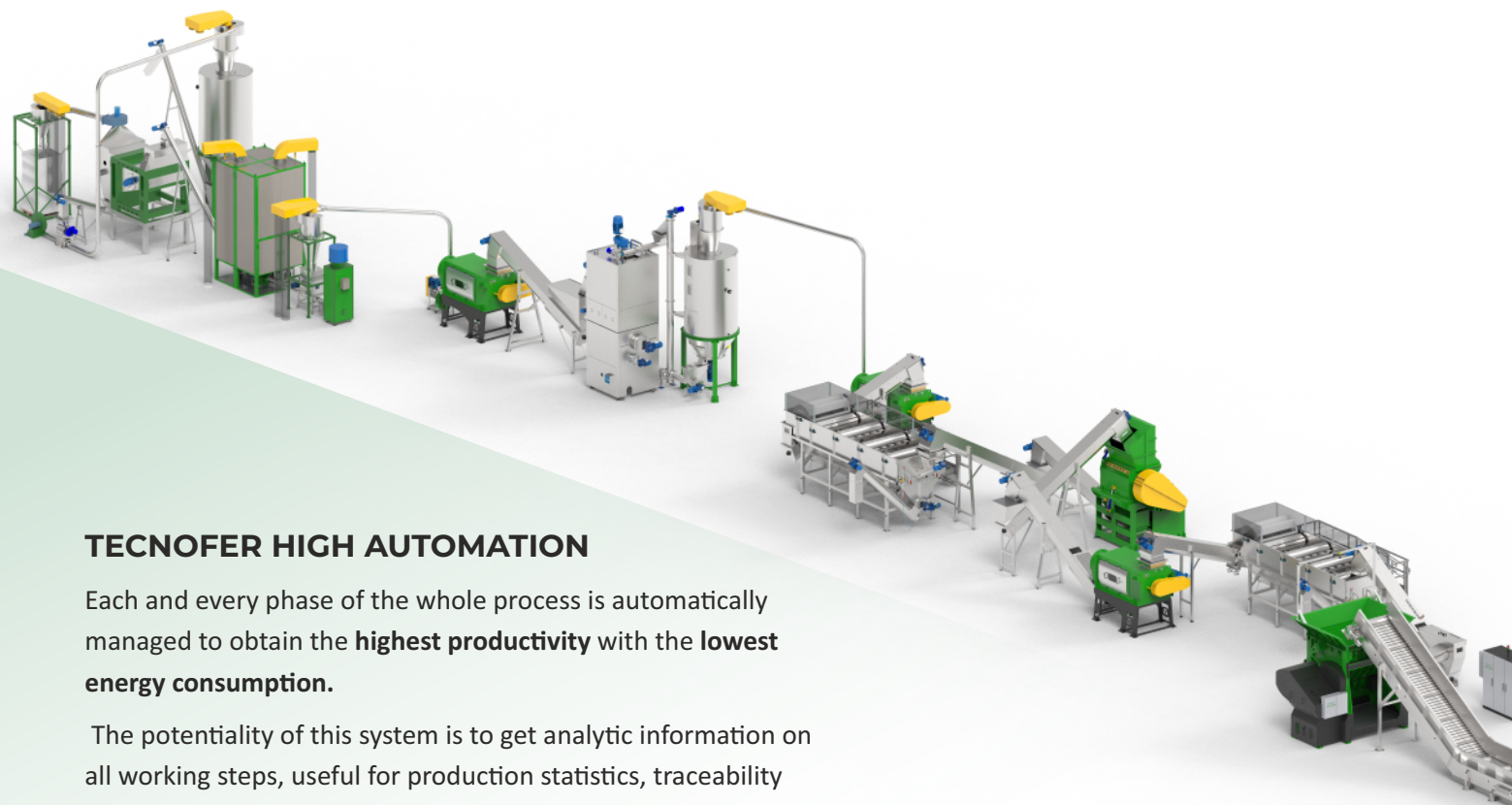


DRYING SYSTEM

Top performing drying system for plastic film, where Mechanical and thermal drying systems are combined to ensure maximized extrusion stream.

RIGID WASHING LINE

HDPE-PP AND PET PLASTIC MATERIALS



TECNOFER HIGH AUTOMATION

Each and every phase of the whole process is automatically managed to obtain the **highest productivity** with the **lowest energy consumption**.

The potentiality of this system is to get analytic information on all working steps, useful for production statistics, traceability and optimization of production management.

RETROFITTING OF EXHISTINGS LINE

With over 50 years of experience in designing and building complete plastic washing systems, we are also able to support upgrades on existing lines, with a focus on three main goals:

- Improving the **cleaning quality** of the final flakes
- Eliminating **bottlenecks** to **increase overall throughput**
- Reducing **residual moisture** in the flakes





Designed to perform. Built to last.

"We prioritize delivering top-notch quality and performance without compromise. Trust is at the heart of our promise."

For further information, please get in touch with our trusted local partner.



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