



**GREEN  
EQUIPMENT**  
EXCHANGE

SUSTAINABLE ASSET RECOVERY

# What Is the Green Equipment Exchange



The Green Equipment Exchange is a sustainable asset recovery program that provides a comprehensive solution for the removal of all depreciating cleaning equipment assets from organizations facilities. This program is designed to divert 100% off all plastics and hazardous material from our environment through responsible recycling, dismantling and refurbishing practices while bridging the gap between asset purchase and replacement by assigning monetary value to unused capital assets, resulting in a complete and sustainable asset recovery process.

The Green Equipment Exchange assists organizations in recovering a portion of their initial equipment investments by providing monetary value in the form of **Green Credits** on all exchanged assets, resulting in a valuable purchasing advantage to off-set future costs. This further incentivizes organizations to make sustainable decisions in adopting replacement assets optimized with performance features to conserve 50% more water and energy resources, increasing daily efficiencies and productivity with 99% more efficient charging properties.

**EXPECTED DIVERSION OF 150,000 POUNDS BY 2025.**

# 100%

Through the Green Equipment Exchange, we prevent 100% of plastics and other hazardous materials from entering landfills caused by traditional disposal methods, with a goal of diverting 150,000 pounds of plastic by 2025. Our efforts will provide a significant improvement to our landfills, eliminating pollution in our environment and preventing the release of harmful toxins into our ecosystem, soil, and water sources.

This program further enhances our circular economy by utilizing innovative technologies in asset refurbishing, directly strengthening the sustainable consumption and production patterns in our industry.

## OUR SOCIAL & ENVIRONMENTAL IMPACT

In addition to environmental benefits, our efforts will create new job opportunities in our communities and allow organizations to collaborate and build on their sustainability goals.

The Green Equipment Exchange brings awareness through education on the improvement of resource efficiency and making sustainable purchase decisions, directly enhancing our environmental and social impact within our communities and providing a complete solution to sustainable asset recovery.



# Green Equipment Exchange Program Details



The Green Equipment Exchange is a 4-Step Program that is conducted by ICS Clean and in partnership with Nilfisk-Advance Canada and Reclaim Plastics British Columbia.

Organizations will receive a Certification of Sustainable Deconstruction to certify all materials of each exchanged asset has been securely and safely recycled, repurposed or refurbished in compliance with all regulatory requirements to ensure our sustainability and social responsibilities have been met.

## Equipment Assessment

All organizations will be provided a certified equipment service manager through ICS Clean who will be dispatched to compile necessary information on qualified assets to evaluate current state and market value. The information required to complete this assessment includes serial number, year of purchase, hour meter reading, general machine wear and damage and battery solvability.

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## Evaluation

Each organization will be provided a comprehensive machine overview, market evaluation and standing estimated value of each piece of equipment. This evaluation is completed by running machine specifications against current market values and internal manufacturing information resulting in clear and fair market assignments for your assets.

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## Green Credits

All assets will be individually assigned a Green Credit value based off the Equipment Assessment and Evaluation information. Each Green Credit must be redeemed on the purchase of any new equipment asset within (1) year of exchange through ICS Clean. Green Credits cannot be accumulated to (1) machine purchase. ex: 2 Green Credits require 2 new equipment units. **Please see example under Technical for more information.**

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## Removal

The Green Equipment Exchange will arrange safe and sustainable removal of all equipment assets from any of the organizations facilities. Once the removal is complete, each asset will be assigned to its appropriate exchange stream; recycling or refurbishing. All assets will be provided a Certification of Sustainable Deconstruction, certifying all materials of each asset have been securely and safely recycled, repurposed or refurbished in compliance with regulatory requirements.

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# Discover The Process

## ABOUT RECLAIM PLASTICS



Reclaim Plastics is an award winning sustainable recycling business, building leadership through customized sustainable recycling solutions.

Reclaim plastics uses lab testing equipment to ensure 100% of all plastic is accurately identified and 100% recycled, providing transparency and assurance throughout our communities.

Reclaim plastics not only processes these materials but works directly with partners to create entirely new products with the recycled input- such as plastic piping, landscape edging, commercial containers, or even new car parts; enhancing our circular economy and helping to contribute to a more sustainable planet.

In partnership with Reclaim Plastics, the Green Equipment Exchange will ensure 100% of all plastic material of your asset is recycled.

After dismantling, each machine's plastic components undergo lab testing to ensure each type plastic material is properly identified and streamed to the appropriate recycling practice of that specific material, ensuring absolutely no plastic content ends up in our land fills.

These plastics are processed into entirely new products from the plastic recycled content such as building materials, commercial containers and even car parts.



In partnership with Canadian Energy, the Green Equipment Exchange transfers and recycles all batteries remaining in equipment assets to ensure proper recycling practices are adhered. Through this process, lead from these batteries is used to produce ingots, battery acid pH is neutralized and the plastic casings are cleaned and processed into plastic pellets for circular use.

More than 98% of all lead and plastic is recycled through this partnership.

## DID YOU KNOW?

The current industry landscape is dominated by use of lead acid batteries, although very efficient for energy purposes the acid, plastic and metals in these batteries can be extremely harmful to our environment if disposed of incorrectly through traditional methods.

As a part of the Green Equipment Exchange, our team of equipment service specialist at ICS Clean will take the time to assess all assets within this exchange uniquely.

Within the evaluation process, each unit will be assigned to a specific stream, refurbishing or recycling. If refurbishing is viable, our technicians will carefully examine and complete a full inspection to identify any faulty or worn-out parts requiring replacement. Once refurbished with OEM parts, the unit is thoroughly cleaned and sandblasted in preparation to be sold or rented.

Our refurbishing process combines quality with cost-efficiency, eliminating the potential waste of quality parts and machinery while further enhancing our circular economy through innovation, directly strengthening the sustainable consumption and production patterns within in industry while ensuring our refurbished products are available to the flourishing second-hand market.



# Our Impact Statement & Commitment



Before 2018, British Columbia removed all its plastic waste through shipping this material to China. Once this practice was phased out our government faced several issues in recycling the plastics throughout our communities. Our challenges remain in finding alternative markets for plastic waste, increasing recycling infrastructures and capacity, managing the increased volumes of our plastic waste within our province and addressing environmental concerns related to plastic pollution.

In Canada, our plastic waste crisis continues to escalate, with over 3 million tonnes of plastic being discarded every year. Shockingly, only 9% of this waste is recycled, leaving the remainder to haunt our landfills and water systems. This persisting issue poses a constant burden on our environment and jeopardizes the overall health of our communities.

Through initiatives like the Green Equipment Exchange, we can effectively address this global predicament surrounding plastic consumption and disposal methods. Our primary objective is to achieve a tangible reduction in the amount of materials ending up in landfills. Simultaneously, we aim to provide organizations with a closed-loop solution, ensuring e minimal adverse impacts on our global economy through improper disposal.

To accomplish these goals, we must take deliberate and circular actions that promote responsible consumption and production patterns of plastic assets throughout our industry. By implementing sustainable practices and technologies, we intend to strengthen the reuse market, refurbishing existing materials and products. Through these strategic efforts, we foster an environment of responsible resource consumption.

It is imperative that we recognize the urgency of this situation and take immediate action. By adopting best practices and embracing the concept of a closed-loop system, we can significantly reduce the amount of plastic waste ending up in landfills, safeguarding our environment and ultimately strengthen our economy by building jobs in refurbishing and material processing to ultimately build a healthier future for all. By adopting the circular policies set fourth in our Green Equipment Exchange we can reduce resource demand by 28% and greenhouse gas emissions by up to 39%.

Let us come together and be the pioneers of change, setting an example for the rest of the world to follow and reach our goal of diverting 150,000 pounds of plastic by 2025. Together, we can make a lasting impact and preserve our planet for generations to come.