



NATURE IS THE WORLD'S LARGEST NURSERY

RESTART provides you access to nature's current and historical propagule bank for your reforestation project. The forest floor contains a nutrient and biologically rich growing medium and the most abundant supply of a diverse mix of native propagules.

ADVANTAGES OF RESTART

A better end result than ever before

- Improves efficiency of direct placement.
- Maximized use of forest floor - one hectare of salvaged material can reclaim up to 50 hectares of disturbed land.
- Decreases cost and simplifies logistics to transport and deliver to the forest floor.
- Allows for sharing of forest floor between areas requiring re-vegetation.

- Improves survivability and competitiveness of vegetation establishing from forest floor.
- Preserves seeds, vegetative propagules, nutrients, fungi, microorganisms and organic matter contained in forest floor.
- Can be applied underneath an established tree cover where conditions are more suitable for understory growth.
- Placement of RESTART creates microsites
- Can be applied to peatland, native grassland and tundra.

Get started today:
acden.com/acdenvertex
and vertex.ca

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RESTART

Changing the Future of Reforestation



INNOVATIVE TECHNOLOGY

Everything we need to restore a biodiverse ecosystem in a cost effective way, is right at our fingertips.

RESTART involves the process of compressing forest floor to reduce its volume and concentrate the biota, making storage and transport economically efficient while improving the survivability of vegetation. As a result, RESTART enhances biodiversity and ultimately changes the future of reforestation.

ENHANCE BIODIVERSITY

Establish plants not typically available from nurseries.



WILDLIFE HABITAT

Create wildlife habitat by targeting key species.



ENHANCE FUNCTION AND VALUE

RESTART provides a valuable source of native plants, seeds and vegetative propogules, which are often not commercially available from conventional sources. RESTART also contains microorganisms, fungi and organic matter that contributes to the growth of vegetation and are not contained in traditional seed mixes or incorporated with planted seedlings.

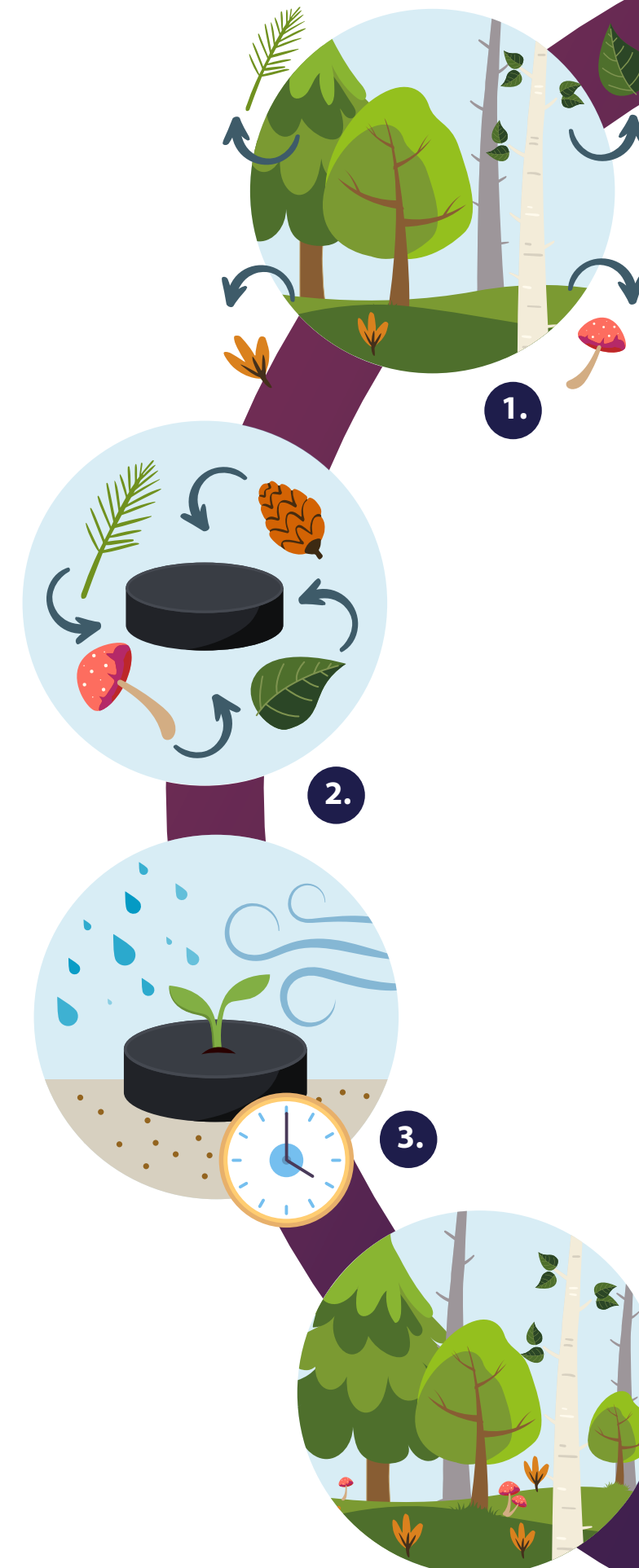
NATIVE PLANTS

Target and establish native plants to maintain a balanced ecosystem.



TRADITIONAL ECOLOGICAL KNOWLEDGE

Preserve and establish traditional use plants.



THE RESTART PATENTED REFORESTATION PROCESS

1. COLLECT

Collection areas are strategically selected to ensure a high abundance of desirable species. Forest floor is then salvaged and the seeds and native vegetative propogules are concentrated along with microorganisms and nutrients.

2. PROCESS

A wetting agent is applied to the concentrated forest floor to enhance the binding properties of the material. RESTART is then compressed to enhance growth, moisture retention and propogule to soil contact. RESTART is frozen to stabilize the material, to improve integrity and ease transport.

3. REDISTRIBUTE

RESTART can be redistributed in target areas such as upland forest, peatland, under canopy cover and along seismic lines. Transporting over long distances becomes extremely cost effective, compared to conventional direct placement, due to the compression process.

4. ESTABLISH

RESTART will allow for the rapid spread of vegetation from forest floor. As a result, there will be a prompt reestablishment of local vegetation including species that are commercially unavailable.

Patent Pending

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