After many years on the job, they can last hundreds of years as an environmental legacy for generations of Saskatchewan residents who weren’t even born when they were made.

- Durable
- Long lasting
- Virtually indestructible
- Definitely not bio-degradable

Like in 1990, when over 12 million tires in Hagersville, Ontario caught fire and burned for over 17 days. It contaminated water wells and forced 1700 people to evacuate the toxic fumes.

Unfit for landfills, tires become prime breeding grounds for mosquitoes, rats and mice. Not to mention, a huge fire hazard.

Saskatchewan produces more than 1.5 million tires each year, year after year!!!

That’s more than 41 million pounds of engineered rubber per year!!!
There are 3 phases in our program:

**Phase 1 – Current Generation Tires**  
Daily activity of gathering scrap tires accumulated at the retail level.

**Phase 2 – Municipal Landfill Cleanup**  
Involved removing tires from registered landfills in Saskatchewan.

**Phase 3 – Private Stockpiles**  
Involves removing stockpiles from private lands like farmland and urban residential property.

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In the Spring of 2010, the SSTC launched a regional pilot project to test various methods. In 2012, a total of 81 businesses took part, and combined, over 104,000 tires equaling 5.5 million pounds were collected by non-profit service groups. Over $82,000 was paid out to local non-profit organizations.

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R2R is a new program that began as a pilot project in Regina in 2012 as an effort to remove orphan tires from urban residents. It was designed to provide residents with an opportunity to drop off a small, manageable number of rimless scrap passenger car tires, free of charge to select retailers.

SSTC in partnership with Canadian Tire, Kal Tire and Quality Tire locations, collected over 2700 tires.
Be Tire Smart Campaign

Be Tire Smart (BTS) is an advocacy campaign of the Rubber Association of Canada with a goal of educating motorists about the benefits of proper tire inflation and maintenance. Things like proper tire pressure, alignment, rotation and tread helps save fuel and helps tires last longer.

This is a case where inflation is a good thing! But, at the end of the road, every tire needs to be retired to a new productive life…

Community Demonstration Grant Program

Promotes and encourages communities and non-profit organizations to undertake projects that make use of recycled tire products made in Saskatchewan. Each project serves as an example of environmental stewardship and innovation.

Approximately $30,000 in grants are provided each year to use in rubber playground surfacing, rubber matting and sports field turf.

Re-tire, Re-Claim, Re-cycle

The SSTC is responsible for the system that collects and transports those millions of tires from all over the province to be processed at recycling facilities right here in Saskatchewan.

There are 1,350 Tire Retailers in the province.

• Tire Retailers
• 3 Collection Companies
• Responsible for the pick up and transportation of tires

Collectors

Shredding

Roughly half of tires are turned into shred.

Shredding is an industrial strength process that tears tires apart and turns it into rubber aggregate that replaces rock and stone.

All scrap tires that are collected are delivered to these processing facilities.

Shercom Industries Inc.
Saskatoon, SK

Assiniboia Rubber Recycling
Assiniboia, SK

Shred is known to:

• Increase drainage in roadways or soft areas,
• Reduce erosion
• Reduce frost damage to roads
The second recycling process chops and grinds the shred further into what is known as crumb. Crumbs are smaller and more uniform in size. Using heat, pressure, color dyes and modern bonding materials, crumb can be molded into useful products.

Examples of products are:
- Paving Tiles
- Sports field turf
- Playground surfacing
- Speed bumps
- Loose playground material

Crumb can be used in paving applications and when done so, it looks like asphalt but it is soft, water-proof, weather-proof and safe!

Paving highways!
The benefits of paving with rubber asphalt are endless!
Rubber asphalt:
- Reduces Reflective Cracking and Rutting
- More cost effective
- Improves skid resistance
- Reduces Maintenance Costs
- Reduces Road Noise

Over 600 km of Saskatchewan roadways have been paved using over 550,000 tires

Energy Recovery
Energy recovery is the fourth way to recycle scrap tires. Although we do not use this method currently, tires can be used as a supplement in place of oil, coal or other fuels.

Since its inception, the SSTC has:
- Removed historical scrap material from over 300 landfills.
- Diverted over 20,000,000 tires from landfill disposal.
- Have seen over 600 km of highways paved with rubberized asphalt.
- Removed tire stockpiles from private land in 81 municipalities through the Black Gold Rush Program.
- Gave back to over 65 communities through the Community Demonstration Grant Program.

Repurposing
The third form of recycling is repurposing, where large portions of tires can be made into products such as:
- Blasting mats
- Water troughs
- Snow plow blades

The Saskatchewan Scrap Tire isn’t just about making tires eco-friendly, it’s about helping you and I be more eco practical...

So, by collecting, transporting, processing and transforming this durable product, the SSTC makes it possible for all of us to lessen our impact on the environment for future generations!
For more information on the SSTC and programs we offer please visit our website:

www.scraptire.sk.ca