



## The enhancement of residual plastic materials

### 4 strategic axes :

- Unite the actors of the plastics processing industry ;
- Promote scientific and technological development ;
- Develop technologies to enhance residual plastic materials ;
- Encourage applied research and knowledge transfer.

5000 billions of plastic bags are produced annually **and the majority ends up as detritus in the environment.**



**THE SOLENO INNOVATION POLE** mobilizes the skills of its collaborators and partners around a major environmental and social issue; the enhancement of residual plastic materials.

The Soleno Innovation Pole's objective is to draw and unite the multidisciplinary expertise to find lasting solutions to the problems surrounding the recycling of residual plastic materials that are threatening the environment.

Today, the Pole detains a world class laboratory which combines the expertise of private, governmental and academic partners. In collaboration with these partners, the Pole aims to include the training and monitoring of a highly qualified work force in the field of plastics processing industry.

The Soleno Innovation Pole symbolizes our willingness to contribute to the changes in the actual practices to reduce the impact of residual plastic materials on the environment. By stimulating scientific research, we intend to develop technologies to transform these previously destined to be buried or exported recyclable plastic materials, into environment efficient and respectful products.

To learn more or be part of the Soleno Innovation Pole, contact us at [poleinnovation@solenopro.com](mailto:poleinnovation@solenopro.com).



## Our Company

Soleno is a leader in providing sustainable solutions for the control and management of storm water.

First recognized for its HDPE pipes, Soleno now distinguishes itself with its wide range of solutions to solve problems related to collecting, conveying, treating and storage of storm water, for the infrastructure, natural resources, agricultural development and residential sectors.

Most Soleno products are made of high-density polyethylene, a durable and resistant material with a lifespan that can exceed 100 years. The products are mainly manufactured at the Saint-Jean-sur-Richelieu plant in Quebec.

Today, Soleno represents a group of four business units, including Soleno, Soleno Recycling, Soleno Service and Soleno Textile, which employ nearly 400 workers.

## Our Sustainable Engagement



Soleno is one of the most important high-density polyethylene (HDPE) recycling company in Eastern Canada. With its Soleno Recycling plant, Soleno recycles and conditions polyethylene that come from both domestic and industrial use. More than 100 millions of plastic containers are recycled annually. As well, in partnership with a social economic company, Soleno allows 65 people with functional disabilities to enter the labor market.

The materials that result from this process are mainly reused in the products and, due to the scientific research directed by the Soleno Innovation Pole, we intend to increase the quantity and quality of our products, made partly of recycled materials, to surpass the performance criteria of legislative standards. Wherever the norms allow it, Soleno integrates recycled materials to create an efficient and environmentally respectful product.

Thereby, from the sorting center to the finished product, Soleno represents a model of circular economy. As an ECOLEADER of the Quebec industries through its obtainment of the Ecoresponsible Sustainable Development certification sponsored by the Sustainable Industries Council (CSI), Soleno was awarded the LEVEL 1- ENGAGEMENT from the ECORESPONSABLE certification program.

In 2018, Soleno engaged in the new program to obtain the LEVEL 2 - PERFORMANCE and, thereby obtained, by the Council for sustainable industries (CSI), the ECORESPONSABLE certification - Ecodesigned Product, for distinct lines of products.

To learn more about Soleno, visit us at [soleno.com](https://www.soleno.com)