

ALWAYS-ON SUSTAINABILITY.



Whether we're targeting climate transition, working to preserve balance in natural habitats, or partnering with you to provide technical service at every step, we're ready to go the distance for a better future.



SOLENO
MASTERING WATER SUSTAINABLY



TRANSFORMING WASTE INTO SUSTAINABLE SOLUTIONS

This corporate priority has led Soleno to make decisions and take concrete action over the past few years, particularly in the areas of recycling and industrial symbiosis, in order to reduce its consumption at the source. Several examples demonstrate Soleno's involvement in this area.

SUSTAINABLE INFRASTRUCTURES

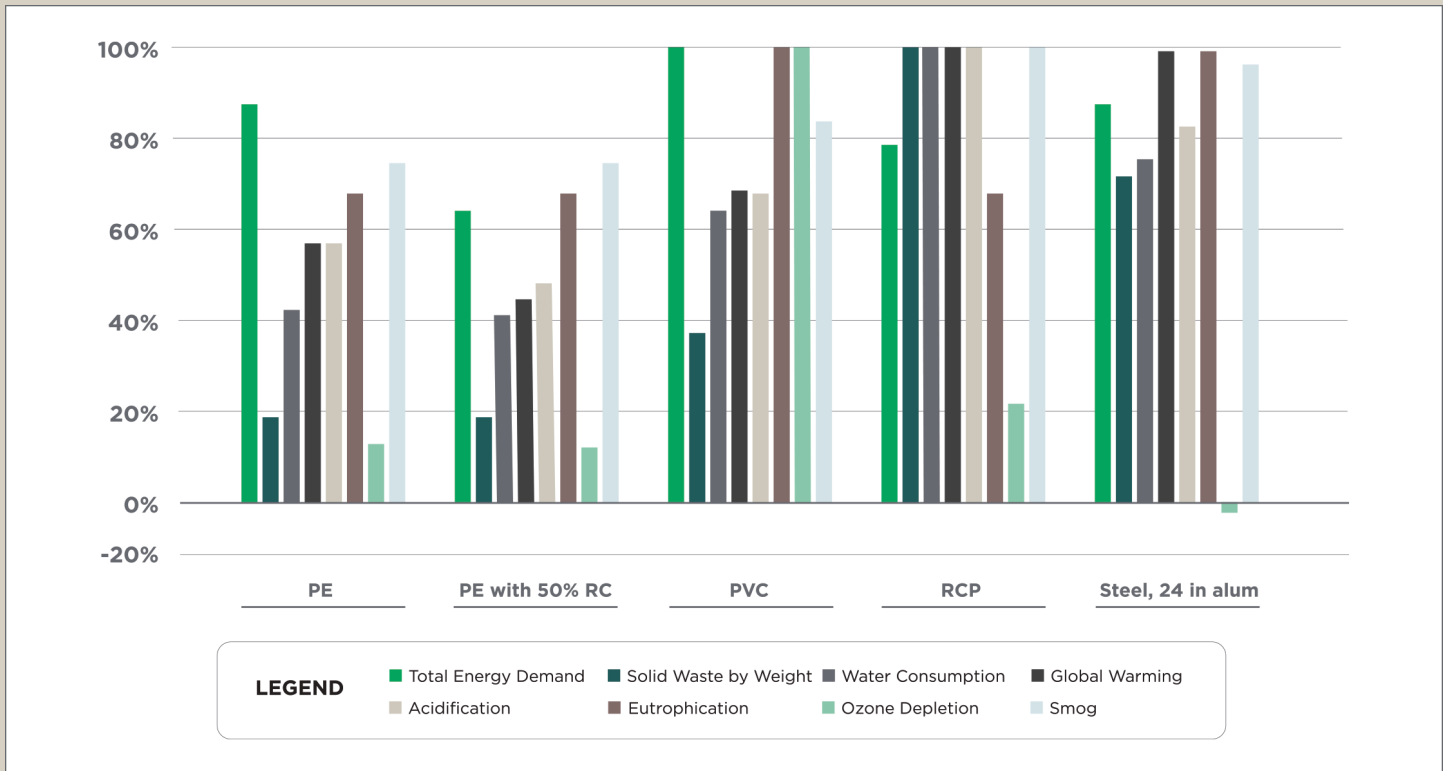
With its inherent ductility, durability, chemical and corrosion resistance, and proven performance capability in extremely demanding applications such as potable water, natural gas distribution, nuclear safety water, and numerous others, HDPE pipe has become the most ecological and cost-effective choice for water management, ensuring long infrastructure life.

This material is a much better choice than concrete and other materials, thanks to its life-cycle cost and low environmental footprint.



ENVIRONMENTAL FOOTPRINT

In a life cycle analysis¹ conducted by Franklin Associates on drainage alternatives, the global warming potential for corrugated HDPE pipe was found to be 59% lower than that of reinforced concrete pipe.



¹ LIFE CYCLE ASSESSMENT OF NORTH AMERICAN MUNICIPAL STORMWATER PIPE SYSTEMS. March 2020. Franklin Associates, A division of ERG. Prepared for The Plastics Pipe Institute.

HDPE, THE ALTERNATIVE OF THE FUTURE

High-density polyethylene (HDPE) is not only cost-effective, but also the most environmentally friendly option for water management.

Thanks to its life-cycle cost and reduced environmental footprint, HDPE has emerged as an improved choice over concrete.



WHY CHOOSE HDPE?



Extremely performant and durable, with a lifespan that can exceed 100 years



Resistant to corrosion, abrasion, de-icing salts, and vibration, for a long infrastructure life



Soft and flexible for excellent impact resistance at temperatures ranging from -20°F to 190°F



Easy to handle in any situation and less brittle than PVC or concrete



Approximately 21x lighter than a concrete pipe of the same diameter, lowering transport costs and requiring no specialized equipment for an easier installation

OUR COMMITMENTS

Building tomorrow's water solutions today

Customizing sustainable solutions for a better future

Teaming up with communities to innovate the way we manage water

SOLENOUSA.COM

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OUR PRODUCTS AND
SOLUTIONS ARE DESIGNED
AND MANUFACTURED
TO THE HIGHEST STANDARDS

