



Itelyum specializes in the regeneration of used lubricating oils, the purification of chemical wastewater and petroleum fractions, and the responsible management of a wide range of industrial waste. Through advanced technologies and ongoing investment, Itelyum helps conserve natural resources and enhance quality of life by delivering sustainable processes, products, and solutions for waste management and market optimization. With sixty years of industrial experience, the company has been guided by the principles of the circular economy – long before it became widely recognized as the model for the future– engaging customers, suppliers, institutions, and both local and global communities in creating economic, environmental, and social value.

Value for the market, for society and for the environment

Through its products, services, and partnerships, Itelyum is deeply integrated into the market, delivering competitive, sustainable solutions with strong environmental and social value.

Regeneration is the process that best recovers the value of collected used lubricating oil, offering significant advantages over the production of virgin base oils. It extends the life cycle of lubricants through advanced technologies that produce high-quality regenerated base oils and other products, which are reintroduced into industrial and transportation applications.

The treatment of wastewater from the chemical and pharmaceutical industries creates value by generating products for the same end markets, as well as for additional applications. Solvents obtained from the distillation of virgin petroleum fractions -produced and marketed by the company- along with chemical intermediates, further expand the product portfolio, benefiting the same sectors and companies from which the wastewater originates.

Vertical integration in waste management reduces the time and distance between waste generation and recovery, optimizing collection, transport, storage, and treatment. This approach enables comprehensive services for large industrial clients while delivering clear environmental benefits, including in port areas.

Local presence and global reach

<p><b>55</b> Companies</p>	<p><b>60.000+</b> Customers</p>
<p><b>86%</b> Circularity Index 2024</p>	<p><b>60+</b> Countries served</p>

## REGENERATION SOLUTION

Regeneration Solutions includes the activities of Itelyum Regeneration S.p.A., a European leader for over 60 years in producing high-quality regenerated base oils through a proprietary, patented re-refining process.

Using advanced technologies such as catalytic hydrogenation, the company's regeneration plants process used lubricating oils into high-performance, sustainable base oils supplied to leading global lubricant manufacturers.

This technological and operational excellence ensures chemical, physical, and performance properties that are equal to -or in some cases superior to- those of base oils derived from primary crude oil

refining.

The Group I+ and Group II+ base oils produced are well suited for a wide range of automotive and industrial lubrication applications, meeting the most stringent performance and environmental standards required by modern lubricants.

The used oil recycling facilities in Pieve Fissiraga (LO) and Ceccano (FR) have a combined processing capacity of approximately 200,000 tons per year, producing primarily regenerated base oils, as well as diesel fuel and bitumen.

Completing this circular model, all of Itelyum's regenerated base oils are certified for their environmental performance.

## PURIFICATION SOLUTION

Purification Solutions encompasses the operations of Itelyum Purification S.p.A., which for over 40 years has been a leader in the production, marketing, and sustainable use of organic solvents across their entire lifecycle, including their recovery to End-of-Waste status.

The Landriano (PV) facility features flexible, high-performance distillation units and a fully integrated multipurpose chemical synthesis department. The logistics and packaging site in Rho (MI), together with the French company Soledi, completes the industrial network, providing automated blending and packaging capabilities for solvents and related products. Each year, the company regenerates or recovers up to approximately 100,000 tons of used solvents, primarily from the fine

chemicals and pharmaceutical sectors. Production capacity also includes 100,000 metric tons of pure products derived from selected petroleum fractions, technical streams, and virgin raw materials, with a growing focus on replacing fossil-based inputs with certified bio-based alternatives.

The company also manufactures pharmaceutical intermediates and custom products through advanced organic synthesis processes, leveraging synergies with its solvent regeneration activities.

These operations are further strengthened and complemented by SAFECHEM, a global leader in the development and delivery of innovative products and services for organic solvents and chemicals across a wide range of applications, with a strong emphasis on safety and sustainability.

## ENVIRONMENTAL SERVICES

Environmental Solutions brings together, manages, and coordinates a network of 40 companies operating across 31 sites throughout Italy. These operations responsibly handle more than 2 million metric tons of industrial waste each year, including approximately 500,000 metric tons related to handling and services.

Supported by a land and maritime fleet of around 800 specialized vehicles, along with deep sector expertise, the organization delivers a comprehensive range of environmental services nationwide. Its strong regional presence plays a key role in enabling vertical integration across the waste management value chain.

Active in every phase of both land-based and port waste management -from collection, storage, and transportation to

pre-treatment and final treatment- the company also provides brokerage services, environmental consulting, and safety management. It delivers high-value solutions for large industrial clients, including the management and maintenance of water networks and supply systems, as well as demolition, remediation, environmental restoration, and industrial plant revamping.

A strategic approach, combined with technical expertise and advanced systems, ensures full traceability and transparency in both environmental and administrative processes. This enables the company to prioritize recycling and recovery options over other forms of disposal.

Itelyum, one of the global pioneers of the circular economy, is a national leader and recognized international player in and industrial waste recovery.

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