


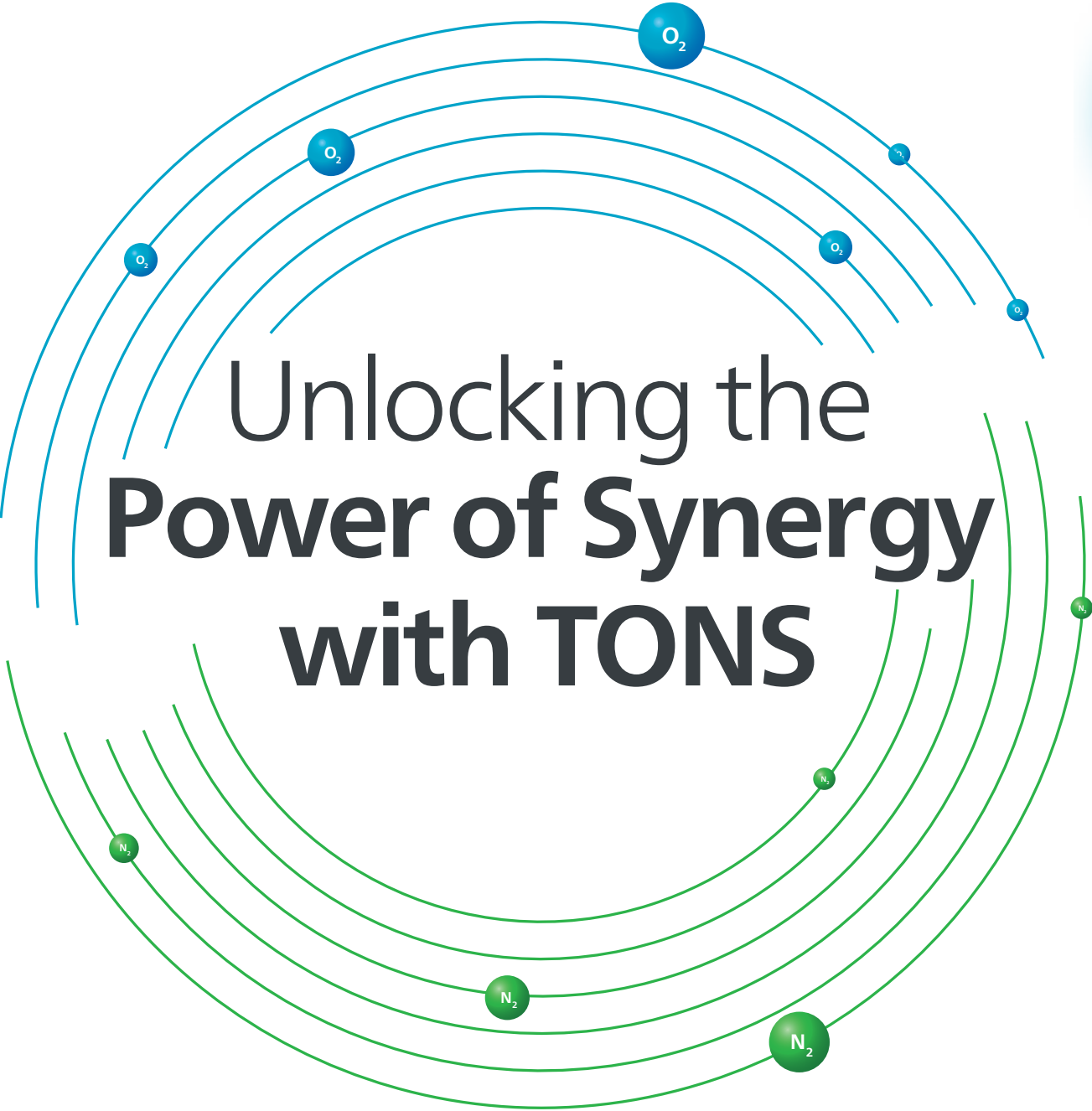


Atlas Copco



TONS

Total Oxygen and
Nitrogen Solutions

A diagram consisting of several concentric circles. The top half of the circles is blue and contains several small blue circles, each labeled with the chemical formula O_2 . The bottom half of the circles is green and contains several small green circles, each labeled with the chemical formula N_2 .

Unlocking the Power of Synergy with TONS

TONS
TOTAL OXYGEN &
NITROGEN SOLUTIONS

Is your current oxygen and nitrogen supply chain creating a roadblock for your budget, production quality, process efficiency, energy consumption, and environmental footprint?

TONS elevates your business with a specially designed ecosystem of the entire oxygen and nitrogen range, keeping your requirements in mind, in one place.

You can now
reduce up to **90%**
of your total cost of
ownership!

Why TONS?

TONS offers a revolutionary, integrated solution designed to streamline your on-site oxygen and nitrogen demands.

Our comprehensive ecosystem provides **unparalleled control and flexibility**, encompassing the entire oxygen and nitrogen product range and **aftermarket support**. We prioritize **optimizing your operational excellence**, saving you time, energy, and resources.

By eliminating reliance on external suppliers and minimizing transportation needs, TONS significantly **reduces your environmental footprint and energy consumption**.

We ensure **reliable on-site generation** of gases, meeting all your specific requirements with unmatched efficiency.

This unified system intelligently tailors oxygen and nitrogen generation to your exact needs, leading to **measurable improvements in production quality, process efficiency, energy consumption, environmental impacts and gas purity**.

As the **single source for both upstream and downstream solutions**, TONS empowers you to take complete control of your oxygen and nitrogen requirements and you could **save up to 90% of your total cost of ownership**.

Dryers

Extracting moisture from the air and leaving it crisp and clean.



Air Compressors

The heart that pumps the lifeblood...Air!



Filters

Capturing and removing impurities with unwavering precision.



Central Controller

The brilliant conductor of the orchestra.

Energy Recovery

Recover and Reuse compressor waste heat.



Gas Generators

The Alchemists

Providing the right gas, at the right time with right purity.





Experience TONS of Benefits!



Significant cost reductions

By eliminating external gas deliveries and storage, on-site oxygen and nitrogen generation eliminates recurring costs associated with supplier price increases, transportation, handling, and storage facilities.



Total Maintenance Responsibility Plan

We commit to take complete care of every component of your oxygen and nitrogen system supplied by us, with on-time maintenance by expert service engineers, genuine parts, proactive upgrades and improvements, and drive line overhauls.



Uninterrupted onsite supply

Our on-site solutions guarantee a reliable and continuous flow of oxygen and nitrogen, freeing you from dependence on external suppliers, particularly crucial for your applications.



Reduced environmental footprint

On-site generation significantly reduces your carbon footprint. Eliminate transportation and liquefaction emissions. Traditional bulk gas supply by trucks emit greenhouse gases. On-site generation significantly reduces your carbon footprint.



Exact gas purity

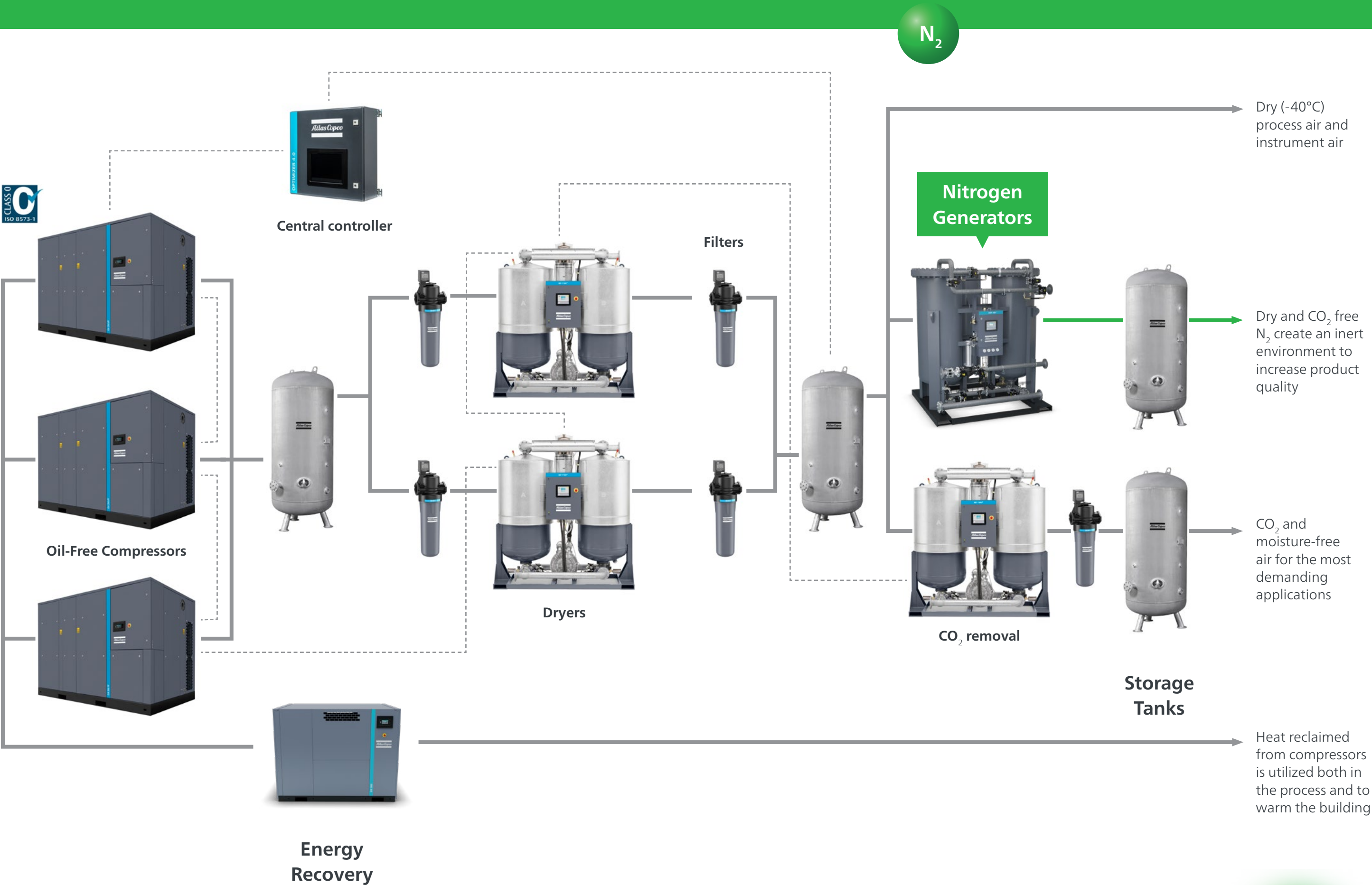
Only produce the purity you need when you need it. Focus on optimal output with exact requirements met.



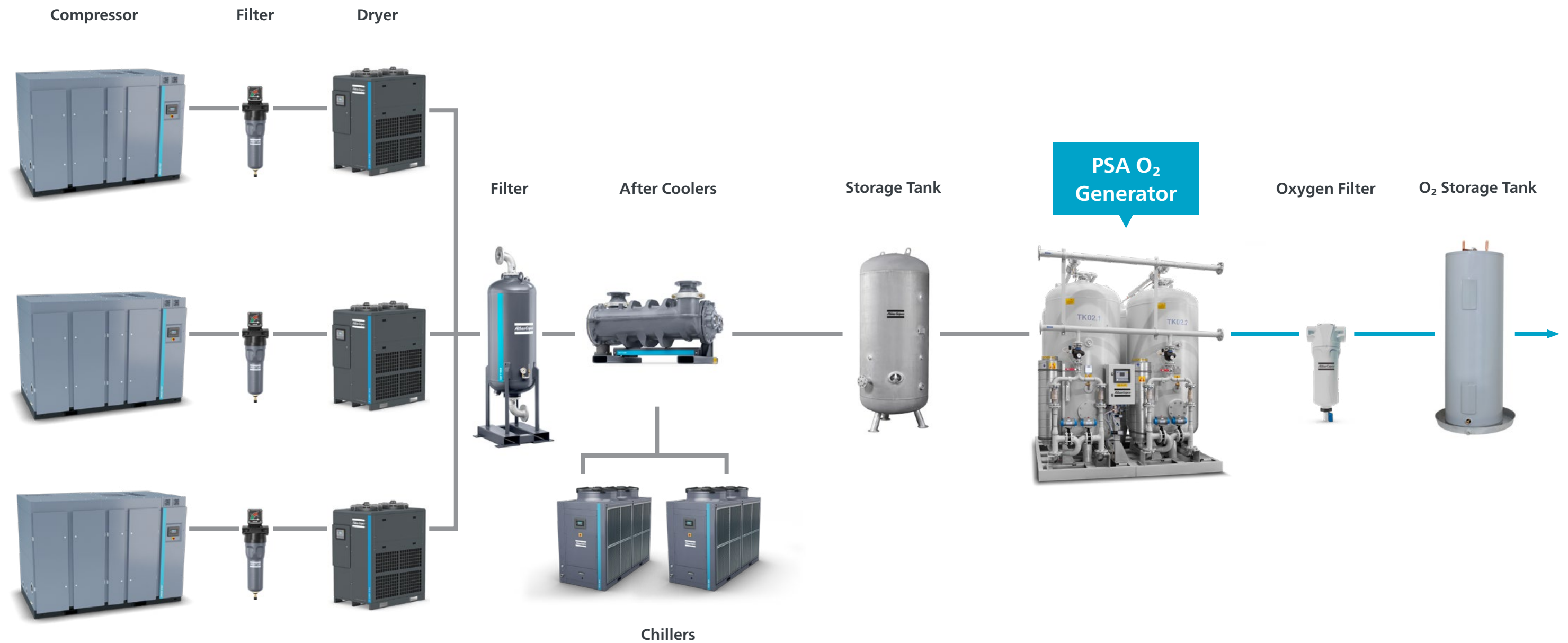
Enhanced energy efficiency

Our on-site oxygen and nitrogen generation systems are meticulously designed for optimal energy efficiency. Equipped with Class Zero VSD compressors, they minimize energy consumption, contributing to our commitment to low-carbon operations. Energy Recovery Solutions efficiently capture waste heat from the compressors, recovering up to 94% of the electrical input power as heat.

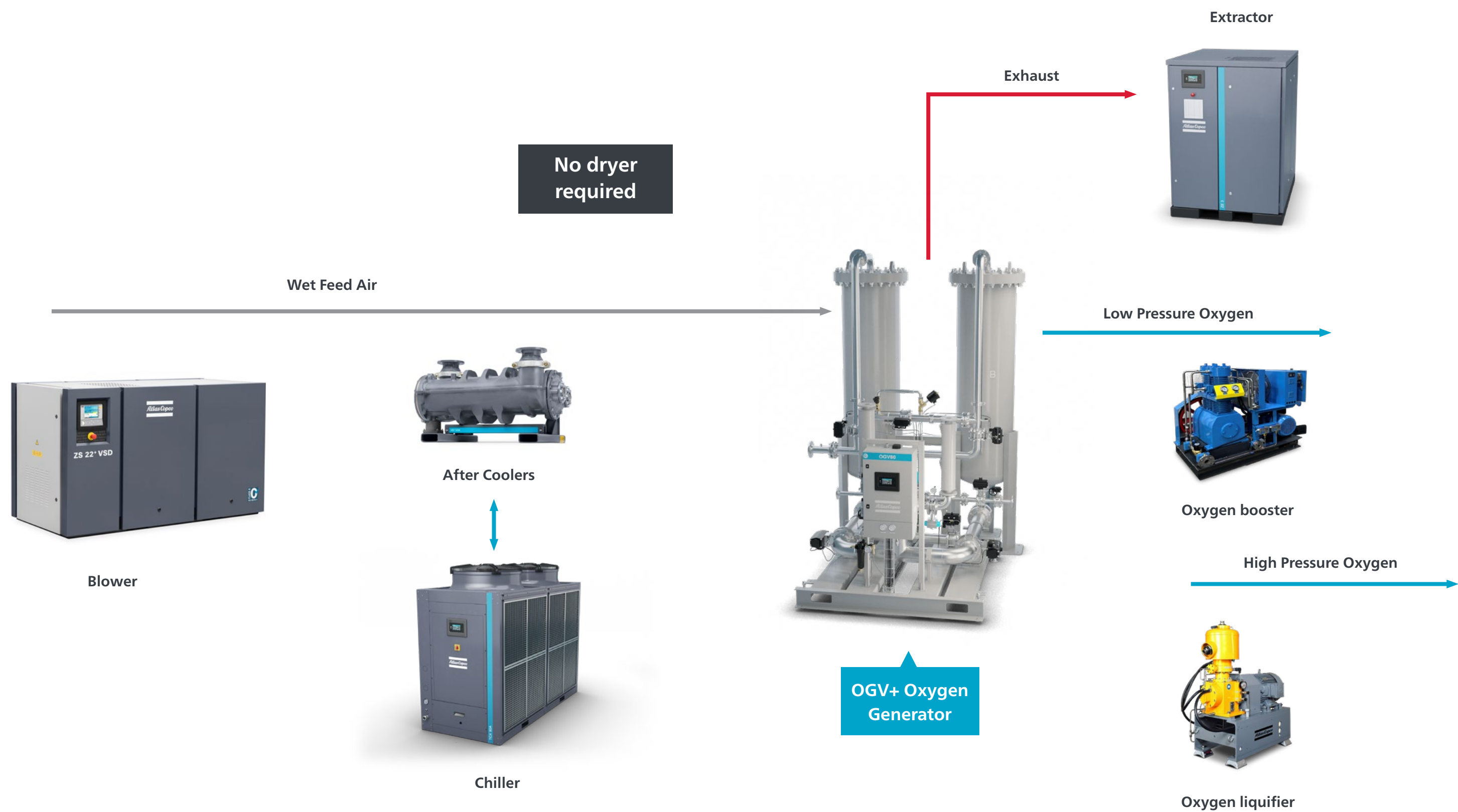
Total ON-Site Nitrogen PSA Solution



Total ON-Site Oxygen PSA Solution



Total ON-Site Oxygen VPSA Solution



Industries

Backed by decades of experience and a comprehensive understanding of industry needs, the TONS ecosystem empowers numerous crucial industries with customized solutions.

Nitrogen Solutions :



Oil and Gas



Electronics



Food and Beverage



Marine



EV battery



Chemicals



Pharmaceutical



Mining

Oxygen Solutions :



Wastewater treatment



Aquaculture



Ozone production



Glassworks



Gold mining



EV battery

Reasons to choose TONS

Complete ecosystem

Atlas Copco
TONS

In-house manufactured with only one single point of responsibility.

On-site production

On-site generation avoids the need for liquifying a gas and shipping it by dangerous road transport to end users.

Efficiency

We design for lowest total cost of ownership, where all equipment are tuned to each other to enable the most efficient solution.

Total maintenance responsibility

Our regional maintenance team with the appropriate maintenance plans ensures maximum uptime of the equipment.

Costs and carbon footprint

All of the above reduce the total cost of ownership up to 90%, on top of drastically reducing the carbon footprint.

Multiple Providers

Individual services or products sourced from multiple vendors.

Decentralized production involves liquefying gas and transporting it via dangerous roads, tied to intricate contracts and unforeseeable catastrophe clauses.

Typical focus on lowest investment cost while investment cost are only 10% of the total cost of ownership.

Maintenance responsibilities may be divided among multiple vendors, increasing complexity.

Larger carbon footprint due to transportation and potential system and integration inefficiencies.

Total ON-Site Oxygen VPSA Solution



Total ON-Site Nitrogen PSA Solution



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