orbia

Sustainable Solutions

Advancing Towards a More Sustainable Future

We are Orbia

Orbia is a company driven by a shared purpose:
to advance life around the world.

About Orbia

Orbia operates in the Polymer Solutions, Building & Infrastructure (Wavin), Precision Agriculture (Netafim), Connectivity Solutions (Dura-Line) and Fluor & Energy Materials sectors.

The five Orbia business groups have a collective focus on ensuring food and water security, expanding information access and connectivity and advancing decarbonization and the energy transition with basic and advanced materials, specialty products and innovative solutions.

Orbia at a Glance

GLOBAL TEAM

+22K

employees

HEADQUARTERS

4 **Global Strategic Headquarters**

(Mexico City, Boston, Amsterdam and Tel Aviv).

REVENUE

$7.6B

in 2025

COMMERCIAL ACTIVITIES IN

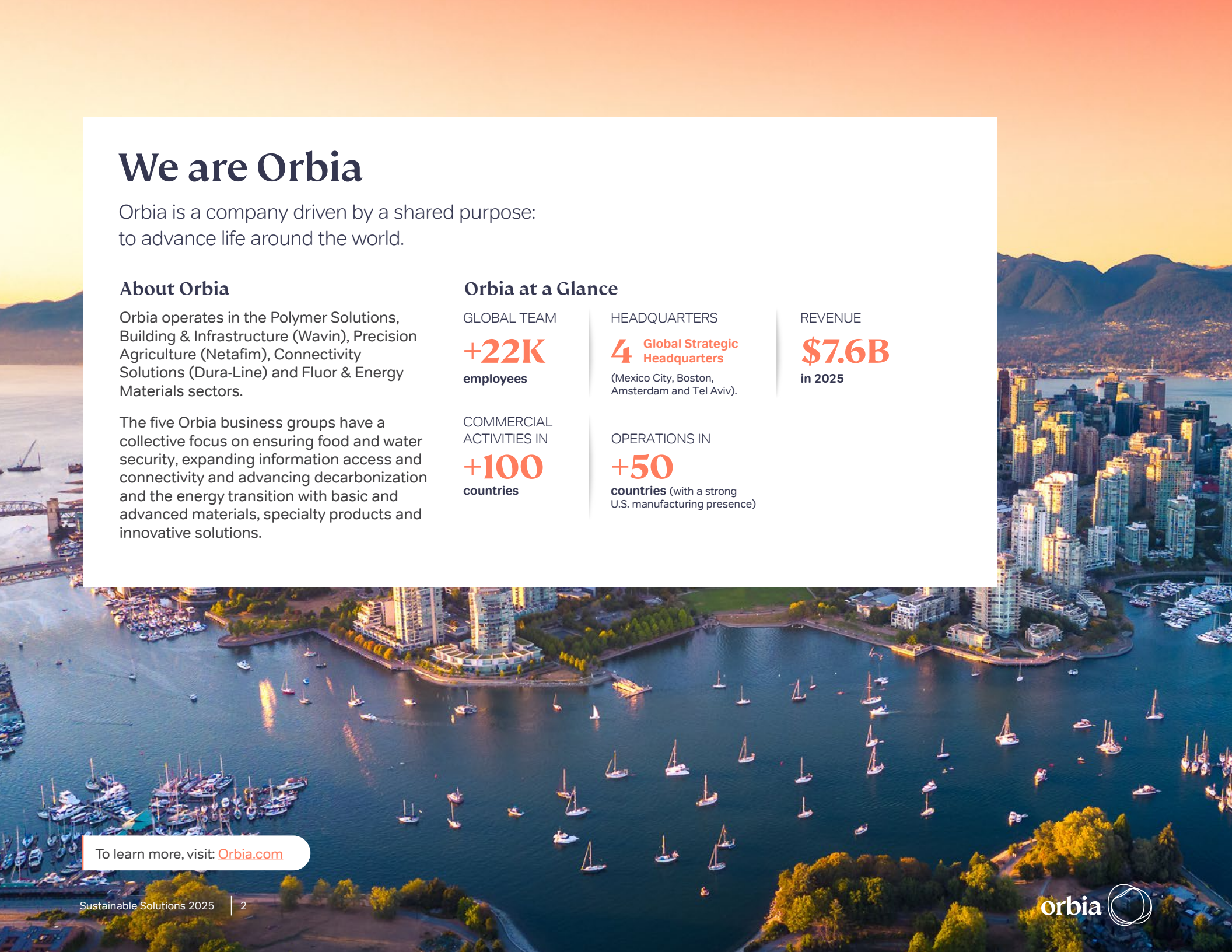
+100

countries

OPERATIONS IN

+50

countries (with a strong U.S. manufacturing presence)



To learn more, visit: Orbia.com

orbia

Our Solutions to Global Challenges

Food and Water Security

Orbia delivers resource-efficient irrigation solutions to support food security and provides PVC for use in pipes and fittings as well as solutions for smart, city-scale water management.

Information Access and Connectivity

Orbia delivers infrastructure that creates the physical pathways for fiber and other network technologies that connect cities, homes and people worldwide.

Decarbonization and Energy Transition

Orbia provides resilient urban infrastructure solutions along with circular building products that contribute to decarbonization. Orbia is also an industry leader in developing advanced battery materials that will secure the North American supply chain.

SUSTAINABLE DEVELOPMENT GOALS

Orbia is a signatory of the UN Global Compact, which encourages businesses worldwide to adopt sustainable and socially responsible practices. We are committed to becoming a global accelerator of the Sustainable Development Goals (SDGs) set forth by the United Nations General Assembly. Learn more at orbia.com.

orbia

Message from our Chief Sustainability Officer

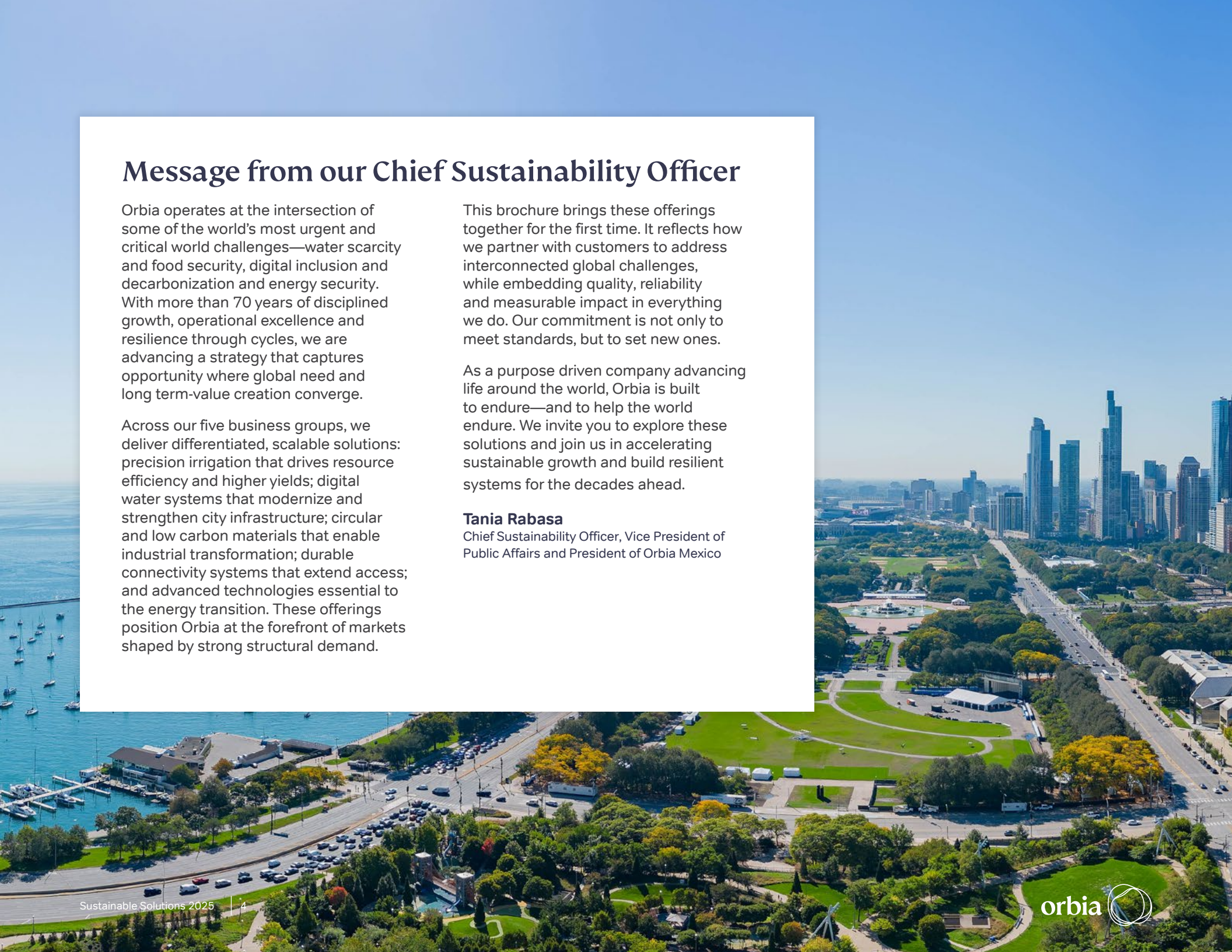
Orbia operates at the intersection of some of the world's most urgent and critical world challenges—water scarcity and food security, digital inclusion and decarbonization and energy security. With more than 70 years of disciplined growth, operational excellence and resilience through cycles, we are advancing a strategy that captures opportunity where global need and long term-value creation converge.

Across our five business groups, we deliver differentiated, scalable solutions: precision irrigation that drives resource efficiency and higher yields; digital water systems that modernize and strengthen city infrastructure; circular and low carbon materials that enable industrial transformation; durable connectivity systems that extend access; and advanced technologies essential to the energy transition. These offerings position Orbia at the forefront of markets shaped by strong structural demand.

This brochure brings these offerings together for the first time. It reflects how we partner with customers to address interconnected global challenges, while embedding quality, reliability and measurable impact in everything we do. Our commitment is not only to meet standards, but to set new ones.

As a purpose driven company advancing life around the world, Orbia is built to endure—and to help the world endure. We invite you to explore these solutions and join us in accelerating sustainable growth and build resilient systems for the decades ahead.

Tania Rabasa
Chief Sustainability Officer, Vice President of Public Affairs and President of Orbia Mexico



Our Business Groups

orbia | Polymer Solutions

From applications in pipes and cables to household appliances and medical devices, Orbia's Polymer Solutions business group and businesses Vestolit and Alphagary supply Orbia's downstream businesses and a global customer base with polyvinyl chloride (PVC) general resins, specialty resins, compounds and additives for vinyl compounds.

orbia | Building & Infrastructure

Creating long-lasting, circular and energy-efficient solutions, Orbia's Building & Infrastructure business group and business Wavin is working to ensure safe and efficient water supply, sanitation and hygiene, climate-resilient cities and better building performance.

orbia | Precision Agriculture

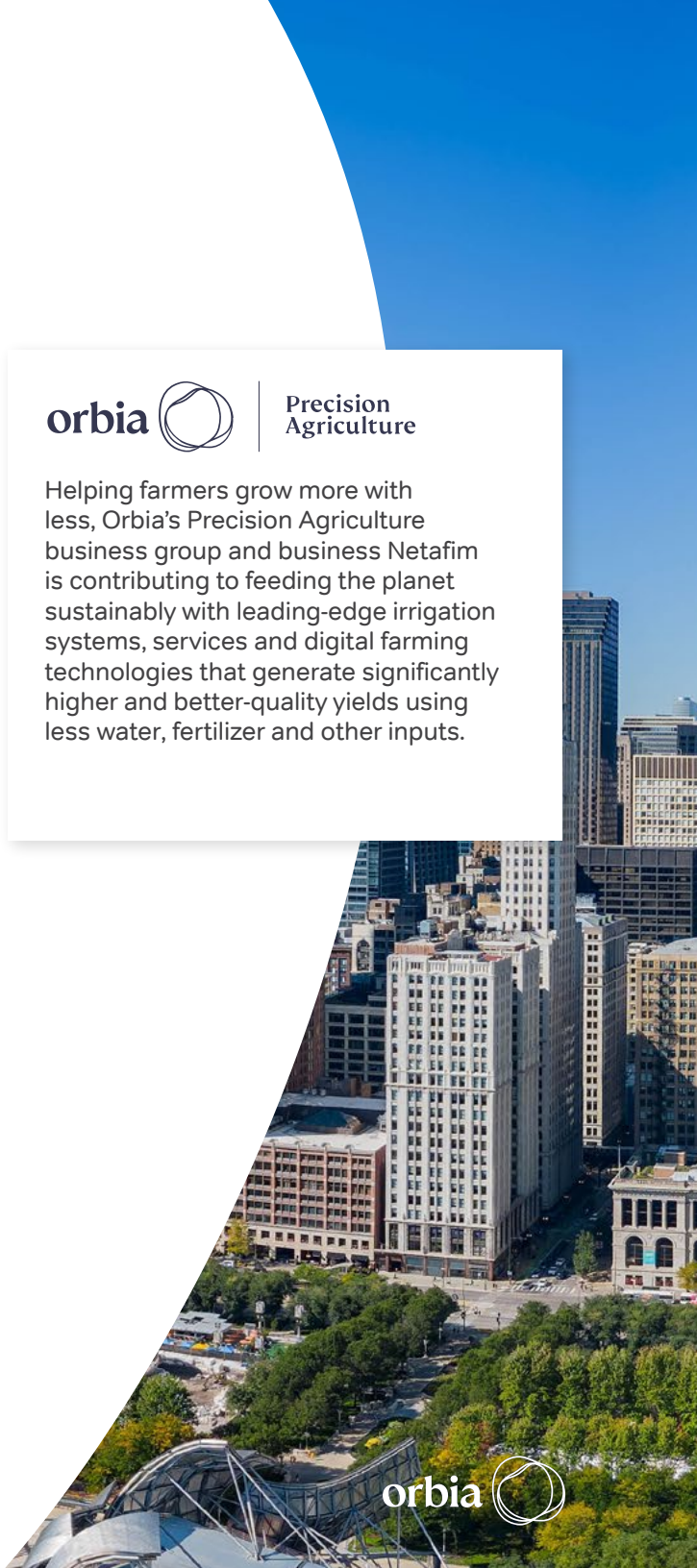
Helping farmers grow more with less, Orbia's Precision Agriculture business group and business Netafim is contributing to feeding the planet sustainably with leading-edge irrigation systems, services and digital farming technologies that generate significantly higher and better-quality yields using less water, fertilizer and other inputs.

orbia | Connectivity Solutions

To connect cities, homes and people worldwide, Orbia's Connectivity Solutions business group and business Dura-Line produces more than 500 million meters of essential infrastructure annually—telecom conduit, cable-in-conduit and other HDPE products and solutions—to line physical pathways for fiber and other advanced network technologies.

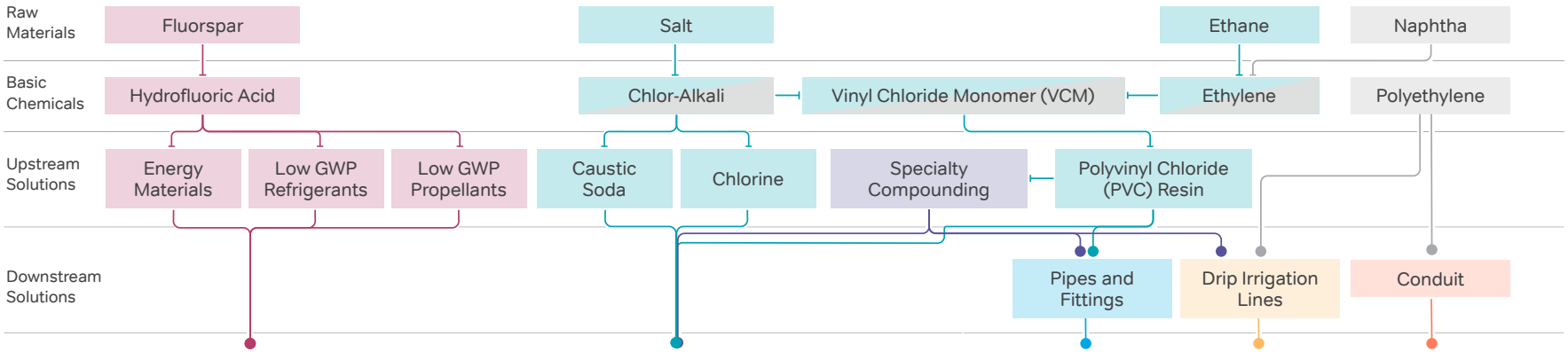
orbia | Fluor & Energy Materials

To support modern, efficient living, Orbia's Fluor & Energy Materials business provides fluorine and downstream intermediates, battery materials, refrigerants and propellants used in industries from automotive to infrastructure, pharmaceuticals to energy storage, computing to telecommunications applications.



Orbia's Sustainable Solutions

Guided by a business strategy rooted in sustainability, we are dedicated to innovating and delivering fit-for purpose solutions that address the world's most pressing challenges. Orbia is in a unique position to help people live and thrive now and into the future by addressing some of the world's most pressing challenges.



We have sustainable solutions in the following areas:

Fluor Based Solutions

Low global warming potential refrigerants, propellants and solutions that improve battery performance.

Low-Carbon PVC

Circular PVC compounds, plasticizers and resins.

Low-Carbon and Energy Efficient Building Materials

Pipe and fittings systems manufactured using recycled or biobased materials.

Urban Climate Resilience

Smart water management systems and green infrastructure to reduce flooding and support sustainable cities.

Precision Agriculture

Precision irrigation and digital solutions that help farmers grow more with less water and less carbon footprint.

Low-Carbon Conduit

HDPE conduit made with regrind material from our own operations.

orbia

We aspire to be a global leader in sustainable development, based on how we conduct our business.

We support the development of sustainable solutions by minimizing our environmental footprint while ensuring a positive social impact. By the end of 2025, we had achieved the following impact:

Reducing greenhouse gas (GHG) emissions

We have reduced Scope 1 and 2 emissions 28%, and our scope 3 emissions 33% (vs. 2019 baseline).

Reusing and Reclaiming Water

Most of our extrusion sites use closed-loop water systems.

Reducing Waste

90% of our sites have achieved our Zero Waste to Landfill (ZWTL) goal.

Building Climate Resilience

We have assessed climate risks and opportunities across 109 sites, evaluating physical and transition risks under future climate scenarios.

Transitioning to Renewables

Renewable electricity now accounts for 26% of our total electricity consumption.

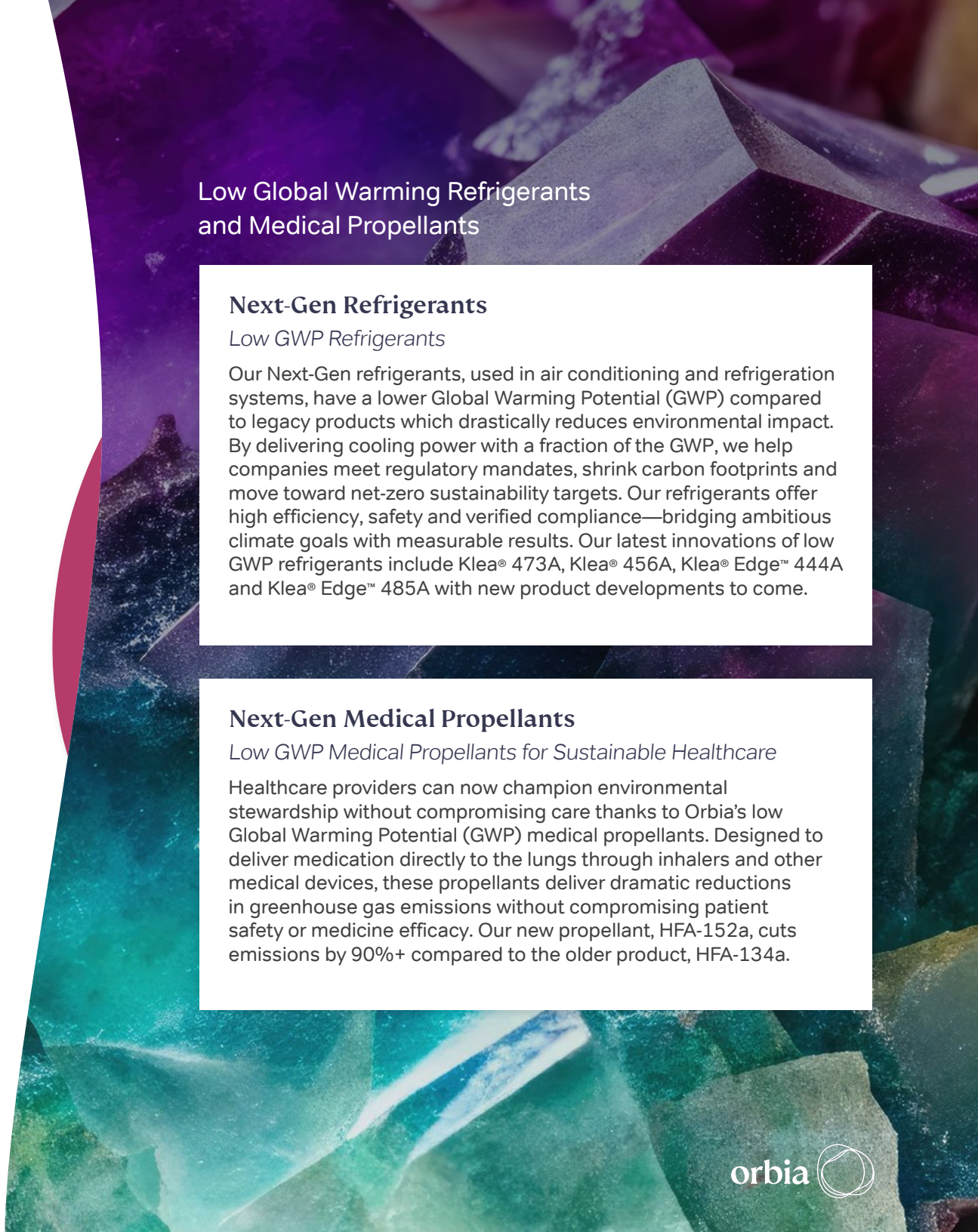
Fluor-Based Solutions

Low Global Warming Potential refrigerants, propellants and solutions that improve battery performance.

Through Orbia's Fluor & Energy Materials business, we create advanced solutions that support climate action, healthcare and the energy transition. Our next-generation refrigerants and propellants have a reduced global warming potential—often by 90% or more compared to legacy products. Additionally, our energy materials support a transition to cleaner energy. These innovations help businesses and healthcare providers meet regulatory requirements and push toward net-zero goals. Just as importantly, we prioritize responsible recovery, recycling and lifecycle management.

What is GWP?

Global Warming Potential (GWP) is a measure of how much heat a greenhouse gas traps in the atmosphere compared to the same amount of carbon dioxide. The formula for measuring GWP was developed due to the vast range of types of greenhouse gases which each have a different level of impact on the environment.



Low Global Warming Refrigerants and Medical Propellants

Next-Gen Refrigerants

Low GWP Refrigerants

Our Next-Gen refrigerants, used in air conditioning and refrigeration systems, have a lower Global Warming Potential (GWP) compared to legacy products which drastically reduces environmental impact. By delivering cooling power with a fraction of the GWP, we help companies meet regulatory mandates, shrink carbon footprints and move toward net-zero sustainability targets. Our refrigerants offer high efficiency, safety and verified compliance—bridging ambitious climate goals with measurable results. Our latest innovations of low GWP refrigerants include Klea® 473A, Klea® 456A, Klea® Edge™ 444A and Klea® Edge™ 485A with new product developments to come.

Next-Gen Medical Propellants

Low GWP Medical Propellants for Sustainable Healthcare

Healthcare providers can now champion environmental stewardship without compromising care thanks to Orbia's low Global Warming Potential (GWP) medical propellants. Designed to deliver medication directly to the lungs through inhalers and other medical devices, these propellants deliver dramatic reductions in greenhouse gas emissions without compromising patient safety or medicine efficacy. Our new propellant, HFA-152a, cuts emissions by 90%+ compared to the older product, HFA-134a.

orbia

Energy Materials

$LiPF_6$

Providing a Critical Battery Salt for the Energy Transition

$LiPF_6$ (Lithium Hexafluorophosphate) is a battery salt that is a critical ingredient in lithium-ion batteries, enabling safe, reliable energy storage for electric vehicles and grid applications. Our battery salt is produced with strict quality and environmental standards, supporting longer life and enhanced safety.

Graphite Recycling

Innovation in Battery Recycling

Graphite is the main material used for anodes in lithium-ion batteries and a cornerstone of the energy transition. With demand in North America and Europe projected to exceed supply, sustainable domestic sources are urgently needed. We have developed advanced recycling processes that transform waste graphite into high-performance, purified battery-grade materials, this reduces reliance on mining, cuts emissions and eliminates landfill disposal.

Custom Electrolyte

Unlocking Efficiency and Safety

Battery electrolytes enable energy storage by transporting lithium-ions between the anode and cathode, allowing batteries to store and deliver power. Orbia develops and supplies custom electrolyte formulations for specialty battery producers, enhancing performance and lifespan while supporting innovation and the energy transition.

Additives & Solvents

What are Battery Additives & Solvents

Battery electrolyte additives and solvents are blended with salts in the electrolyte to enhance performance factors such as battery lifespan, charging speed and thermal stability. They address challenges like preventing dendrite formation or slowing capacity loss and can be tailored for established and emerging battery technologies. Orbia offers two classes of electrolyte additives and solvents: OS3® and Koflyte®.

OS3®

Improving Battery Stability, Safety, and Lifespan

OS3® is a high-performance organosilicon electrolyte additive that enhances lithium-ion and next-generation battery chemistries by improving stability, safety and lifespan. When incorporated at low concentrations, OS3® helps batteries operate reliably under demanding conditions by strengthening both bulk electrolyte and interfacial stability.

Koflyte®

Improving Low-Temperature Battery Performance, Cycle and Calendar Life

Koflyte® materials improve battery performance across multiple dimensions including low-temperature performance, cycle and calendar life. They are suitable for use in current Li-ion systems as well as developmental technologies such as solid-electrolyte, Li-S, and Li-metal batteries. These materials utilize readily available feedstocks, allowing for cost-effective manufacturing at scale.

Low-Carbon PVC

Driving Sustainable Transformation in the PVC Industry

Through Orbia's Polymer Solutions business group and businesses Vestolit and Alphagary, we are pioneering new frontiers in low-carbon PVC technologies which are used in modern infrastructure, packaging and consumer goods. Our portfolio of PVC solutions is engineered to minimize carbon footprint, enable circularity and meet rigorous standards for safety and performance. Divided into two categories—pure PVC products and PVC compounds/ additives—these innovations are accelerating the transition to a greener, more resilient future.

Future-Fit® PVC

By using a mass balance approach, Orbia is able to produce more sustainable PVC without changing operation or production. The mass balance approach mixes sustainable (non-fossil) and traditional (fossil-based) materials are in the supply chain. It tracks them carefully, so the overall amount of sustainable material is accounted for. The final products can then be independently certified by ISCC+ as using sustainable feedstocks.

Future-Fit® Recyclable

Mechanically Recycled PVC

We close the loop on PVC by supporting recycling and upcycling throughout its lifecycle. Our Vinyl in Motion program brings industry partners together to improve collection, sorting and recycling of used PVC. This approach extends the material's life while keeping recycled content traceable and high quality, helping manufacturers meet sustainability goals without sacrificing durability or performance. Our Future-Fit® Recyclable solution is ideal for construction, packaging and consumer products where circularity and low carbon impact are imperative.

Future-Fit® Bio

PVC Produced with Bio-based Feedstocks

We use renewable biomass to make PVC with a significantly carbon footprint. By adding bio-based materials into production, this PVC can replace traditional PVC without changing how it's used. It keeps the strength, durability and versatility industries expect, while providing a traceable and measurable reduction in greenhouse gas emissions. Future-Fit® Bio is ideal for green building, medical and packaging applications.

Future-Fit® Renewable

PVC Produced with Renewable Energy

Future-Fit® Renewable reimagines PVC production by using certified renewable energy and sustainable sourcing. By powering manufacturing on green electricity and choosing suppliers with strong environmental practices, this PVC has a lower carbon footprint. The combination of renewable energy and careful process control ensures that every kilogram of Future-Fit® Renewable PVC supports climate action and environmental responsibility.

orbia

Caustic Soda BLUE

Orbia Polymer Solutions' PVC plant in Marl, Germany, makes chlorine using electrolysis. This process also produces caustic soda; a versatile chemical used in many applications. Our Marl plant is now using renewable electricity to produce low-carbon caustic soda.

Future-Fit® Circular

PVC with Chemically Recycled Feedstock

We marked a milestone with the incorporation of ethylene, one of our feedstocks, sourced from plastics chemical recycling in vinyl chloride production. This form of ethylene is an ISCC+ certified sustainable material and enables a 50% reduction in the carbon footprint compared to conventional fossil PVC.

orbia

Low-Carbon PVC Compounds

Infinitude™ PVC Compound

Continuing the Vinyl-in-Motion Journey

Through our Orbia Polymer Solutions Vinyl in Motion program we collect used PVC, clean and process it. Then, our facilities transform this recycled PVC into Infinitude PVC compounds by blending the recycled content with other raw materials—helping close the loop and reducing waste. Infinitude compounds can be used in products like shoe soles, hoses, motorcycle parts and industrial mats. Soon Infinitude compounds are expected to be approved for use in electrical cables.

Evoprene ECO Compound

Thermoplastic Elastomer Compounds with Bio-based Raw Materials

Evoprene Eco thermoplastic elastomer (TPE) compounds provide a sustainable option for general consumer products. They use bio-based and recycled materials, helping manufacturers lower their environmental impact without sacrificing quality. Designed for extrusion and molding, they offer the same strength, flow and surface finish as traditional materials. Lab tests show Evoprene ECO delivers consistent performance while supporting sustainability goals through lower carbon footprint and eligibility for carbon credits.

SuperKleen PVC Compound

Food Grade Vinyl Compounds with Bio-based Plasticizer

Superkleen PVC compounds offer a sustainable solution for healthcare, food contact and specialty applications. They combine FDA-approved ingredients with a non-phthalate, bio-based plasticizer, providing a renewable alternative to traditional fossil fuel-based products. These clear, flexible compounds meet strict safety standards —including USP Class VI Biocompatibility and Cytotoxicity—and can withstand common sterilization methods. With range of hardness and processing similar to conventional vinyl, Superkleen supports circularity and reduced environmental impact while maintaining performance and safety.

Megolon ECO Compounds

Compounds for Communications Cable Jackets with Recycled and Bio-based Raw Materials

Megolon ECO compounds are halogen-free, flame-retardant compounds made with lower-carbon ingredients, including recycled and bio-based content. Designed for cable jackets, they provide a sustainable alternative without compromising fire safety or performance. Using carefully selected raw materials and ISCC+ certified mass balance polymers, Megolon ECO supports sustainability goals while keeping consistent quality. As part of Orbia's commitment to sustainable solutions, it helps reduce environmental impact in the wire and cable industry.

orbia

Low-Carbon PVC Additives

Vinastab 8000 Series

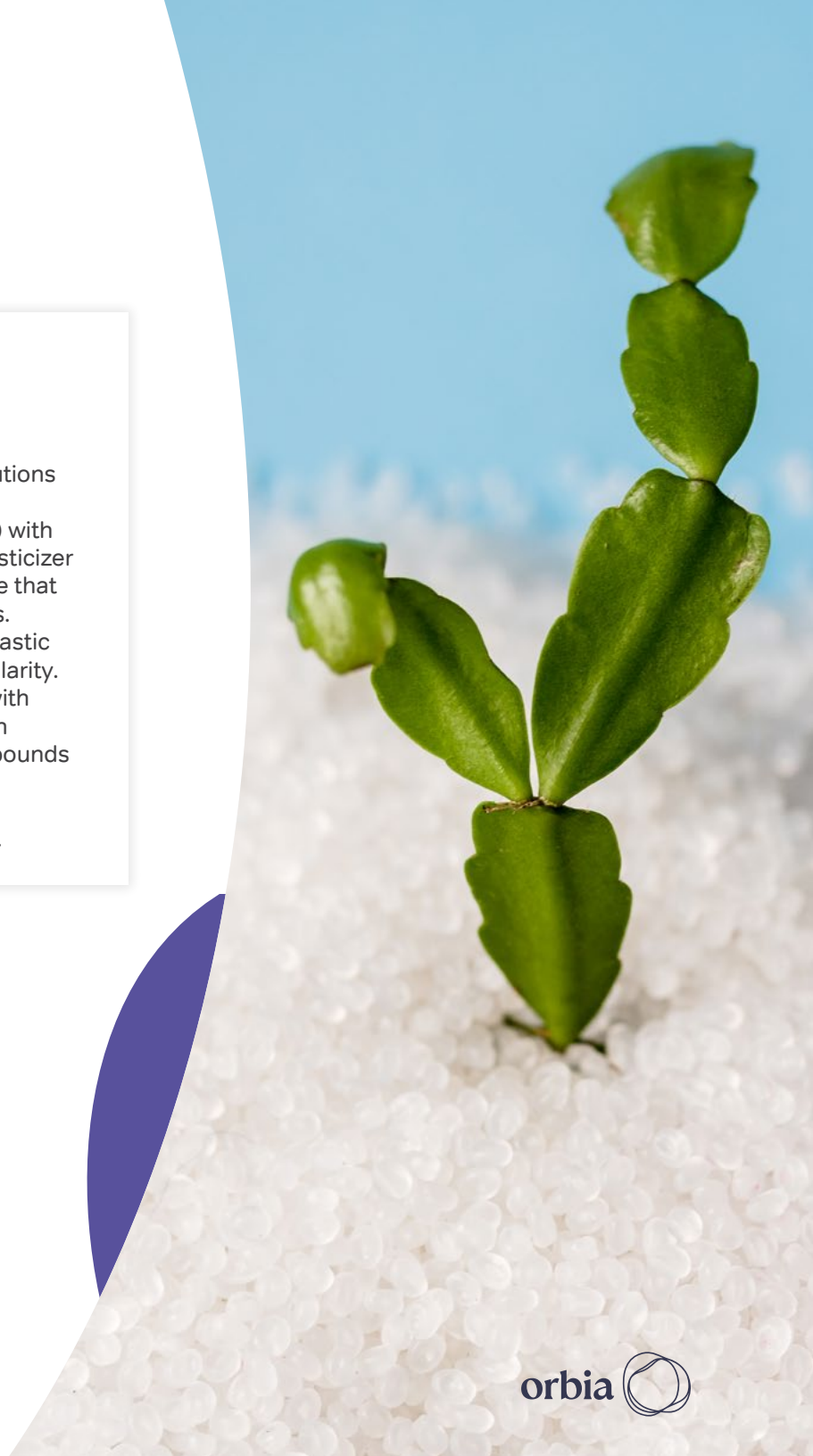
Stabilizers Designed to Support PVC Compounds with Recycled Content Bio-based Raw Materials

The Vinastab 8000 series uses calcium-zinc stabilizers designed for PVC with recycled content. These stabilizers keep recycled PVC strong, durable and consistent, helping manufacturers make more sustainable products. By allowing recycled materials without sacrificing quality, VINASTAB 8000 helps reduce environmental impact and supports circular PVC use.

Mexiflex ECO

Sustainable DOTP Plasticizer with Recycled Content

Alphagary, an Orbia Polymer Solutions business, combines recycled Polyethylene Terephthalate (PET) with Dioctyl Terephthalate (DOTP) plasticizer to create a sustainable alternative that performs like traditional materials. Using recycled PET helps keep plastic out of landfills and supports circularity. Flexible PVC compounds made with Mexiflex ECO have a lower carbon footprint than conventional compounds while maintaining performance, making them ideal for industrial goods and footwear applications.

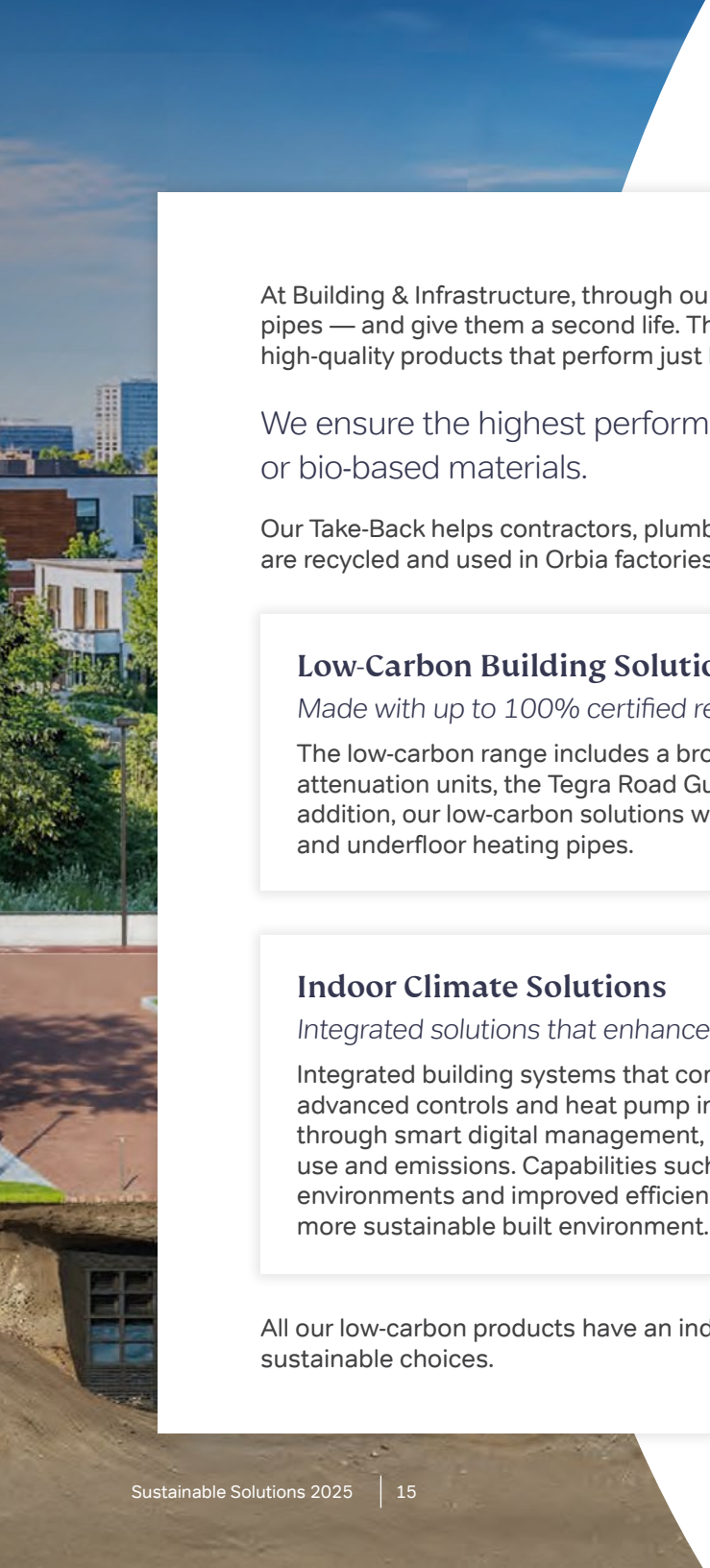


Low-Carbon and Energy Efficient Materials

From waste to value: Driving sustainability in building and infrastructure through the circular economy.

Construction faces a big challenge: meeting the rising demand for housing and infrastructure, while cutting carbon emissions and protecting natural resources. Circular materials offer a smart solution - turning waste into high-quality products that help the industry build sustainably, without compromise.

orbia



At Building & Infrastructure, through our Take-Back recycling service, we collect used products — like PVC and PP (polypropylene) pipes — and give them a second life. Through advanced sorting, cleaning and processing, we turn these recycled materials into new, high-quality products that perform just like those made from virgin materials.

We ensure the highest performance standards in pipe and fittings systems we manufacture using recycled or bio-based materials.

Our Take-Back helps contractors, plumbers and demolition companies keep construction waste out of landfills. The collected materials are recycled and used in Orbia factories to make low-carbon products.

Low-Carbon Building Solutions

Made with up to 100% certified recycled materials, reducing CO_2 emissions by up to 80%

The low-carbon range includes a broad range of offerings, such as the AquaCell 400 and Q-Bic Plus LC infiltration and attenuation units, the Tegra Road Gullies, Tegra 600 LC inspection chambers and low-carbon PVC sewer and sanitation pipes. In addition, our low-carbon solutions with biobased content cover PVC and PE drinking water pipes, Ventiza air distribution systems and underfloor heating pipes.

Indoor Climate Solutions

Integrated solutions that enhance comfort, health and energy efficiency in residential and multi-residential buildings.

Integrated building systems that combine underfloor heating, ceiling heating and cooling, ventilation, heat interface units, advanced controls and heat pump integration into a single, intelligent solution. By coordinating heating, cooling and ventilation through smart digital management, these systems precisely regulate temperature and indoor air quality while minimizing energy use and emissions. Capabilities such as zone control and heat recovery enable tailored comfort by space, healthier indoor environments and improved efficiency—supporting resilient, low-carbon buildings that enhance quality of life and contribute to a more sustainable built environment.

All our low-carbon products have an independently verified Environmental Product Declaration (EPD) to support customers in making sustainable choices.

Urban Climate Resilience

Building Sustainable Cities with Holistic Water Management

Through Orbia's Building & Infrastructure business group and business Wavin, we create Urban Climate Resilience solutions.

By 'following the drop' from the roof to underground solutions, our water management systems seek to capture rainwater at every step of its journey through a city's water infrastructure.

Whether that's rooftop rainwater harvesting or attenuation tanks beneath the city's streets, we follow each drop to maximize its contribution to Urban Climate Resilience.

Our Urban Climate Resilience solutions range from stormwater management, blue-green solutions, water treatment and digital enhanced water systems.

orbia

AquaCell 400

Smart Stormwater Management: Modular Attenuation and Infiltration for Space Saving

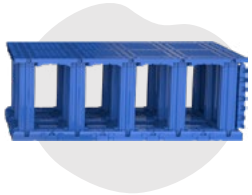
Aquacell 400 is a space-saving stormwater solution with a stackable, modular design. Made entirely from recycled materials, it is lightweight, durable and easy to install. The system stores rainwater and then slowly releases it, helping reduce flooding, manage heavy rainfall and support groundwater recharge. It's built for reliable, long-term performance.

Q-Bic Plus LC

Smart Stormwater Management: Modular Attenuation and Infiltration for Fastest Installation and Total Access

Q-Bic Plus LC is an underground modular storage system that manages stormwater efficiently and installs quickly. Made entirely from recycled materials, it provides full access for inspection and cleaning. Its lightweight, easy-to-install design helps cities and developers store and control rainwater, reduce flooding and protect infrastructure.

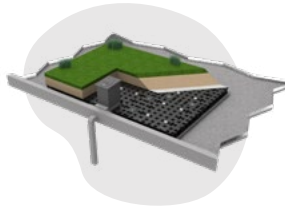
Improving city dwellers' wellbeing through greenery



TreeTank

Underground solution to ensure trees have the space and water to thrive

This underground system protects tree roots while supporting heavy traffic above, allowing healthy trees to grow without damaging streets or sidewalks. By improving tree survival in cities, the TreeTank helps reduce heat islands, improve air quality, and create greener, more livable spaces—without compromising infrastructure.



Wavin PolderRoof

Blue-green roofs: rainwater harvesting system used for green spaces

Blue-green roofs capture and hold rainwater, using smart controls and local weather forecasts to decide when to release it. By retaining water on the roof and reusing it for plant irrigation, they reduce runoff, ease pressure on drainage systems and support greener, more climate-resilient cities without affecting building performance.

Active Attenuation

Our active attenuation systems turn excess rainwater into a resource. In combination with our other underground solutions like AquaCell 400, this intelligent system captures and temporarily stores stormwater for reuse and releases it only when needed, based on local weather forecasts. Designed to fit under different surfaces and green spaces, it protects infrastructure while supporting circular water management. By reducing runoff and enabling reuse, Active Attenuation helps cities become more resilient, sustainable and water-wise without taking up extra space or affecting performance.

Street flooding prevention

Tegra Road Gully

A road gully which prevents street flooding

Tegra Road Gully prevents street flooding and keeps litter and debris out of open water. Made entirely from recycled PVC, it combines strong performance with sustainability. Its advanced filter handles twice as much dirt and leaves before clogging, and the smart design removes over 95% of debris in a single cleaning. It helps keep streets safe, improves drainage and supports climate-resilient cities.

Improving water networks

Water Network Management

Our solution to give utilities real-time insight and reduce leaks

Water Network Management solutions, powered by TaKaDu, give utilities real-time insight and control over their water systems. The system spots leaks early, manages water pressure and checks water quality. This helps cities save water, reduce costs and provide reliable service. The result is a stronger, more efficient water network that can meet the needs of growing communities.

Tackling Water Stress and Promoting Water Resilience Worldwide

We signed a collaboration agreement with Microsoft to support the company's effort to replenish more water than it consumes by 2030 via water-positive urban projects. In 2024, we worked with Sanasa Campinas, a public water utility in Campinas, Brazil, to use Orbia's technology to detect and fix problems in the water network, from leaks to data issues. The initiative uses our cloud-based Water Network Management platform and Central Control Room solution. After just one year, the project achieved a volumetric water benefit of over 370,000 cubic meters—the equivalent of 151 Olympic swimming pools. The goal for year two is even more ambitious: to reach 622,000 cubic meters, with a long-term target of saving more than 2.5 million cubic meters annually once the system is fully implemented.

orbia

Precision Agriculture

Through Orbia's Precision Agriculture business group and business Netafim, we help farmers overcome challenges like drought, evaporation and limited water access. Our solutions enable more efficient water use, supporting higher yields with less water.

Drip Irrigation

Grow More with Less

Our drip irrigation technology delivers water and nutrients directly to plant roots, helping farmers grow more food with up to 70% less water. By making every drop count, Netafim protects water resources and supports reliable harvests even in drought. From smallholders to large-scale farms, we enables resilient, profitable and sustainable agriculture for a growing world.

Water Stewardship Programs

Turning Corporate Goals into Real Water Savings

Our Corporate Water Stewardship Program connects companies' sustainability goals with real impact by funding drip irrigation upgrades for farmers who otherwise lack the means. Through full projects that include planning, installation, digital monitoring and independent verification, we deliver measurable improvements in water use and quality that count toward corporate targets. Using our GrowSphere™ digital operating system, irrigation is managed precisely to "save every drop" of water and guarantee transparent results. This scalable model creates a triple-win: businesses meet verifiable stewardship goals, farmers increase yields, and ecosystems enjoy healthier water use and improved quality.

Netafim Carbon Programs

Our carbon credit program offers verified, sustainable carbon credits by replacing traditional irrigation with drip systems and using data-driven practices to reduce harmful greenhouse gases like methane, nitrous oxide and CO_2 emissions. These credits let businesses offset their emissions and invest in precision agriculture, while giving farmers extra income for using sustainable irrigation that lowers emissions and improves crop yields and profitability.

Regenerative Agriculture Solutions

By adopting regenerative farming practices, which aim to actively improve the health of ecosystems, farmers can reduce climate risks, build resilient farms and restore the health of their ecosystems. Our precision drip irrigation – especially sub-surface drip irrigation (SDI)—is a practical way to do this. It limits soil disturbance, preserves soil structure and allows year-round use of cover crops. The result is healthier soils, improved water retention, reduced runoff and a stronger foundation for long-term farm productivity.

At Google, we are collaborating with organizations to not only replenish water resources but also enhance watershed health, benefiting ecosystems and water-stressed communities.

Our partnership with Netafim will conserve precious water in the San Joaquin River watershed while also supporting local farmers."

Tara Varghese
Water Stewardship Lead,
Google

orbia

Low-Carbon Conduit

Through Orbia's Connectivity Solutions business group and business Dura-Line, we are enabling the digital backbone of a connected world while advancing circularity. As global demand for high-speed networks grows, so does the need for infrastructure that minimizes environmental impact. Our ECO portfolio of high-performance conduits is designed to reduce carbon footprint without compromising reliability or compliance. By incorporating regrind HDPE from our own processes—ranging from partial to 100% repurposed content—we help telecom operators lower Scope 3 emissions and build resilient networks for a sustainable future.

FuturePath® ECO

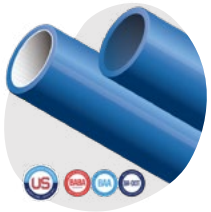
MicroDuct Counduit with up to 100% Reground Material

A bundle of MicroDucts using up to 100% reground High-Density Polyethylene (HDPE) from our internal manufacturing process. FuturePath® ECO helps lower Scope 3 emissions for network operators and supports direct-buried or sub-duct installation globally. Standard MicroDuct sizes and bundle combinations are available.

Smoothwall ECO ULF

Three-layer Conduit with Reground Material

Smoothwall ECO ULF supports network installations requiring conduit with a silicone liner. Its three-layer design combines a virgin High-Density Polyethylene (HDPE) outer layer, a middle layer with 50% to 100% reground HDPE from our operations and an inner Silicore® ULF liner that cuts friction by over 60%, significantly reducing CO_2 emissions versus standard conduit solutions worldwide.



Smoothwall ECO

Two-layer Conduit with Reground Material

Smoothwall ECO is a two-layer conduit for cables that do not require a silicone liner. It uses reground High-Density Polyethylene (HDPE) in the inner layer while maintaining virgin HDPE strength. The design helps reduce CO_2 emissions while supporting circular network construction and long-term infrastructure durability performance requirements in use today.


orbia

orbia

Sustainable Solutions

To learn more about our solutions, visit us at:

orbia.com

/orbiaglobal /weareorbia /orbia