

DRIVING SUSTAINABLE INNOVATION

Corporate Social Responsibility Report
12th report

2024



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VINVENTIONS



1. Introduction

A word from our Management

At Vinventions, sustainability is not just a commitment – it is embedded in everything we do. Since the very beginning, our mission has been to deliver the most sustainable and highest-performing closure solutions to our CUSTOMERS, create an empowering and responsible work environment for our PEOPLE, and contribute to the harmonious development of the COMMUNITIES we serve.

2024 marks a milestone in this mission: the 25th anniversary of Vinventions.

It's an opportunity to celebrate how far we've come – and to reaffirm our commitment to the path ahead. From our inception in 1999 with the launch of NOMACORC, we have continually shaped the future of wine closures with purpose and passion. Our journey has been defined by meaningful innovation and a steadfast dedication to sustainability. And today, that journey is more relevant than ever.

Over the past 25 years, we have built a sustainability legacy rooted in transparency, science, and progress. From pioneering the first carbon footprint study in our sector in 2008, to launching closures made from renewable (NOMACORC Green Line), recycled (NOMACORC Blue Line), and even ocean-bound plastic (NOMACORC Ocean), every chapter of our story is guided by the belief that innovation should serve both performance and the planet.

We are proud to publish our 12th Corporate Social Responsibility report, reaffirming our ambitions through measurable actions and tangible results. This year also marks the continued rollout of our NOMACORC Pops, the first net zero carbon footprint closure for sparkling wines. Meanwhile, our Blue Line has once again earned the Net Zero Plastic to Nature certification, highlighting our impact on the circular economy and our collaboration with Second Life to collect and recycle plastic waste in coastal regions.

Our commitment to responsible production is reflected in every aspect of our operations. In 2024, water consumption per closure decreased to 0.8 ml (vs 1.2 ml in 2023), demonstrating our ongoing efforts to optimize resource use. We also made progress in energy efficiency, with 67% of our electricity consumption coming from sustainable sources and a reduction in energy use to 6.8 MWh per 1 million closures (vs 7.6 MWh in 2023). On the social side, our workforce grew to 553 associates, with an average length of service of 10 years and increased diversity – 46% of women now hold white-collar positions, up from 41% in 2023. These results reflect our continuous investment in employee well-being, sustainable operations, and the creation of a more inclusive workplace.

Beyond our sites and products, we are proud to drive positive change in our communities. Through initiatives such as our long-standing closure recycling programs, we collected for the first time more than 105 tons of post-consumer closures in partnership with associations like France Cancer and Agir Cancer Gironde. These efforts not only support medical research but also raise awareness about sustainability and the importance of giving materials a second life.

Transparency remains one of our top priorities. This year, we continued to strengthen our reporting by including 2 more sites in our report, keeping our set of KPIs, including Scope 1 and Scope 2 emissions in line with international standards. These indicators help us better measure our impact – and hold ourselves accountable to our goals.

As we look back on 25 years of bold steps and forward thinking, we are filled with gratitude for the trust and support of our associates, customers, and partners. You have all played a part in building the Vinventions of today – a company that leads with innovation, acts with responsibility, and stays focused on creating value for people and the planet.

Together, we are writing the next chapter of sustainable wine closures. Here's to the next 25 years.

Romain Thomas

Head of Product Management & Sustainability



“Our 25th anniversary is not just a celebration of our past – it's a reaffirmation of our commitment to shaping a more sustainable future, where innovation serves both performance and the planet.”



Vinventions at a glance



Founded in
1999



3 billion wine,
spirit and olive
oil bottles
protected by
Vinventions in
2024



13 % Global
Market share
in the still wine
industry



More than
8.000
customers



More than 100 tons
of closures collected



More than 550
employees
worldwide



Employees in
11 countries

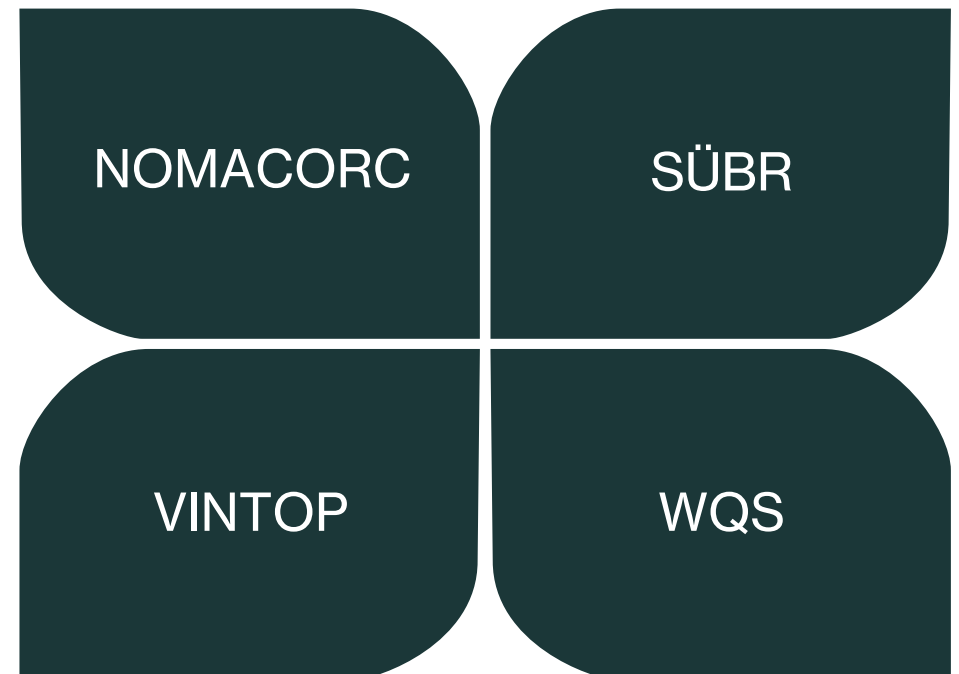
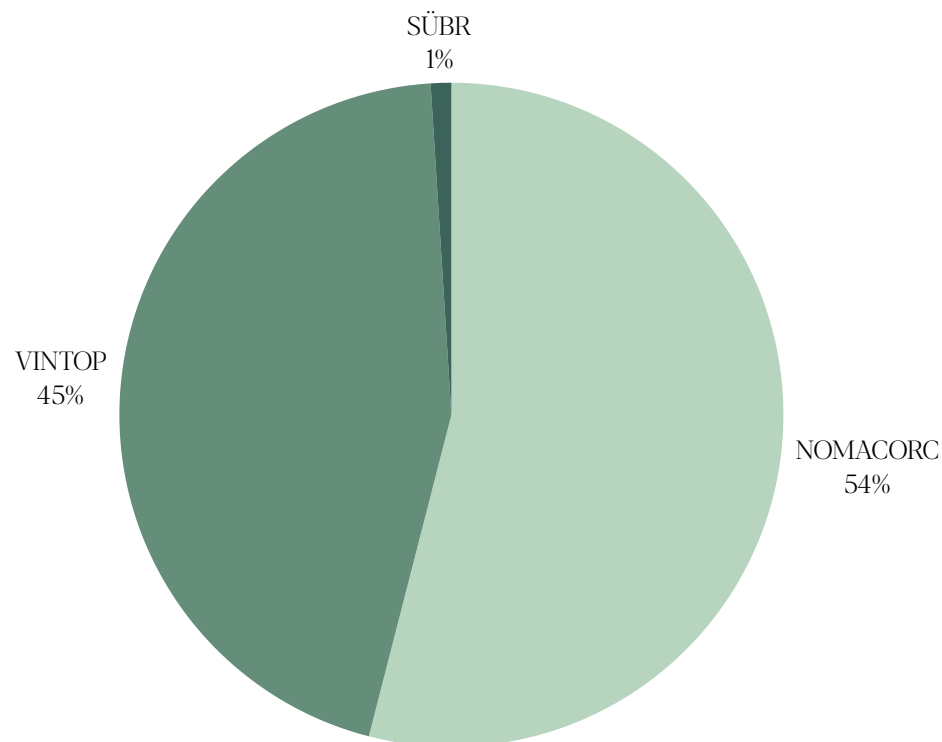


More than
3.000 hours of
training

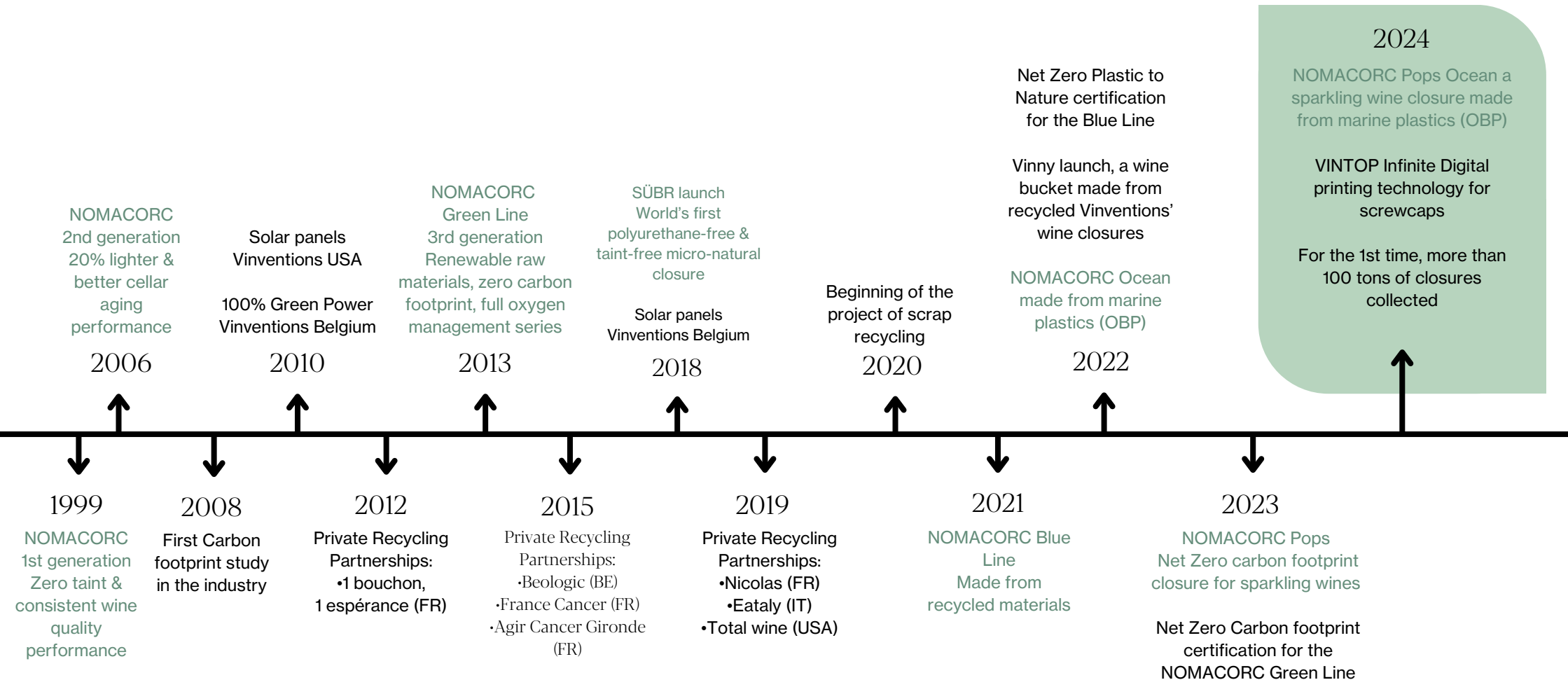


More than 100
patents

4 Products ranges



25 years of sustainable innovation





VINVENTIONS

3. Who we are



Our presence worldwide

Manufacturing sites and commercial offices



Our distributors network

On top of our plants and commercial offices, Vinventions works with a large network of distributors and agents.

Located in all the wine regions in the world, they sell the Vinventions product lines globally.



USA

South America

Europe

Asia

The Power of Partnership: Celebrating 25 Years with Our Distributors Network

At Vinventions, our success is built on innovation, sustainability, and – most importantly – strong partnerships. In 2024, as we celebrated our 25th anniversary, we took the opportunity to recognize and honor one of the key pillars of our growth: our global distributors network.

For a quarter of a century, our distributors have played an essential role in bringing our cutting-edge closure solutions to wineries and beverage producers around the world. Their market expertise, local knowledge, and commitment to quality service ensure that our products not only reach our customers efficiently but also add value to their winemaking journey.

This milestone anniversary was more than just a celebration; it was a reaffirmation of our shared mission. As we look to the future, we remain dedicated to strengthening these partnerships, innovating together, and continuing to provide sustainable, high-performance closures that protect the world's best wines.

To all our distributors – past, present, and future – thank you for being part of the Vinventions journey. Here's to the next 25 years of success, collaboration, and excellence!



"We became Nomaticore distributors in the early 2000s, at a time when the cork industry was facing major challenges mainly with TCA. Our company had a long history with natural corks, but growing quality issues pushed us to look for a better solution. Among the emerging alternatives, Nomaticore immediately stood out, for its consistency, reliability, and performance.

From our very first sale—12,000 closures in Valtellina—to the official launch at SIMEI 2004, we knew we had found more than just a product. We had found a partner. Over the years, that partnership only grew stronger, leading to meaningful connections with winemakers, oenologists, and organizations like FIVI.

Today, over two decades later, we're proud to still be part of the Vinventions family. It's a relationship built on shared values, trust, and the constant drive to serve the wine industry with excellence."

Paolo Ferrari
FERRARI SUGHERI
Distributor since 2004



Our Foundations

Why



Our Mission

- We help our customers ensure their wines, spirits, oils and vinegars present as intended and delight the consumer
- We create value for our customers by innovating and applying leading practices to offer the most appropriate solutions to maximize wine quality, preservation and consistency.
- We influence our industry and our communities to preserve our planet.



Our Vision

Be the most innovative, sustainable and trusted global supplier of closures and service solutions in the wine, spirit, and oil & vinegar industries.

How

Our strategy

How will we successfully achieve our goals?
Our strategy is based on 6 pillars.



Growth



Global



Sustainability



Innovation



Excellence



Founder's values

Our guiding principles

How do we behave?



Customer centricity



Innovation



Empowerment



Open teamwork



Sustainability



Long term responsibility

Our leadership guidelines

How we act as leaders?

- We lead by example
- We inspire trust and treat each other with respect
- We act with integrity and we do the right things in the right way
- We communicate openly and listen actively
- We are accountable and perform to our best
- We encourage ideas and experimentations and empower our employees and promote delegation

Our offering

Our commitments



Performance

For Your Wine, Spirits,
Oil and Vinegar



Sustainability

For Our Planet



Design

For Your Customers



Enology

For You

NOMACORC

Synthetics



SÜBR

Micro-naturals



VINTOP

Aluminium
screwcaps



WQS

Decision making
tools and services



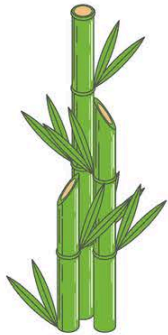
Performance advantages

- Sensory fault-free
- Cork taint-free
- Polyurethane-free
- Consistent & controlled O2 ingress
- Bottle to bottle consistency
- Wine preservation tailored to all wine categories
- Reliable bottling performance
- Easy opening and reinsertion
- No breaking

Our NOMACORC Green Line production process

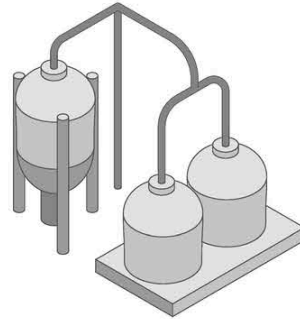
1

Raw material: Sugarcane



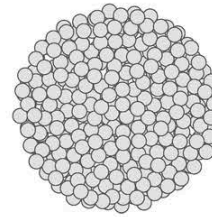
2

Bio-Ethanol



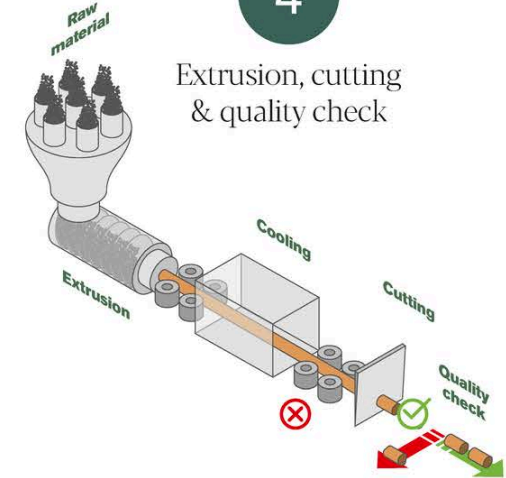
3

Bio-polyethylene



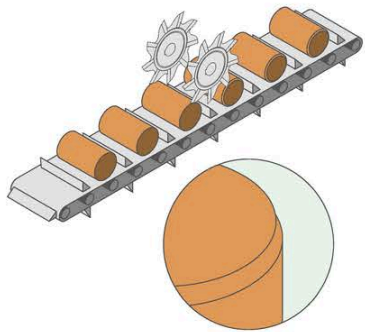
4

Extrusion, cutting & quality check



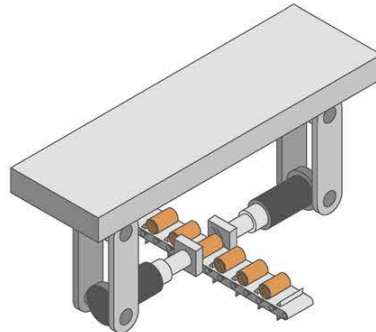
5

Chamfering



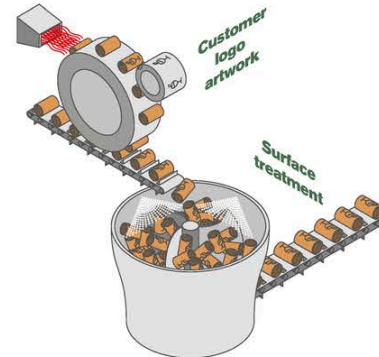
6

Embossing



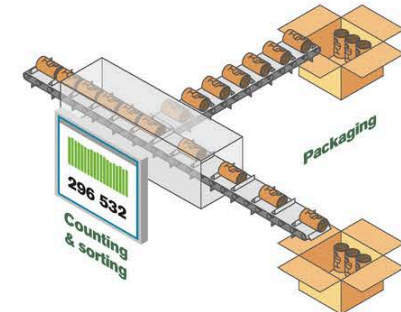
7

Printing & surface treatment



8

Counting & packaging



Our NOMACORC Blue Line production process

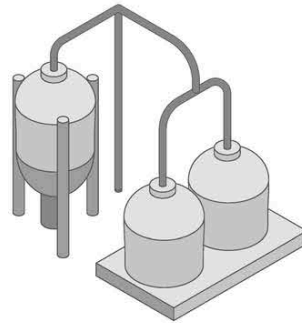
1

Raw material:
Recycled feedstock & fossil feedstock



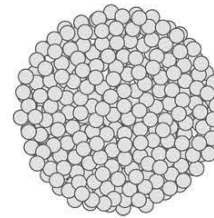
2

Circular Ethanol



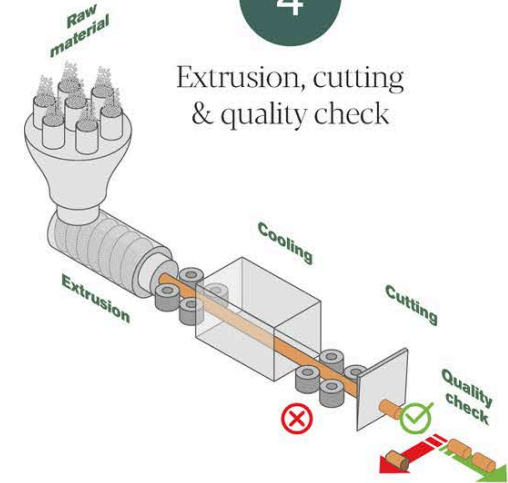
3

Circular-polyethylene



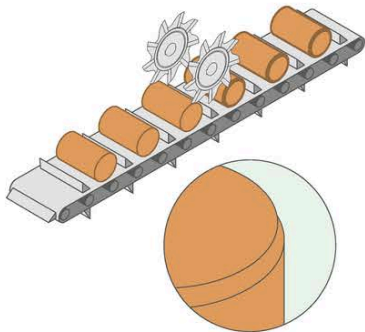
4

Extrusion, cutting
& quality check



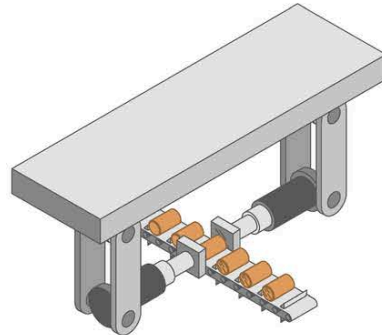
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Chamfering



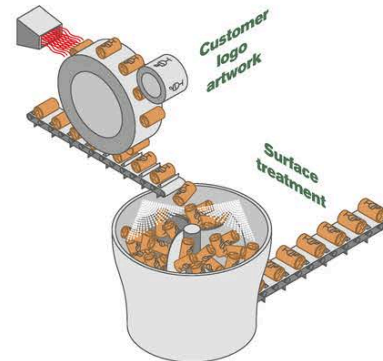
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Embossing



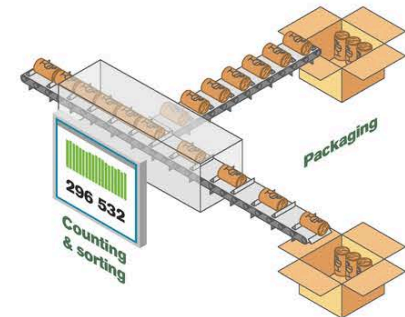
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Printing & surface treatment



8

Counting & packaging



Our NOMACORC Ocean production process

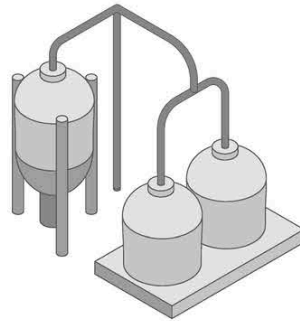
1

Raw material:
Ocean-bound plastic



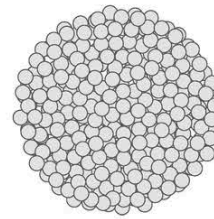
2

Circular Ethanol



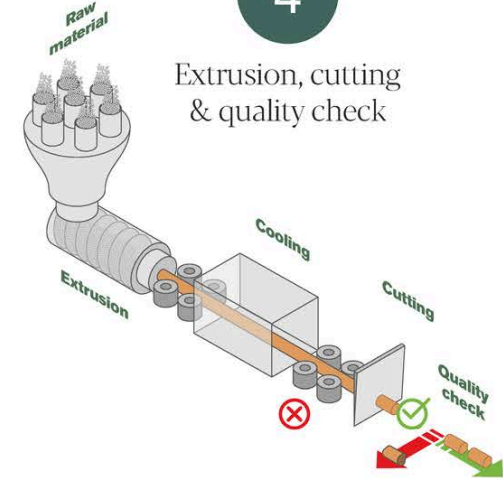
3

Circular-polyethylene



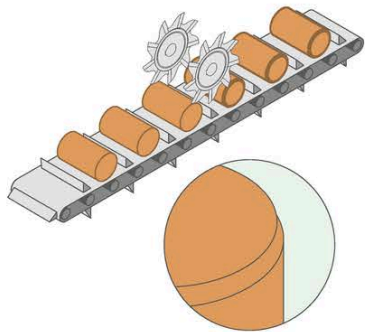
4

Extrusion, cutting
& quality check



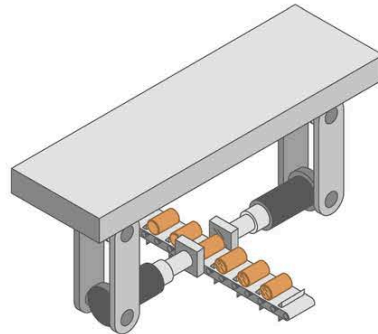
5

Chamfering



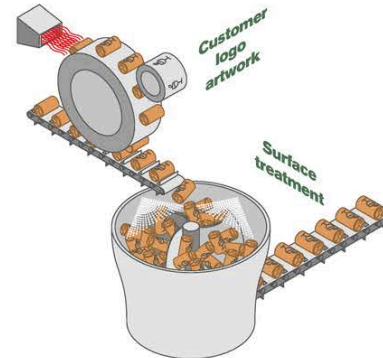
6

Embossing



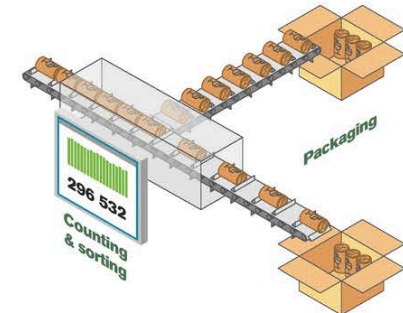
7

Printing & surface treatment

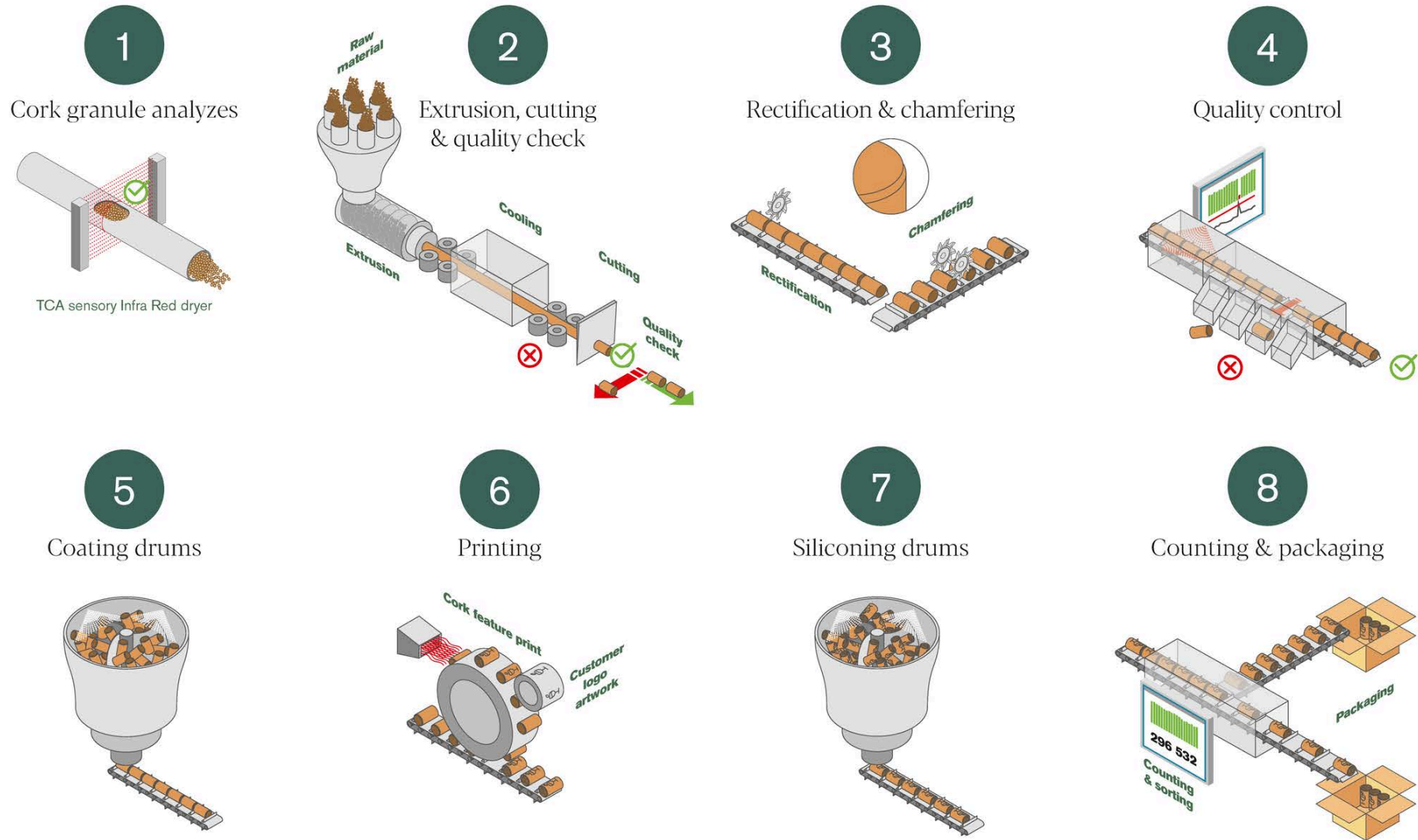


8

Counting & packaging



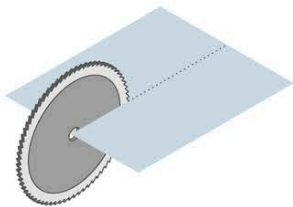
Our SÜBR production processes



Our VINTOP production processes

1

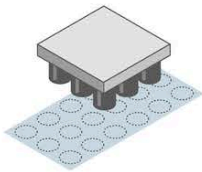
Aluminum sheet slitting



Batch of lithoprinted sheets approved by quality gets slitted in two

2

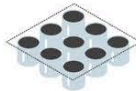
Punching



Punches deep drawing The aluminum sheet

3

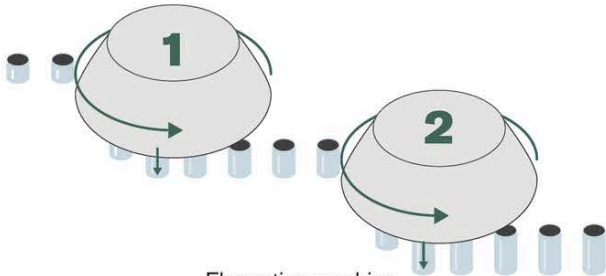
Punching



Semifinished shells

4

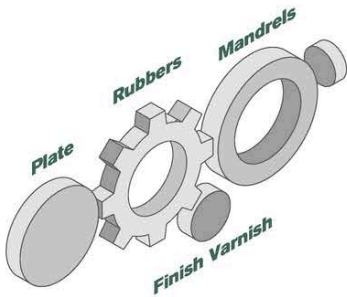
Rotative drawing



Elongation machine,
Step 1: Punches softly drawing the aluminum
Step 2: Punches again softly drawing the aluminum

5

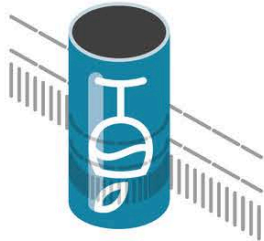
Rotative offset printing



Pusher (shells entry from chain)
Exit to ovens via chain

6

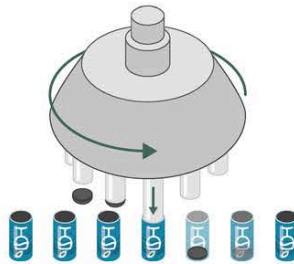
Knurling



Mandrels mediated roll forming

7

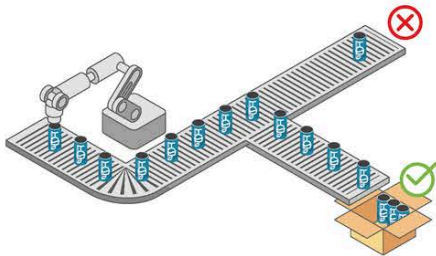
Liner insertion



Linners / finished shells

8

Sorting & packaging



Camera control & packaging

Alcohol Market 2024: Between Cultural Shift and Sector Transformation

The alcohol industry in 2024 is navigating a period of profound transformation. Across Europe, consumption is on the decline – particularly in wine and spirits. Wine sales have dropped by 3.4%, spirits by 1%, and sparkling wine by 1.4%. Beer is the only category showing modest growth (+1.6%), though even it experienced volume losses in key markets like Germany. Meanwhile, ready-to-drink (RTD) beverages and aperitifs stand out with growth exceeding 10%. However, their strong performance is not enough to offset the broader slowdown.

This downward trend reflects deeper, structural shifts in consumer behavior. Older generations are increasingly embracing healthier lifestyles, while millennials and Gen Z are drinking less – or choosing not to drink at all. Alcohol-free alternatives are gaining attention, yet their market penetration remains limited. For instance, non-alcoholic spirits still account for just 0.6% of the total market.

These changes are hitting traditional wine-producing countries especially hard. In France, the government has allocated €100 million in crisis support to Bordeaux. In Spain, wine exports have fallen to their lowest level in 12 years. Globally, wine consumption is at its lowest point since 1961, while production has dropped to just 226 million hectoliters – the smallest harvest in over six decades. This decline is largely attributed to climate-related challenges such as frost, drought, and mildew.

The spirits sector is not immune either. Industry leaders like Pernod Ricard and Campari are restructuring – selling off assets or reducing costs – to protect profitability in the face of falling sales.

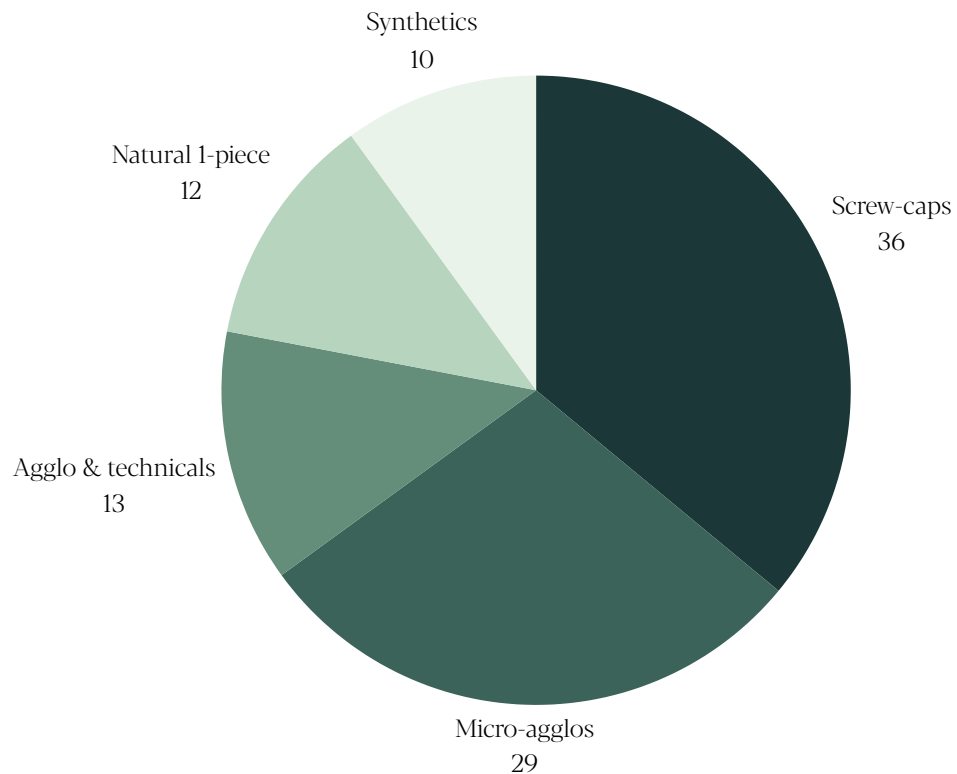
In response to these challenges, the OIV (International Organisation of Vine and Wine) stresses the need for adaptability. This includes sustainable production practices, engaging new audiences, and embracing innovation across both product and communication. As OIV Director John Barker put it, “The global wine sector is not in crisis, but in a phase of adaptation.”

In short, the alcohol industry is not merely experiencing a slowdown – it is undergoing a cultural, generational, and structural shift. To stay relevant, it must rethink its value proposition, move beyond traditional formats, and innovate to meet the expectations of tomorrow’s consumers.



Our markets, our customers

In the last year, we can see some trends in the wine market we operate:



Source: Vinventions internal estimation

- Market stabilization
- Health and Sustainability focus
- Changing consumer preferences
- Premiumization
- Climate change adaptation
- Digital influence and transparency
- Growth of Low and no-alcohol drinks

A Changing World of Wine – Reflections from the Summer Camp 2024

On June 20th, 2024, the Tomorrow Wine community by Vinventions made a stop in Bordeaux for its annual Summer Camp. The event brought together around forty professionals from the wine and spirits industry – leaders, managers, entrepreneurs, and experts – for a full day of reflection and discussion.

This third edition was more than just a gathering – it was a snapshot of a sector in full transformation. From shifting consumer habits to urgent environmental challenges, the wine world is navigating a period of deep metamorphosis. The Summer Camp served as a collaborative platform to understand, question, and share the diverse ways in which the industry is responding.

One of the highlights was the keynote by Benoît Heilbrunn, a renowned expert on consumer behavior. He explored how our societies are becoming increasingly fragmented, defined by ego-gregarious tendencies – where individuals seek to stand out while simultaneously craving recognition and belonging. In this complex context, brands can no longer rely solely on routine-based consumption; they must create new, meaningful rituals and imaginative worlds that speak to their communities. From alternative bottle formats made of flax fiber or rPET, to collaborative no-low brands, to circular economy initiatives with bottle reuse and ocean-bound plastic recovery, every story shared during the Camp revealed how much creativity, courage, and collaboration are now at the heart of wine's metamorphosis.

The Summer Camp 2024 confirmed it: the wine world needs to reinvent itself.





VINVENTIONS

2. Our results



CSR Reporting 2024: Consistent KPIs, Broader Scope

Why We Continue Tracking the Same KPIs in our 2024 CSR Report

As we publish our 2024 Corporate Social Responsibility (CSR) Report, we've chosen to maintain consistency in our Key Performance Indicators (KPIs). These indicators – unchanged from our 2023 report – allow us to continue building a robust, reliable baseline for measuring progress across environmental, social, and governance dimensions.

Consistency for Comparability

One of the main reasons we have kept the same KPIs this year is to ensure data comparability over time. Using a consistent set of indicators allows us to track our performance with clarity, identify long-term trends, and assess the effectiveness of our actions. This continuity supports our goal of making transparent, fact-based decisions to advance our sustainability and social responsibility ambitions.

Our current set of KPIs covers the core areas we consider essential to our impact as a business:

- Environmental performance (energy, water, waste, emissions)
- Social well-being (health & safety, diversity, absenteeism)
- Governance and workforce dynamics (hiring, attrition, board composition)

These indicators reflect our strategic priorities. By continuing to track the same KPIs, we can assess how our operations evolve as we implement new solutions, face new challenges, and grow as a company.

Safed & Engaged associates
Low energy consumption
Decarbonizing our energy
Scope 1 and 2
Diversified workforce
Renew/circularize & recycle
Recycling our waste
Low water consumption

Expansion of Reporting Scope: Two New Sites

In line with our operational expansion, this year's report integrates data from two new sites:

- Vinventions Rosarito, our newly opened production facility in Mexico, dedicated to better serving the American market.
- Pozzolo, located in Italy. This site specializes in printing aluminum sheets for our screwcap operations – marking the first time we are including a site that does not directly produce closures.

This inclusion reflects our commitment to transparency and comprehensiveness in our reporting.

What's Not Included

As in previous years, smaller production sites in Wellington (South Africa) and Yantai (China) remain excluded from our consolidated data. Together, they represent only about 1% of our closures sales and therefore do not significantly influence our group-level performance indicators.

Looking Ahead

Maintaining the same KPIs does not mean we are standing still. On the contrary, it enables us to better understand our progress and to refine our strategies accordingly. It also sets the stage for future developments – such as the upcoming integration of Scope 3 emissions data, covering areas like business travel, distribution, and investment-related impacts.

As our business evolves, so will our reporting. But our approach remains grounded in clarity, relevance, and impact. We believe that measuring what matters consistently is key to moving forward responsibly.

Vinventions KPI Summary

People

553
associates
(+2% vs 2023)

10
years

Average length
of service
(vs 9 in 2023)

A diversified workforce

30%
women in the
total workforce

Empowering People. Protecting the Planet.

At Vinventions, sustainability is not just a commitment. Our responsibility goes beyond our products: it is about empowering our teams, innovating for our clients, and reducing our environmental footprint across our entire value chain. Here's a snapshot of our 2024 performance, structured around our three sustainability pillars: People, Planet and prosperity.

46%
women in the
white-collar positions
(vs 41% in 2023)

105 tons

Private collection

Post-consumer closures sent to
recyclers (vs 89.4 in 2023)

95%

Production scrap management

95% production scraps offered
for recycling

67%

sustainable electricity

Energy consumption

Electricity / 1M closures:
6.8 MWh (vs 7.6 in 2023)

Planet

0.8 ml/closure

Water consumption

(vs 1.2 in 2023)

Our journey is ongoing and it's collective.

At Vinventions, we believe innovation, responsibility, and transparency will shape a resilient and sustainable wine industry. Together, we're sealing the future.

Prosperity

337 tons

of CO2 sequestered in 2024
through the purchase of
NOMACORC Green Line

9 608 kg

of Ocean-Bound Plastic
collected through the purchase
of NOMACORC Ocean



VINVENTIONS



VINVENTIONS



2. Our results:
people

Safe & engaged associates



Our Workforce in 2024

As of 2024, Vinventions employs 553 associates across our 7 reporting sites. This represents a 2% increase compared to last year's reporting (543 associates), driven by the inclusion of two new sites: Rosarito (Mexico) and Pozzolo (Italy).

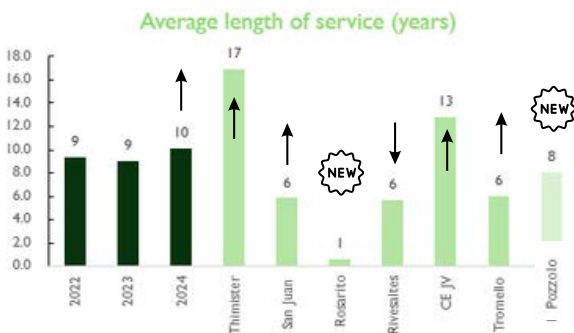
Including colleagues working remotely and associates at our South African and Chinese sites, Vinventions now employs close to 600 people globally. This growth underlines our ongoing investment in operational capacity and regional coverage.

Retention & Experience

The average length of service increased to 10 years across the company, up from 9 in the previous two years. This demonstrates a healthy level of retention and loyalty within the group.

The highest seniority is observed in Thimister (17 years) and CE JV (13 years).

Newer sites like Rosarito (1 year) naturally bring the average down, but also indicate a strong renewal dynamic.



New Hires and Organic Growth

In 2024, Vinventions welcomed 63 new organic hires, which represents more than 11% of the workforce. This is a strong indicator of our continued investment in human capital.

- The majority of new hires were made in Rosarito (20) and Tromello (18), aligned with recent expansion and transition activities.
- Other sites like Thimister (10) and Rivesaltes (6) also contributed to this growth.

Attrition and Stability

The annual attrition rate across the group in 2024 is -6%, indicating that Vinventions gained more associates than it lost during the year—a positive signal in terms of retention and growth.

This confirms that employee turnover remains low, and that we are entering a new phase of controlled expansion.

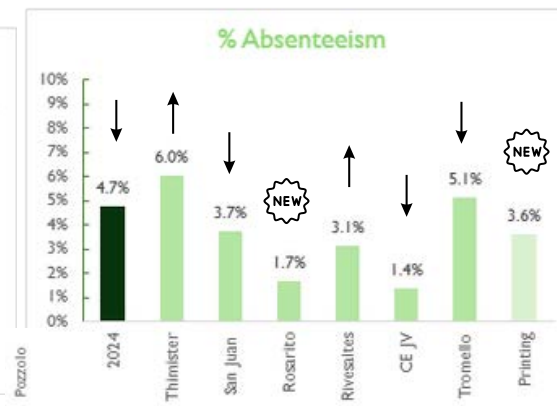
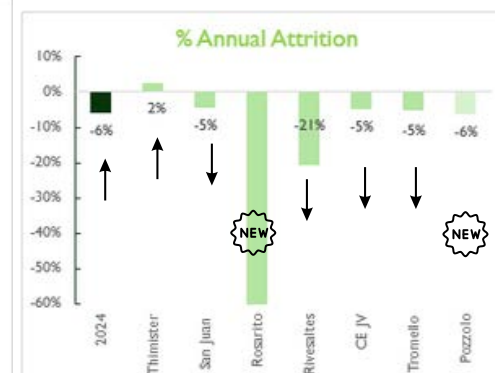


Absenteeism

For 2024, the overall absenteeism rate at Vinventions was 4.7%.

- Thimister and Tromello reported the highest rates (6.0% and 5.1%, respectively).
- CE JV (1.4%), Rosarito (1.7%), and San Juan (3.7%) showed notably low absenteeism levels.

Although this is the first year we are reporting absenteeism in a consolidated manner, the results already help us identify patterns and support targeted well-being actions in the future.



Laure-Anne Dortu
HR Manager Europe

At Vinventions, we believe that our people are our greatest strength. Seeing our teams grow, stay, and thrive, across regions and generations, is the best proof that our culture of care, respect, and purpose is real.

Whether it's welcoming new talents, celebrating long tenures, or improving well-being at work, our commitment is simple: to create an environment where everyone feels empowered to contribute, develop, and belong. These results reflect more than numbers—they reflect the passion, trust, and engagement of every single associate."

Safe & engaged associates



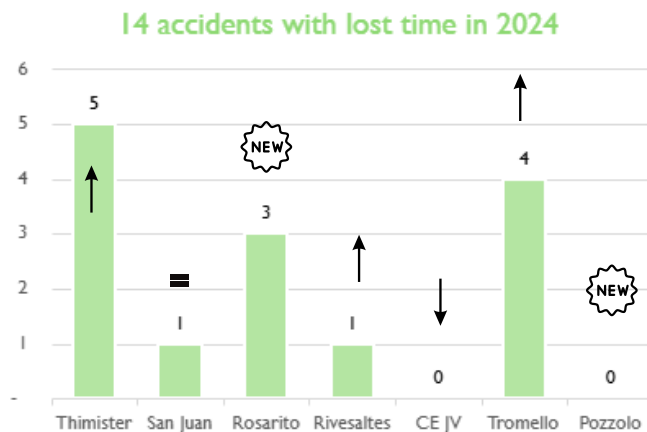
Our goal is to have a 5% YOY improvement of our lost time accident frequency rate leading to zero accident in 2030.

Lost Time Accident Frequency Rate (LTA Frequency)

In 2024, Vinventions recorded 14 lost time accidents, up from 8 in 2023. This increase is reflected in the LTA frequency rate, which rose from 10 to 18 accidents per million work hours. While the overall rate is higher than in 2023, it remains close to the 2022 figure, and still reflects our commitment to transparency and continuous safety monitoring.

The sharp increase is primarily due to a high number of incidents at our new Rosarito site, which recorded an LTA frequency rate of 54. In contrast, sites like San Juan (9), Thimister (17) and Tromello (17) remained below the group average, while CE JV and Pozzolo maintained a perfect score of zero.

As we integrate new sites into our safety culture, dedicated programs will be launched to enhance awareness, training, and prevention practices at all locations.



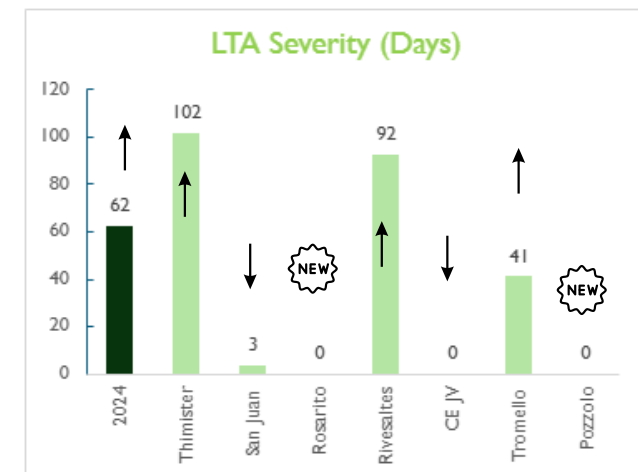
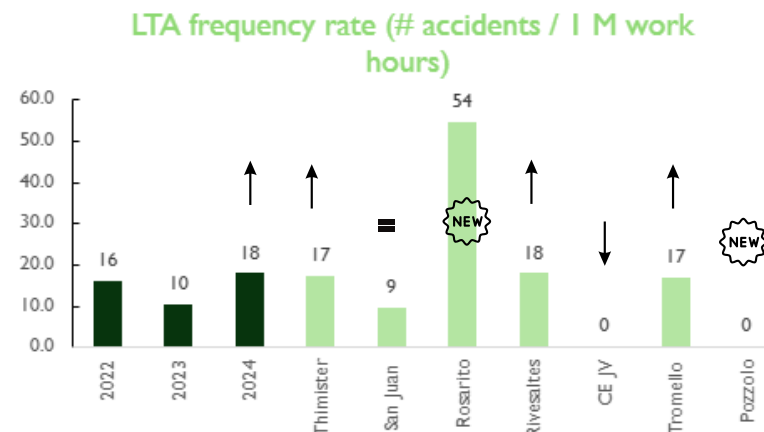
Lost time accidents severity rate

2024 also marked our continued reporting on the severity of lost time accidents – measured as the average number of days lost per accident.

This year, Vinventions recorded an average severity of 62 days, with the highest values reported at:

- Thimister (102 days)
- Rivesaltes (92 days)
- Tromello (41 days)

By contrast, San Juan, Rosarito, CE JV, and Pozzolo reported very low or zero severity, which is encouraging. However, the high average severity underlines the need to strengthen injury prevention efforts, especially for operations involving physical or repetitive tasks.



Pascal Wilket

At Vinventions, worker health and safety has always been a major concern. In 2018, WCM was integrated and since then, the number of accidents has dropped significantly (10 in 2018 ==> 5 in 2024) thanks, among other things, to shared vigilance, specific training, ergonomic referents, safety contacts,...

Now we're on the right track because for over 220 days we haven't had an unemployed accident (current record). Finally, don't forget: "Safety at work, a shared responsibility".

Diversified Workforce



Our goal is to strive for excellence in the industry by ensuring a strong representation of women in our workforce.

% Women in our workforce

In 2024, 30% of our total workforce across the seven reporting sites are women, a slight decrease from last year's 31%, but still significantly higher than the industry average.

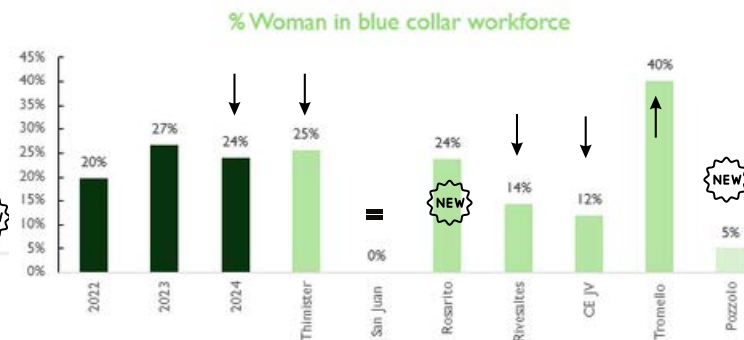
This translates to approximately one in three associates being a woman, reinforcing Vinventions' position as a best-in-class employer for gender diversity in the wine & spirits packaging sector.



% Women in blue-collar workforce

In 2024, 24% of our blue-collar workforce are women—slightly down from 27% in 2023. While this represents a modest decrease, the share remains substantially above industry norms and confirms that Vinventions continues to break gender stereotypes in industrial roles.

Our objective remains to reach and maintain a minimum 25% representation of women in production roles group-wide.



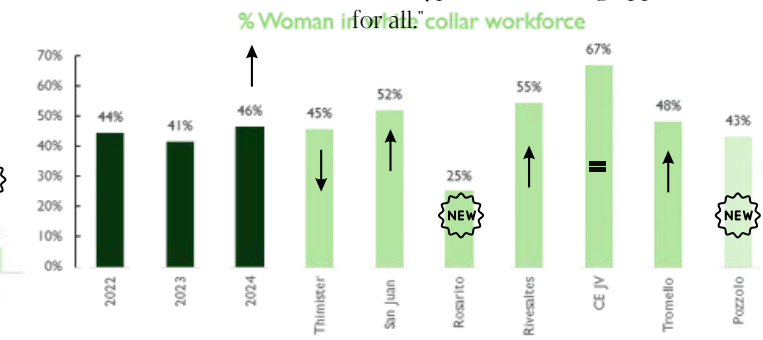
% Women in white-collar workforce

White-collar female representation has slightly increased to 46%, up from 41% in 2023. This improvement confirms our continuous efforts to maintain gender balance in professional and managerial functions.

Several sites now report near or above parity:

- CE JV leads with 67%, followed by Rivesaltes (55%) and San Juan (52%).
- Other sites like Thimister (45%), Tromello (48%), and Pozzolo (43%) also show strong performance.

Only Rosarito shows a significantly lower rate (25%).



Mariana Gonzalez
Finance and HR
Director

"At Vinventions, diversity is a direction we walk towards with every action we take, it's a strength that shapes our culture and drives our performance. At Vinventions, we're proud to lead the way in gender equity, especially in a traditionally male-dominated sector.

The progress we've made, particularly in white-collar roles, reflects our intentional actions to build balanced teams, foster inclusion, and support women at every stage of their careers. We know there's still work to do, especially in industrial roles, but we remain committed to breaking stereotypes and creating opportunities for all."

Welcome to the Vinventions Family: 63 New Talents in 2024!



In 2024, 63 new associates joined Vinventions, marking a dynamic year of growth and renewal for the company. This wave of recruitment reflects our continued investment in people, driven notably by the opening of our new production site in Rosarito, Mexico. Designed to support our expansion in the American market, this facility has already welcomed 20 new team members and embodies our ambition to grow with purpose by integrating sustainability, innovation, and operational excellence into everything we do.

Beyond business needs, these new hires also demonstrate Vinventions' strong commitment to generational renewal. Several sites, including Tromello and Rivesaltes, have welcomed young professionals into production and support functions, fostering diversity of age, background, and experience.

Whether they bring technical skills, creative ideas, or a fresh perspective, these newcomers represent the future of our company and will help us shape tomorrow's wine industry together.



Cécile Kairis
Cash Flow Management Officer

"I joined Vinventions just over a year ago, after being contacted through LinkedIn thanks to a professional connection. What initially drew me in was the company's reputation and the size of the organization. It felt like the perfect balance between the familiarity of a small business and the structure of a larger company.

What I found at Vinventions in terms of work atmosphere exceeded my expectations. From day one, I experienced a warm and well-organized onboarding. Everyone made time to welcome me, explain their roles, and help me integrate smoothly.

In my role managing treasury operations and customer-related financial matters across Europe, I appreciate the mix of analytical rigor and human connection. I'm not just doing data entry, I get to interact with customer service teams. It's a dynamic role that challenges me to strike a balance between financial discipline and commercial understanding.

What stands out most to me at Vinventions is the culture of well-being. There's a genuine respect for work-life balance and a collaborative atmosphere that contrasts noticeably with some of my past experiences. To anyone considering joining: if you're looking for a dynamic and caring workplace where people matter, you're knocking at the right door."

Focus on Axel Pirard, Site Director Vinventions Thimister

Factory of the Future: A collective success story



In 2024, Vinventions' Belgian production site in Thimister was once again recognized as a Factory of the Future – a prestigious label awarded by Digital Wallonia, Agoria, and Essenscia. It celebrates manufacturing sites that demonstrate excellence in technology, digital transformation, and sustainability. We spoke with Axel Pirard, Site Director, to understand what this means for the site, the people, and the future.

What does the Factory of the Future label represent for Thimister and its teams?

This label is a source of pride. It puts us on the map alongside major players in the industry even though we're much smaller. It validates years of progress across technology, sustainability and team engagement. Most importantly, it's a strong message to our partners and customers: we're future-ready and built to last.

What are the key criteria for earning the Factory of the Future label?

The label is based on the Made Different methodology, which evaluates companies across seven key transformation axes: advanced manufacturing technologies, end-to-end digitalization, sustainable and circular practices, human-centered organization, smart and connected production systems, value network integration, and business model agility.

To earn this recognition, companies must demonstrate concrete results and a strategic vision across all these dimensions. It's not just about using digital tools – it's about embedding them in a culture that remains profoundly human.

This national title is valid for three years, and we're proud to be in the company of other forward-looking Belgian manufacturers like GSK, L'Oréal Libramont, Spa Monopole, Alstom Belgium, and Takeda. In 2025, four new companies – CCEP Chaudfontaine, Safran Blades, Knauf Insulation, and UCB – were also awarded the label, while our own certification was renewed for a second time.

What were the keys to success in achieving this recognition?

The key ingredient is people. Every department is involved: IT, engineering, production... It's not just a project; it's how we work. This collective engagement is what makes the label meaningful. It brings reassurance that the company is planning for the long term, and it fosters a deep sense of belonging and pride.

How does digital transformation show up in day-to-day operations?

It's present in everything: from production systems to planning and support services. But I believe the real AI revolution is happening on the administrative side: scheduling, customer service, support functions. That's where we see the biggest potential to improve efficiency and free up people's time for higher-value tasks.

And how is Thimister preparing for future challenges?

Two main challenges: financing and staying up to speed with new technologies. Many of our sustainability projects, like expanding our solar panel coverage, require significant investment and have long payback periods. And with AI evolving so quickly, the key is knowing how to apply it meaningfully in our context.

How do you keep teams engaged in such a long-term transformation?

Communication. We never spend too much time talking with our people – whether they're in maintenance, production, or the office. The human factor is the most important one. You can see it: when auditors visit, they notice people are smiling. It shows they're proud of what they do and feel part of something meaningful.

What are you most proud of as Site Director?

I'm proud of our people's commitment to making great products with high quality and efficiency. I'm also proud that we've defined a clear roadmap. Even in uncertain geopolitical times, our teams know where we're headed. That clarity gives hope and confidence.

What's next for Thimister?

We're focusing on reducing waste and consumption of water, gas, electricity all while integrating AI more deeply into our processes. We're also engaged in a three-year carbon convention, which pushes us to accelerate improvements that we would have pursued anyway.



Our Team Dedicated to Sustainability and Non-Financial Reporting

As Vinventions continues to lead the way in sustainable innovation, we are proud to introduce our dedicated team focused on sustainability and non-financial reporting. This team plays a central role in reinforcing our long-term commitment to transparency, regulatory compliance, and positive impact.

Led by Romain Thomas, the team brings together passionate contributors from across departments and geographies:

- Sandra Davidts for Thimister
- Frédéric Degonhier for Rivesaltes
- Maria Pia Gaia for San Juan
- Andrea Berruti for Alplast
- Marco Cappozzo for Tromello and Pozzolo
- Raul Martinez for Rosarito
- Caroline Thomas for Marketing

Key Priorities for 2025

Looking ahead to 2025, the team will take on two major projects:

- The drafting of our first VSME report (Voluntary Sustainability Reporting Standard for non-listed SMEs): an important milestone in structured and stakeholder-relevant ESG disclosure.
- A comprehensive assessment of Scope 3 emissions, which includes all indirect emissions that occur along our value chain such as emissions from suppliers, product transport, waste disposal, and customer use of our products. To support this complex effort, we are partnering with RDC Environnement, a sustainability consultancy based in Belgium.

By forming this cross-functional team, Vinventions is laying the groundwork for a more ambitious, transparent, and actionable sustainability strategy. This collaborative approach not only meets regulatory demands but also supports our mission to create lasting value for people, the planet, and the wine & spirits industry.



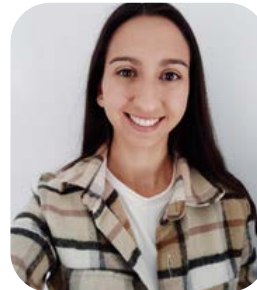
Romain Thomas



Sandra Davidts



Frederic Degonhier



Maria Pia Gaia



Andrea Berruti



Marco Cappozzo



Caroline Thomas



Raul Martinez

Double Materiality Assessment: A Strategic Lens on What Matters Most

In 2024, Vinventions conducted a Double Materiality Assessment (DMA) in collaboration with Deloitte, marking a significant milestone in our sustainability journey. This process is a core requirement of the European Sustainability Reporting Standards (ESRS), which call for companies to identify and prioritize the sustainability topics most relevant to their business and stakeholders.

But what exactly is a double materiality assessment?

It means evaluating sustainability issues from two complementary perspectives:

- Financial materiality: How do environmental, social, and governance (ESG) topics impact the financial performance, risks, and opportunities of our business?
- Impact materiality: How does Vinventions, through its operations and value chain, affect people and the planet?

By combining these two lenses, we gain a clearer, 360° view of what truly matters ; not only to us, but also to our customers, partners, employees, investors, and the broader society.

The DMA is not just a regulatory exercise. It is a strategic tool that helps us:

- Understand the expectations of our stakeholders
- Focus on topics with the greatest potential for impact and risk
- Align our ESG actions with our core business priorities
- Prepare thoroughly for future reporting obligations under CSRD

To carry out this assessment, we consulted a wide range of internal and external stakeholders and analyzed how Vinventions both influences and is influenced by key sustainability challenges along its value chain.



Environment (E)
<ul style="list-style-type: none">• Climate change adaptation• Climate change mitigation• Energy• Pollution• Microplastics• Water consumption• Direct impact drivers of biodiversity loss• Circular economy• Waste Management

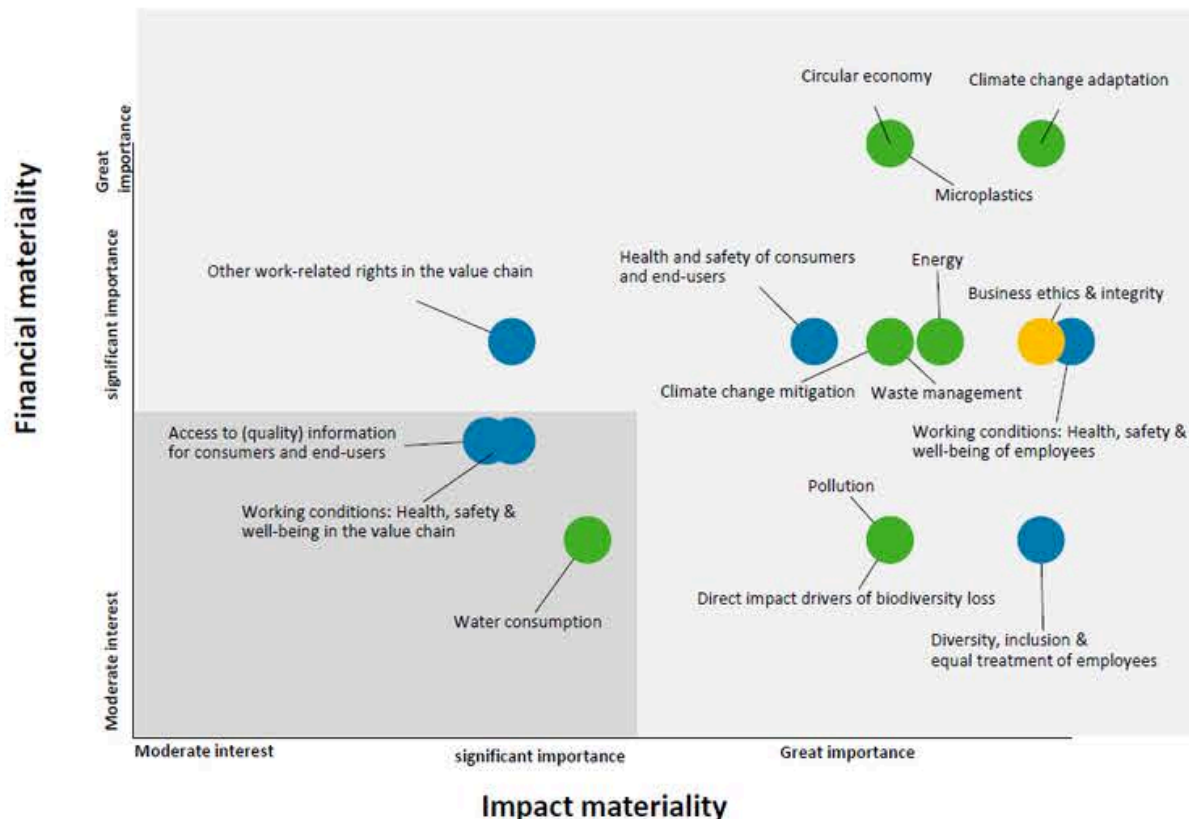
Social (S)
<ul style="list-style-type: none">• Working conditions: Health, safety & well-being of employees• Diversity, inclusion & equal treatment of employees• Working conditions: Health, safety & well-being in the value chain• Other work-related rights in the value chain• Access to (quality) information for consumers and end-users• Health and safety of consumers and end-users

Governance (G)
<ul style="list-style-type: none">• Business ethics & integrity

Double Materiality Assessment

As a result, we defined a short list of 16 material topics that reflect the most significant areas of focus for Vinventions today and in the coming years. These topics will guide our reporting, strategy development, and target setting, ensuring that our sustainability efforts are not only compliant but also credible, focused, and impactful.

The materiality matrix shows the relevance of sustainability themes for the stakeholders based on their impact and financial materiality



Environment (E)

- Climate change adaptation
- Climate change mitigation
- Energy
- Pollution
- Microplastics
- Water consumption
- Direct impact drivers of biodiversity loss
- Circular economy
- Waste Management

Social (S)

- Working conditions: Health, safety & well-being of employees
- Diversity, inclusion & equal treatment of employees
- Working conditions: Health, safety & well-being in the value chain
- Other work-related rights in the value chain
- Access to (quality) information for consumers and end-users
- Health and safety of consumers and end-users

Governance (G)

- Business ethics & integrity

Training & Development at Vinventions

At Vinventions, we believe that continuous learning is essential, not only for the growth of our business, but also for the personal and professional development of each team member. We are committed to providing everyone with the opportunity to learn at their own pace, in line with their aspirations and evolving needs.

From day one, learning is part of the journey. New team members follow a structured onboarding program that immerses them in the heart of our company. Over several weeks, they rotate through multiple department, including Finance, Quality, IT, Marketing, and our production sites, gaining hands-on insights into the key pillars of our operations. These immersive experiences are designed to give them a 360° understanding of our business and culture.

To deepen this interdepartmental knowledge, we also organize regular "Vis ma vie" sessions ("Walk in My Shoes"). These allow colleagues, for instance from Customer Service, to shadow sales representatives during field visits, bridging the gap between the office and the reality of our customers. These moments not only build empathy and collaboration, but also reinforce our shared commitment to delivering excellence at every level.

In 2023 and 2024, our teams completed more than 6,000 hours of training, supported by both external organizations and in-house programs. Each associate has access to a rich and diverse catalog of learning opportunities, designed to strengthen their skills and expand their horizons.

A cornerstone of this approach is the Vinventions Academy, launched in 2016, which offers comprehensive training on our core topics and products. To date, we have hosted 138 Academy sessions, open to all associates. Our goals are clear:

- Equip our teams with a deep understanding of our solutions and values
- Offer systematic onboarding programs for newcomers
- Support continuous upskilling for all employees

Another key initiative is Leadership@Vinventions (L@VV), launched in 2021 to nurture a culture of shared leadership. This program has grown year over year, with more than 50 participants engaging in dedicated modules. Through L@VV, we aim to empower our people, enhance collaboration, and foster leadership at every level of the organization.

These training efforts are closely aligned with our Vinventions Foundations, which guide our company culture and strategy. By investing in learning, cross-functional understanding, and leadership, we're building a stronger, more agile organization, ready to meet the challenges of tomorrow, together.



More than 3 000 hours
of training in 2024

Initiatives



Participation in the 2024 Verviers Relay for Life

Last year, during the weekend of the 10th Verviers Relay for Life, our team came together to honour Jean-François Rigo, a colleague from the quality department in Thimister who passed away from cancer two years ago, through our group, 'Les RIGOlOs.' Thanks to the participation, support, and delicious baked goods from everyone involved, the event was a great success.

We are proud to share that we raised more than 5 000 € for the Cancer Foundation in 2024.

As we reflect on last year's accomplishments, we are already looking forward to the next Relay.



Turning Blue Monday into a Positive Day at Vinventions

Often described as the most depressing day of the year, Blue Monday took on a completely different meaning at Vinventions. In line with our ongoing commitment to employee well-being, we transformed this day into an opportunity to bring our teams together around uplifting, energizing activities.

The day began with a healthy, balanced breakfast shared in a warm and welcoming atmosphere, setting a positive tone for the week ahead. This was followed by a collective walk around our site, open to all team members. Thanks to everyone's enthusiasm, we completed a total of 182 laps – a powerful example of collective effort and the benefits of staying active together.

At Vinventions, we firmly believe that the health and well-being of our employees are essential drivers of sustainable performance. By offering initiatives that support both physical and mental balance, we aim to foster team cohesion and create a work environment where everyone can thrive. Investing in well-being means investing in people – and in our future.

Initiatives

Vinventions Day 2024 – Raising Awareness on Addictive Behaviours

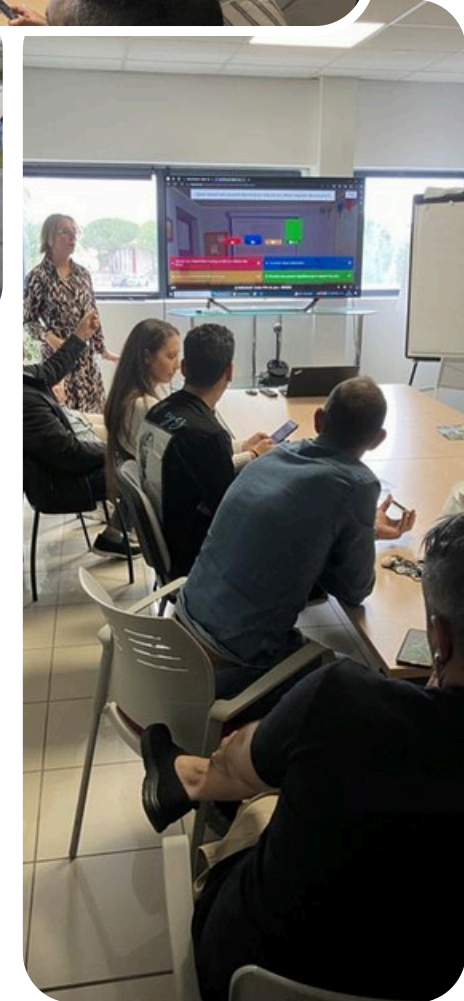
This year again, Vinventions dedicated part of its working time to promoting well-being. On the occasion of the 2024 edition of Vinventions Day, we chose to focus on a topic that concerns us all, both personally and professionally: addiction.

Whether it's to a device (like a smartphone or screen), a substance (sugar, alcohol, nicotine), or even to work or sports, any of us can be confronted with a form of dependency

We don't pretend to have a magic wand to resolve all these challenges. But by opening the conversation, we aim to break taboos and provide tools, insights, and shared experiences through a series of dedicated workshops.

Special attention was given to digital addiction, a growing concern that impacts mental health, productivity, social relationships, and even occupational safety.

Vinventions Day 2024 reflects our continuous commitment to well-being in the workplace through awareness, education, and care.



Initiatives



Work'n Run 2024: Sport, Team Spirit & Growing Participation!

This year, our team once again took part in the Work'n Run event: a dynamic AfterWork concept that blends jogging, networking, and team building. With over a hundred regional companies involved, it offered the perfect setting to connect with local businesses while strengthening our internal team bonds.

What made the 2024 edition even more special was the growing number of colleagues joining in. Whether walking or running, the message was clear: being part of the team is what truly matters. The shared energy, laughter, and encouragement created an atmosphere of unity and pride.

We're already gearing up for the 2025 edition, with even more motivation and team spirit. Let's keep the momentum going!



Honouring Jean-François Rigo: A Heartfelt Tradition Continued in 2024

In 2024, we once again came together to honour the memory of our dear colleague Jean-François with a meaningful jogging event: an annual tradition that has become a cornerstone of our team culture.

Despite the rainy weather, many colleagues showed up with enthusiasm and good spirits, proving that this gathering is about much more than just a run.

After the effort came the reward: a well-deserved drink and a comforting spaghetti meal shared together, turning the evening into a perfect blend of activity and conviviality.

Beyond commemorating Jean-François, this event once again strengthened our team spirit and created space for meaningful networking and shared memories. We're proud to carry this tradition forward and look forward to many more editions in the years ahead.

Initiatives



Walking Together for a Cause: The Pink Ribbon walk

We are thrilled to share the wonderful outcomes of the Pink Ribbon Walk, an initiative championed by our Belgian Green Team, «Vino». From May 1st to May 31st, 2024, over 50 participants joined forces in this 9th edition of the event, walking together to support the fight against breast cancer and promote personal health and well-being.

Our Journey Together:

Throughout May, our team members committed to walking an average of 7,500 steps each day. This goal, designed to be both achievable and beneficial, proved to be a fantastic way to stay active and engaged. Participants enjoyed the numerous health benefits of daily walking, such as improved physical condition, enhanced muscle and bone strength, better endurance, and boosted memory and concentration. The positive impacts on cardiovascular health and mood, thanks to the release of endorphins, were also widely appreciated.



Pink October: Walking for Breast Cancer Awareness

In October, our teams proudly came together for the annual Pink Walk, an event dedicated to breast cancer awareness. Dressed in vibrant shades of pink, we walked to support those affected by the disease and to raise awareness about the importance of prevention and early detection. More than just a symbolic walk, this initiative united us around a shared purpose, demonstrating the strength of our collective commitment to health, care, and solidarity.



Initiatives



Well-being at the Heart of Our HR Strategy in Thimister

At Vinventions, employee well-being is not just a priority, it's a pillar of our HR strategy. We are convinced that taking care of our people is essential to ensuring a healthy, engaged, and motivated workforce. At our Thimister site, several initiatives have been introduced to support both physical and mental health:

- **Monthly Massage Sessions**

Each month, professional massage sessions are offered on-site, giving colleagues a moment to unwind and relax. Over half of our team members regularly take part in these sessions.

- **Nap Room**

To complement our relaxation initiatives, we provide access to a nap room where employees can recharge during their breaks. A short power nap, especially for those working in shifts or continuous operations, can significantly boost energy and concentration.

- **Fresh Fruit Basket**

Every week, a basket of local fresh fruit is made available to encourage healthy snacking and raise awareness about the importance of a balanced diet.

- **Lunchtime Yoga**

Regular yoga sessions are organized during lunch breaks, helping employees stretch, breathe, and reconnect.

- **Medical Checkups for 45+ Employees**

In collaboration with our external occupational health partner, we offer comprehensive annual health checkups for employees aged 45 and older. These checkups help participants take proactive steps toward maintaining their health.

- **A Touch of Belgian Chocolate**

To recognize perfect attendance throughout the year, employees with exemplary presence receive a small box of fine Belgian chocolates.

These are just a few of the many initiatives that reflect how seriously we take well-being at Vinventions. Creating a supportive, healthy, and inspiring work environment is essential to our success and to the happiness of our teams.



Initiatives

Engaging Locally: Building Strong Ties with Neighboring Businesses

In Belgium, Vinventions maintains close relationships with neighboring companies through active participation in the local business club of the industrial area. Throughout the year, our teams take part in various collective activities that promote team building, conviviality, and knowledge sharing.

Sporting events like pétanque tournaments or go-kart (cuistax) races offer informal and dynamic opportunities for employees to connect. In addition, breakfast meetings and shared lunches are regularly organized around topics such as human resources, environmental practices, and employee well-being.

These initiatives not only strengthen our local engagement, but also encourage the exchange of best practices among companies – supporting a shared path toward collaboration and sustainable development.



Spreading Holiday Cheer, the Belgian Way!

In December, the holiday spirit lit up our Belgian site as the team gathered for a joyful and cozy Christmas "goûter". Dressed in their finest (and funniest!) festive sweaters, colleagues came together to share sweet treats, laughter, and warm moments.

More than just a celebration, this event was a perfect reflection of our team spirit: onnected, caring, and united. It reminded us how valuable these moments of togetherness are in strengthening bonds and creating a positive, human-centered workplace.

Wishing everyone a season filled with joy, connection, and a touch of magic. Let's meet again in 2025 to write more inspiring and innovative stories together!

Initiatives



Creating Connections Through Play: The Green Team's Role in Strengthening Bonds

At Vinventions Belgium, sustainability isn't only about environmental impact, it's also about people and creating meaningful connections within our workplace. That's why our local Green Team, known as Vino, plays an essential role in building a positive and inclusive company culture.

Beyond their commitment to sustainable practices, the Vino team is actively involved in organizing moments that bring people together from different departments in fun and informal ways. One great example is the monthly lunchtime board game sessions.

These sessions are more than just games, they're a chance to take a break, laugh, collaborate, and get to know colleagues in a different light. Whether you're from production, administration, or quality, everyone is welcome to join in and share a friendly, cross-functional experience.

By creating opportunities to connect outside of daily tasks, Vino helps foster a stronger sense of community, improve internal communication, and support overall well-being at work.



Buzzing with Purpose: Beehives Supporting Local Causes

In Belgium, sustainability at Vinventions is also rooted in nature—quite literally. Thanks to the initiative of the Vino Green Team, we've partnered with a local beekeeper, Le Rucher du Grand Chêne, to host two beehives on the green space surrounding our site.

These hives are more than just a symbol of biodiversity. Every year, the honey produced by our bees is harvested and sold to support local charities. One of the beneficiaries is Les P'tites Souris, a non-profit organization that provides essential support to families in need in the Verviers region.

This initiative brings multiple benefits: it raises awareness about the importance of pollinators, enhances local biodiversity, and contributes to social solidarity. It's a simple yet powerful example of how small actions can make a real difference.



Initiatives

Empowering Our Team in Argentina: Training on Personal Finances

In Argentina, where the economic landscape can shift rapidly, we believe that financial literacy is a vital tool for personal well-being. That's why we launched a dedicated Training on Personal Finances for our local staff.

The initiative aimed to equip employees with practical knowledge and tools to manage their money wisely, covering topics such as budgeting, saving, responsible use of credit, and financial planning. By offering this training, we not only support the professional growth of our team but also their personal resilience in navigating economic uncertainty.

This program is part of our broader commitment to employee well-being and empowerment, helping our people thrive both inside and outside the workplace.



Christmas with Purpose – Supporting the Machaka Project

In December 2024, as part of our ongoing commitment to sustainability and social impact, Tromello chose to give its annual employee Christmas gifts a deeper meaning. This year, we partnered with Trame Africane, a non-governmental organization working to improve the living conditions of disadvantaged communities in Africa.

The gifts, distributed at both Tromello and Pozzolo sites, directly supported the Machaka Project: an initiative aimed at fostering self-sufficiency, education, and healthcare in the village of Machaka. Each festive package contained high-quality Italian pasta and two cans of tomato sauce, combining tradition with solidarity.

Through this gesture, we not only celebrated the holiday season but also demonstrated Vinventions' dedication to meaningful action and global responsibility.



Initiatives

Supporting Future Talent in Argentina: Project “Empujar”

At Vinventions South America, we believe in the power of education and mentorship to shape the future. That's why we are proud to collaborate each year with the Empujar Foundation, an organization that empowers high school students in their final year to transition confidently into the world of work or further education.

Through this initiative, our team members, including directors from various departments, delivered engaging talks to share insights into their roles and career paths. These sessions helped students discover the wide range of opportunities available in today's job market. We also had the pleasure of welcoming the students on-site, giving them a firsthand look at our operations and company culture.

By supporting Project Empujar, we aim to equip the next generation with the tools, confidence, and inspiration they need to pursue their future with purpose.



Triple Impact for a Good Cause: Recycling for the Home School “Juan José Estrada”

At Vinventions South America in Argentina, in our latest initiative, we partnered with the Home School “Juan José Estrada” to create a campaign with a triple impact: environmental, social, and educational.

Our team engaged in a plastic recycling and collection drive, encouraging employees to bring plastic waste from home to be reused in the form of Bottles of Love – eco-bricks made by stuffing clean plastic waste into bottles to give it a second life.

For every kilogram of plastic collected and repurposed, Vinventions contributed financially to the school, supporting the purchase and installation of soft flooring for the children's playground. Thanks to this effort, students can now enjoy a safer and more fun play area.

This initiative reflects our ongoing commitment to building a more sustainable world, starting with our communities and our everyday actions.

Initiatives

From Holiday to Hope: Cinzia Pasquali's Mission to Bring Healthcare to Kenya

What began as a family trip to Kenya became a life mission for Italian humanitarian Cinzia Pasquali. Deeply touched by the reality she witnessed in Jacaranda, she returned home determined to act. With the help of friends and local partners, a dream began to take shape.

Initially focused on pandemic relief (providing food, medicine, school supplies, and remote teaching), the project never stopped evolving. In July 2024, Cinzia and her team inaugurated the Marafiki K.C. Hospital, offering accessible healthcare in a region where treatment is often financially out of reach. On opening day alone, over 130 patients received free consultations and medicine.

A key pillar of the initiative is the women's health program. To combat menstrual poverty and help girls stay in school, over 850 kits of washable, reusable sanitary pads have been distributed. This project continues today thanks to dedicated volunteers on the ground.

Vinventions played a crucial role by funding solar panels that now power the hospital's essential equipment and water supply.

The hospital offers a wide range of services, from lab tests and consultations to prenatal care and minor surgery. Recent additions include home visits and plans for 24-hour emergency care, maternity services, and staff accommodation.

Cinzia's mission reminds us all how a single act of kindness can blossom into lasting impact.



Cycling to Work: A Healthy and Sustainable Choice

At Vinventions Belgium, sustainability also means rethinking how we commute. That's why we offer our employees the opportunity to lease a bike through a dedicated program designed not only to reduce CO₂ emissions but also to encourage healthier lifestyles.

The principle is simple: any team member who commits to cycling to work at least once a week can benefit from a company-supported bike lease. Whether it's an electric bike, a city bike, or even a folding bike, the choice is theirs – adapted to their needs and lifestyle.

This initiative has a triple impact:

- It reduces environmental impact by promoting low-emission commuting.
- It's great for physical and mental health. Cycling regularly improves cardiovascular health, reduces stress, and keeps energy levels high.
- And finally, it contributes to a better quality of life, by offering a flexible, cost-effective, and enjoyable way to get to work.

By choosing the bike over the car, our teams are taking small but powerful steps toward a more active and sustainable future, one ride at a time.





VINVENTIONS



2. Our results: planet

Low Energy consumption



Our goal is to be best-in-class in the industry in energy consumption per closure

Our Energy Consumption in 2024

In 2024, our total energy consumption—including both electricity and heating gas—remained stable overall. Our energy intensity has improved slightly, with an average of 6.8 MWh per 1 million closures sold, compared to 7.6 MWh in 2023 and 7.9 MWh in 2022. This progress confirms our continued efforts in energy efficiency.

Electricity remains our primary source of energy, representing over 75% of total consumption, and nearly 80% of it is sourced from renewable or low-carbon sources. Heating gas is used more selectively, primarily for climate comfort and industrial processes in specific plants during winter.

Electricity Consumption Intensity

In 2024, electricity consumption intensity slightly decreased across the group, reaching an average of 6.8 MWh per 1 million closures sold.

- The most energy-efficient sites were Thimister (6.5 MWh) and Tromello (5.1 MWh).
- Sites like Rivesaltes (14.8 MWh) and Rosarito (12.8 MWh) showed higher consumption levels, due in part to technical process needs and equipment ramp-up.
- This variability highlights the importance of site-specific actions and equipment optimization to reduce our electricity footprint.

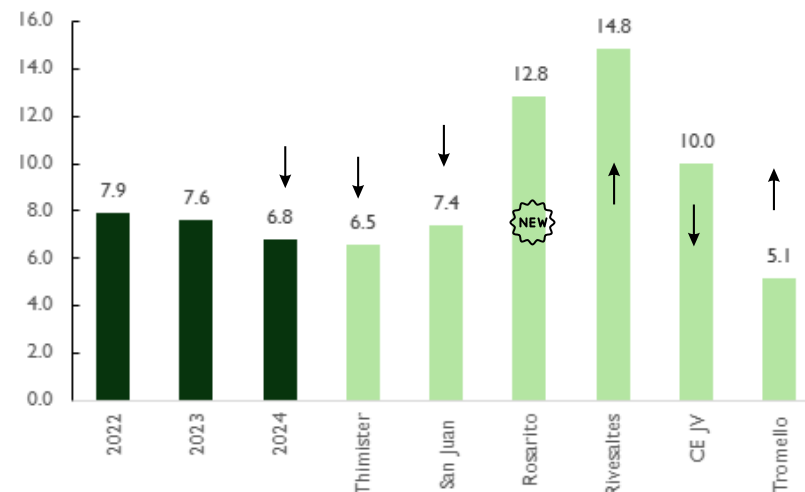
Heating Gas Consumption Intensity

Heating gas consumption remains limited within the group and is highly concentrated in Tromello, which accounts for the vast majority of usage.

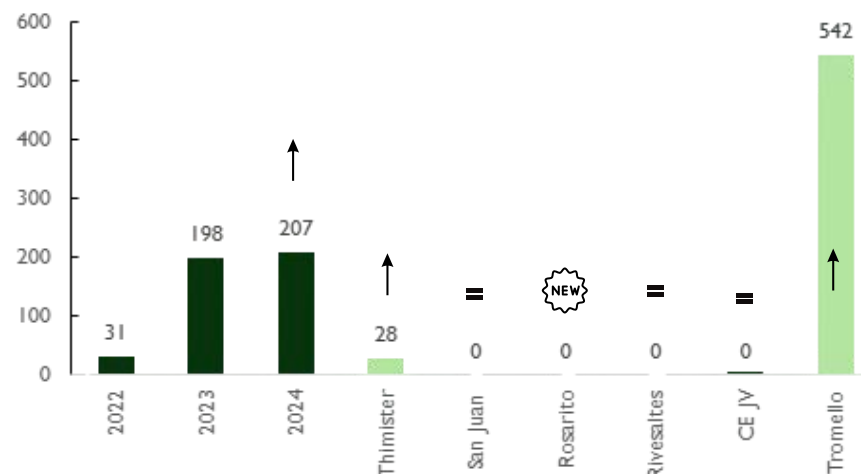
- Tromello recorded 542 m³ per 1 million closures sold, compared to 28 m³ in Thimister, and 0 in all other reporting sites.
- As a result, our group average rose slightly to 207 m³ per 1 million closures, compared to 198 m³ in 2023.

While Tromello's infrastructure still relies on natural gas for heating and industrial ovens, we are actively exploring alternative solutions, including electrification, heat recovery, and building insulation improvements, to progressively reduce our dependency on fossil fuels.

Electricity consumption (MWh) / 1 M closures sold



Heating gas consumption (m³ / 1 M closures sold)



Decarbonizing our energy



Our goal is to transition all our own plants and offices to 100% sustainable electricity by 2027

Sustainable ("zero"-carbon) electricity

In 2024, 67% of the electricity used across Vinventions sites came from sustainable, low-carbon sources, including wind, solar, hydro, biomass, and nuclear. While this represents a slight decrease from 75% in 2023, it is largely due to the inclusion of new reporting sites like Rosarito and Pozzolo, both still in transition with respectively 60% and 36% sustainable electricity.

Highlights from this year's performance:

- Thimister and Rivesaltes maintained their 100% sustainable electricity usage.
- Other sites like Tromello (36%) and CE JV (30%) showed room for improvement.
-

We remain committed to our goal of reaching 100% sustainable electricity by 2027, with a 5% annual increase target. Plans are underway to evaluate supplier contracts and green certificate opportunities to accelerate the transition.

Renewable Electricity (Fossil-Free)

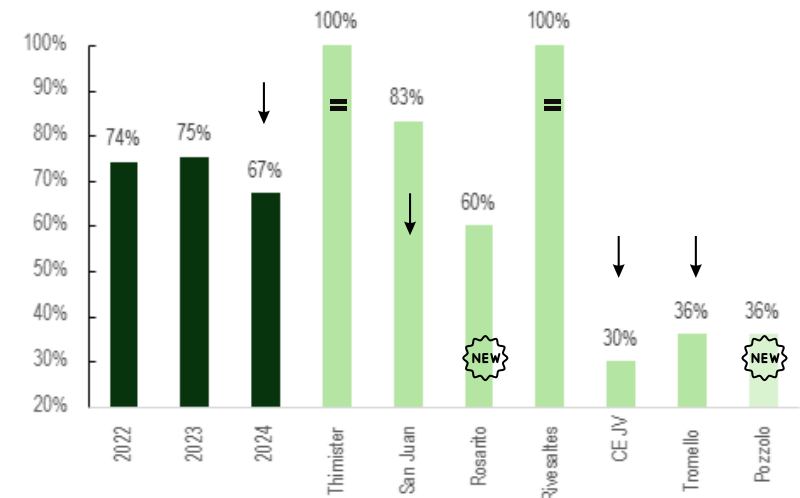
In parallel, we also track electricity sourced from fully renewable origins – such as solar, wind, and hydro. In 2024, 66% of the electricity consumed at Vinventions was renewable, stable compared to 67% in 2023.

Key achievements include:

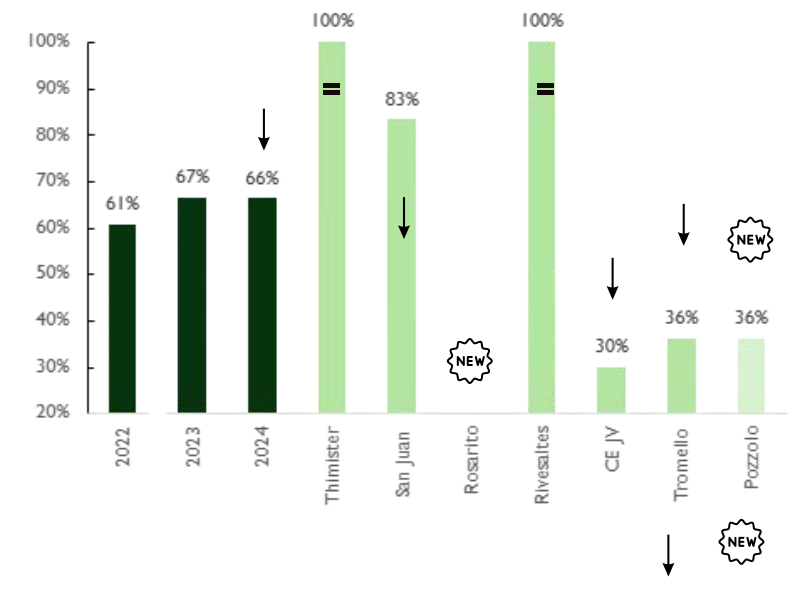
- Thimister and Rivesaltes all operating at 100% renewable electricity.
- CE JV remains a priority for improvement, with only 30% renewable electricity reported this year.

Our long-term ambition is to achieve 100% renewable electricity by 2030. We will continue to work site-by-site to meet this goal, combining energy purchasing strategies and infrastructure upgrades.

% Sustainable ("zero" carbon) electricity



% Renewable (solar, wind, hydro) electricity



GHG Emissions Measurement: Scope 1 and Scope 2



Our goal is to achieve a 20% reduction in our Scope 1 and 2 direct GHG emissions by 2030

In 2024, we continued measuring our direct (Scope 1) and indirect (Scope 2) greenhouse gas emissions with increased accuracy.

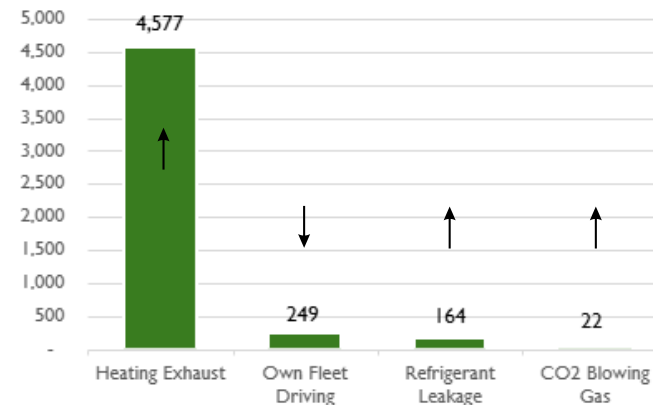
Direct GHG emissions (Scope 1) amount to 5,005 metric tons of CO₂, primarily from heating exhaust (4,569 tons), followed by emissions from our vehicle fleet (249 tons), refrigerant leakage (164 tons), and the use of CO₂ blowing gas (22 tons).

The average Scope 1 GHG impact per closure is 0.59 grams of CO₂, slightly up from 0.54 g in 2023. The Tromello site has the highest impact, with 1.17 g CO₂/closure, followed by Thimister (0.38 g) and San Juan (0.16 g). The CE JV site reported zero direct emissions.

Indirect GHG emissions (Scope 2), related to purchased electricity and heat, total 3,276 metric tons of CO₂, all attributed to purchased electricity. Emissions from purchased heat are indeed negligible.

The average Scope 2 GHG impact per closure is 0.90 grams of CO₂ in 2024, compared to 0.83 g in 2023. Significant disparities remain across sites: Rosarito has the highest impact at 3.88 g CO₂/closure, followed by CE JV (3.18 g) and Tromello (1.64 g). In contrast, sites like Thimister and Rivesaltes show no Scope 2 emissions, as they are fully powered by green electricity.

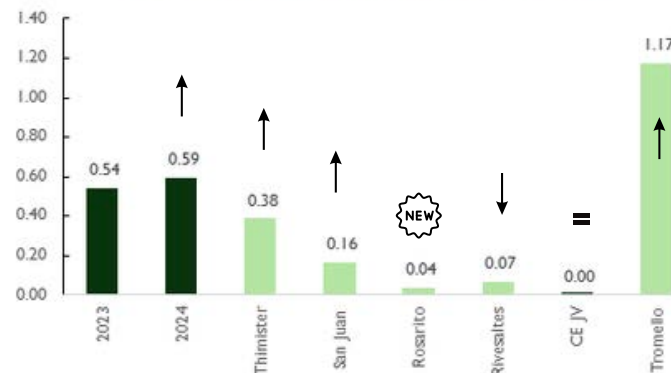
Scope 1 Direct GHG Emissions = 5 012 mT CO₂



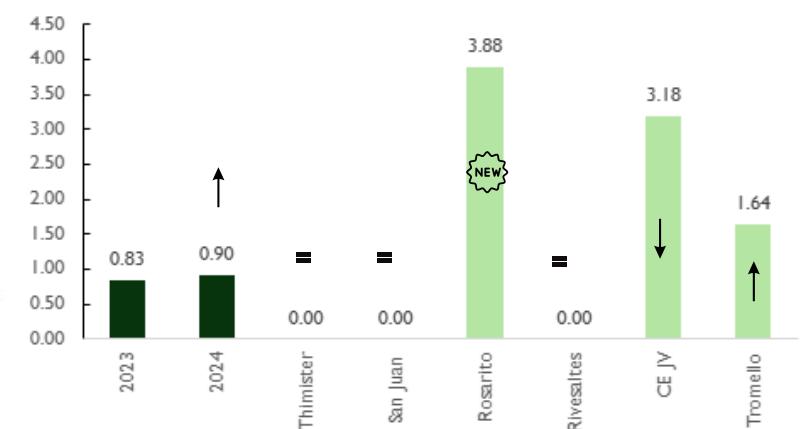
Scope 2 Indirect GHG Emissions = 3 276 mT CO₂



Scope 1 GHG impact (gram CO₂/closure)



Scope 2 GHG impact (gram CO₂/closure)



Recycling our Waste



Our goal is to reduce our net waste by 8% YOY Our goal is to have 90+% of our production & office scraps offered to recyclers

Kg net waste per 100k closures sold

The net waste per 100,000 closures sold slightly decreased from 4.00 kg in 2023 to 3.6 kg in 2024, continuing the positive trend observed since 2022 (5.9 kg).

This achievement reflects ongoing waste reduction efforts.

Site-specific performance varies: while San Juan reported the highest level of net waste (12.6 kg/100k closures), screwcaps production sites like CE JV and Tromello achieved a very low rate of 0.6 and 1.7 kg/100k closures respectively.

Hazardous Waste

In 2024, we recorded a notable increase in hazardous waste, rising from 49.4 metric tons in 2023 to 87.4 metric tons. This rise is primarily attributed to the inclusion of our Pozzolo site in this year's reporting scope. Pozzolo is home to Vinventions Printing, where we carry out the printing of aluminum sheets that serve as raw material for our Vintop screwcaps. This activity, while essential to our production chain, involves processes that generate hazardous waste, now more accurately accounted for in our environmental data.

We recognize the importance of minimizing our impact and are actively working to reduce hazardous waste and explore recycling and recovery options. Across all sites, we continue to invest in cleaner processes, staff training, and waste management partnerships to further improve our environmental footprint and move toward more circular production practices.

Production scraps offered for recycling

In 2024, we maintained a 95% recycling rate for our production scraps, matching our 2023 result and up from 92% in 2022.

This strong performance is driven by the high recyclability of both Nomacorc synthetic and Vintop screwcap materials, which are in demand by recyclers. We continue to prioritize the reuse of SÜBR scraps to further reduce net waste.

Several sites showed outstanding results:

- CE JV reached 100%,
- Tromello achieved 99%,
- Rivesaltes followed closely with 97%.

However, opportunities for improvement remain, particularly at San Juan (84%) and Pozzolo (83%).

Despite this overall positive outcome, we observed a significant increase in hazardous waste, rising from 49.4 metric tons in 2023 to 87.4 tons in 2024, largely due to the integration of Pozzolo in the 2024 report.



Low water consumption



Our goal is to be best-in-class in the industry in water consumption per closure

Water Consumption per Closure

In 2024, we continued to optimize our water management practices, resulting in a further decrease in water use.

Water consumption per closure dropped to 0.8 ml, down from 1.2 ml in 2023 and 1.9 ml in 2022, representing a 58% reduction over two years.

Several production sites have achieved remarkable results:

- Thimister now operates with just 0.1 ml/closure,
- Rivesaltes reduced its usage to 0.3 ml/closure,
- CE JV and Tromello reported zero water consumption per closure, as water is used only for sanitary purposes.

However, San Juan (6.3 ml/closure) and Rosarito (7.6 ml/closure) remain the most water-intensive sites. In San Juan's case, the absence of a functional municipal sewage system results in all water used being counted as fully consumed.

Despite these challenges, our production remains highly water-efficient, requiring minimal water inputs. On a per-million-closures basis, we continue to rank best-in-class within the industry.

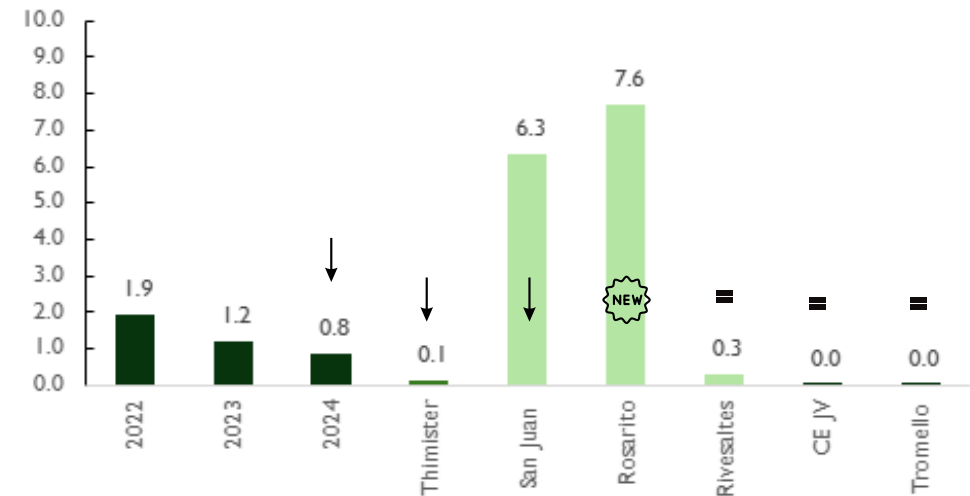
Net Water Loss and Reclamation

Our water sustainability efforts go beyond reduction, we focus on reusing water wherever possible. In 2024, nearly 80% of our total water intake was reclaimed and reused within our production processes.

Sites such as Thimister, Rivesaltes, CE JV, and Tromello lead the way with 96–99% reclamation rates, demonstrating strong performance in circular water management.

That said, we continue to face challenges at sites like San Juan and Rosarito, where water losses occur due to municipal wastewater and irrigation systems, respectively.

Water consumption per closure (ml/closure)



Renew/circularize & recycle



Our goal is 70+% of our closures sales made with renewable/recycled materials

Renewable & Circular Closures

We continue to make strong progress toward our sustainability goals by increasing the share of closures made with renewable or recycled raw materials. In 2024, 74% of all closures sold contained renewable or recycled content ; up from 73% in 2023 and 68% in 2022.

This progress is largely driven by our Nomacorc Green and SÜBR lines (made from renewable raw materials) and Nomacorc Blue (made using recycled materials).

Thanks to an update in our reporting, screwcaps are now recognized as being made with Post-Industrial Recycled (PIR) materials, and have therefore been included in our circular materials reporting retroactively for consistency in comparison. This change helped us shift our target from "50+% of innerseal sales made with renewable/recycled materials" to a more ambitious and inclusive goal: "70+% of total closures sold".

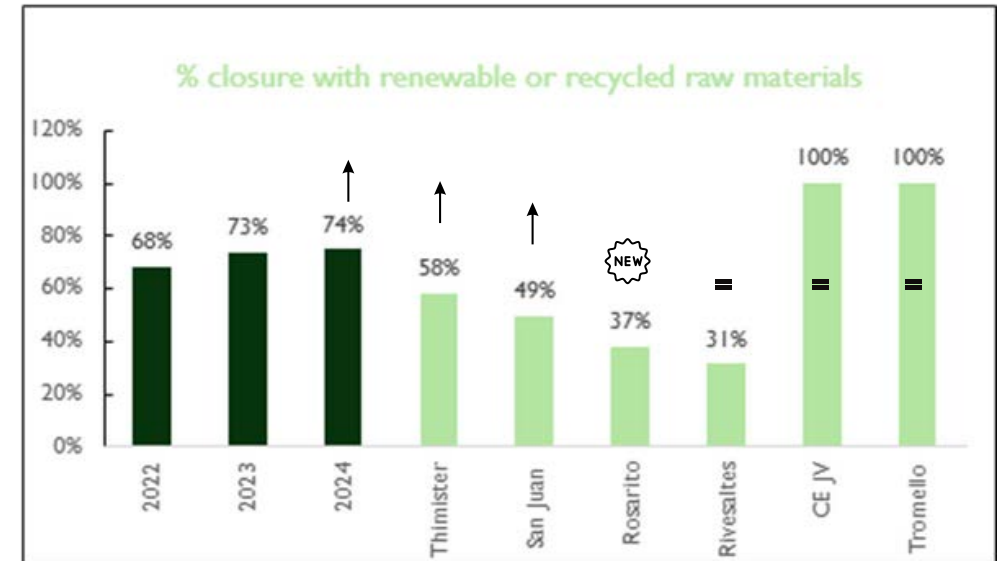
Despite this success, some production sites such as Thimister (58%), San Juan (49%), and Rivesaltes (31%) reported lower rates due to a mix of factors – including customer preference for cost savings in an inflationary context and limited availability of recycled materials.

Raw Material Composition of Closures

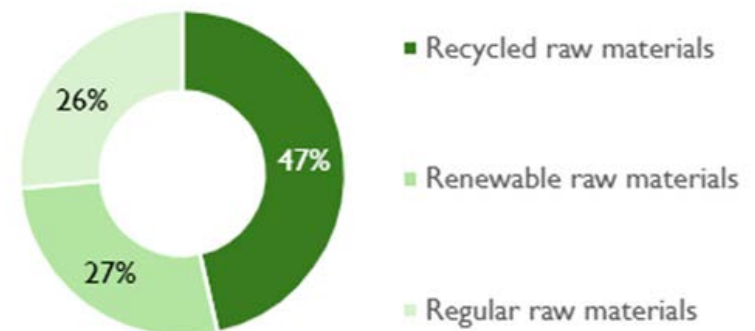
In 2024, 47% of closures were made from recycled raw materials, while 27% came from renewable raw materials, and 26% from regular (non-renewable, non-recycled) sources.

This composition reflects a balanced and growing commitment to circularity and renewability, while also acknowledging the constraints in global availability of sustainable raw materials.

As customer demand evolves and sourcing options improve, we aim to further reduce our reliance on virgin materials, prioritizing closed-loop solutions and resilient supply chains to support our transition toward a circular economy.



Closure raw material basis



Breaking the 100-Ton Barrier: A Milestone in Post-Consumer Closures Recycling



Our goal is to have in 2025, 110 tons of collected and sorted post-consumer closures offered to recyclers

Post-consumer wine closures recycling

2024 marks a major milestone in our journey toward circularity: for the first time, Vinventions collected and offered more than 100 metric tons of post-consumer wine closures for recycling.

With 105.3 metric tons processed, this is not only a record for our organization but it's a powerful testament to our long-term commitment to responsible end-of-life product management.

This achievement represents an 18% increase compared to 2023 and a 25% growth since 2020. It reflects the strength of our dedicated collection programs and the support of engaged partners, customers, and consumers across the wine industry.

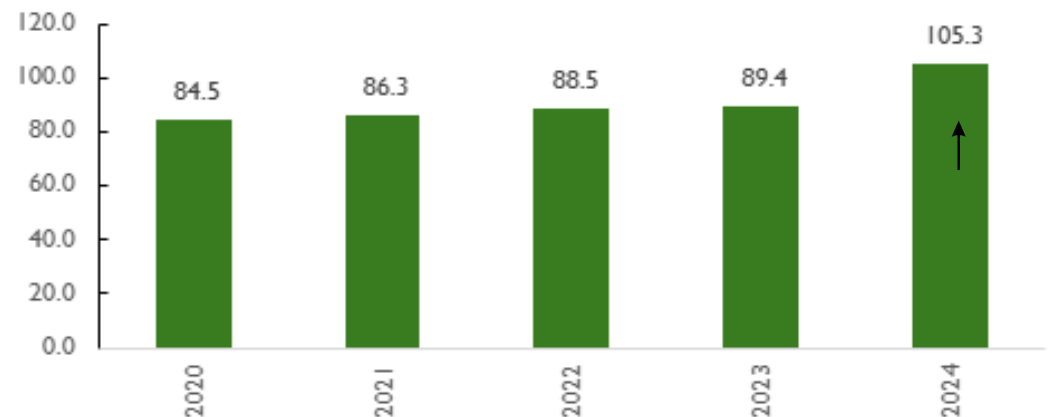
By continuing to scale our take-back programs and fostering collaboration across our network, we are reinforcing our role in building a more circular economy, one closure at a time. This breakthrough year motivates us to push even further in the coming years, expanding both the volume collected and the impact generated.



Caroline Thomas
Marketing Manager

We work hand in hand with associations such as France Cancer, as well as with our clients who collect used closures in wine cellars, partner restaurants, and directly from their own customers. Thanks to their commitment and the strength of our regional network, we were able to collect over 100 tons of post-consumer closures for the first time in 2024. This incredible achievement would not have been possible without the dedication of all our partners. Thank you for helping us turn waste into purpose.

PCR* corks offered to recyclers (metric tons)



*PCR closures = Post-Consumer Recycled closures

Giving Closures a Second Life: Over 100 Tons Collected for a Circular and Social Impact

Promoting Sustainability and Supporting Cancer Research through Closure Recycling

For over a decade, Vinventions has been actively building its own closure collection, sorting, and recycling programs across key markets, establishing what is now known as our Private Collection of post-consumer wine closures. In 2024, this long-standing initiative achieved a major milestone: over 100 metric tons of closures were collected across all channels.

At the heart of this program is our collaboration with charitable associations, both local and national, who collect used closures. Vinventions then repurchases these materials to financially support their projects, ranging from cancer research to initiatives for people with disabilities. In 2024 alone, we proudly collected 105,3 tons through this Private Collection network.

Our ongoing partnership with Vignerons Engagés, a French winegrowers association, has further strengthened this program by equipping all its members with dedicated closure collectors, encouraging widespread participation in sustainable practices across the wine industry.

But we didn't stop there. To give these collected closures a meaningful second life, we partnered with Retorno, a Belgian company specializing in recycling innovation, to create Vinny: a stylish wine bucket made entirely from post-consumer closures. Retorno led the full transformation process, from the development of the raw material to the final product design and manufacturing. The Vinny wine bucket perfectly embodies our ambition to combine environmental responsibility with product innovation. It showcases how post-consumer waste can be transformed into functional, beautiful items.

Looking ahead, we aim to expand this collection program and further scale our impact, supporting both the planet and the people who benefit from these initiatives.



105,3 tons

of closures have been collected in 2024 in France



29 328 €

have been offered to charities.



Together for Impact: Our Private Collection Network

Témoignages de France Cancer et Nicolas à recevoir



Agir Cancer Gironde

The association Agir Cancer Gironde, based in the southwest of France, is dedicated to collecting and recycling used or expired closures to help fund cancer research. In this context, we have been partners with Vinventions for over fifteen years. This collaboration, marked by trust and simplicity, has enabled us to contribute to the company's overall performance with 24 tons recycled in 2024.

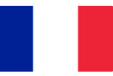
This recycling effort and the revenue it generated, along with that from other types of closures, allowed us to donate €40,000 to cancer research at the Bergonié Institute in Bordeaux.

I would like to express my heartfelt gratitude to Vinventions for its commitment to social and environmental responsibility, and for its continued loyalty to the cause we stand for.

Bernard WALLET
President of Agir Cancer Gironde



TUTIAC: From Vision to Action — A Pioneer of Sustainable Wine Innovation



In 2024, Vinventions is proud to shine a spotlight on TUTIAC, one of our most inspiring partners in the journey toward sustainable winemaking. As the “Cave Coopérative de l’Année” (Wine Cooperative of the Year) awarded by La Revue du Vin de France, TUTIAC is not only a leader in production but also a true pioneer in innovation and environmental responsibility.

Rooted in a shared philosophy of progress, action, and impact, our collaboration with TUTIAC perfectly embodies the power of transforming ideas into tangible results. Their “HELP PROTECT THE OCEAN” initiative, launched in partnership with Vinventions, equips their 100% eco-designed cuvées with NOMACORC Ocean closures: the world’s first wine closure made from recycled Ocean Bound Plastic.

This partnership reflects more than just technical alignment, it demonstrates a deep connection in values. Both teams share a sensitivity to sustainability-driven marketing, a belief in purposeful innovation, and a strong desire to engage consumers with meaning. Every bottle sold contributes to removing 8 grams of plastic waste from coastal environments, amplifying environmental action with every purchase.

TUTIAC’s eco-designed wines go further than just the closure. The cuvées are packaged with lightweight bottles, labels printed on French recycled paper, capsules made from sugarcane, and compostable transport cartons.

This initiative is also the fruit of a strong relationship built over time. Damien Malejacq, Marketing Director at TUTIAC and member of our Tomorrow Wine jury, plays a key role in guiding and championing projects with real impact.

“We don’t just want to talk about sustainability, we want to act. Partnering with Vinventions allowed us to turn a powerful idea into a real-world project that makes sense for the environment, for our winegrowers, and for our consumers. The success of this initiative shows that innovation and responsibility can go hand in hand.”

– Damien Malejacq, Marketing Director at TUTIAC

The RVF award and the positive market response to the “HELP PROTECT THE OCEAN” range demonstrate that today’s consumers are ready to support bold, sustainable innovation when it’s built on authenticity and purpose.

At Vinventions, we are proud to support TUTIAC in bringing these ambitions to life, and we look forward to growing this impact together.

To learn more: www.help-protect-the-ocean.com



Initiatives



Wallonia Spring Clean-Up 2024: Team Vino in Action for a Greener Tomorrow

In 2024, our Belgian team once again rolled up their sleeves for the annual Wallonia Spring Clean-Up, proudly driven by our Green Team, Vino. This inspiring regional initiative unites thousands of citizens, schools, sports clubs, youth groups, companies, and associations around a common goal: clearing litter from streets, countryside, rivers, and public spaces to improve the quality of life across Wallonia. Held over a long weekend, the 2024 edition saw strong participation from our team, who enthusiastically joined the movement to care for our local environment. In 2024, the initiative brought together 103,413 participants across Wallonia, who covered 11,724 kilometers and collected an impressive 354 tonnes of waste!

Together, we continue to show that small local actions can lead to meaningful change. Bravo to all who took part, we're already looking forward to 2025!

One Person's Unwanted, Another's Treasure: The Giveaway Cabinet Initiative



At Vinventions Belgium, sustainability is a shared responsibility and a creative one too. A few years ago, our local Green Team "Vino" launched a project that perfectly embodies the values of circularity, community, and conscious consumption: the Giveaway Cabinet.

This special cabinet, handcrafted from reclaimed wooden pallets sourced from local companies, was designed by H Design 60, a young designer based in Liège. But it's more than just a nice piece of furniture, it's a symbol of collective eco-action.

The principle is simple: take without giving, give without taking. It's not about trading items, but about giving a second life to the things we no longer need, and letting someone else enjoy them. Books, home decor, kitchenware, toys... all find a new home instead of ending up in the trash.

This initiative has a positive impact on the planet, as it reduces waste and extends product lifespans. But it also encourages companies to embrace an eco-transition mindset, where sustainability becomes a natural part of daily work life.

Thanks to the Vino Green Team, this small wooden cabinet continues to create big ripples of change – one object, one gesture, one colleague at a time.



Initiatives

Vinventions Supports the Vignerons Engagés' Summer Campaign for Cancer Research



In summer 2024, Vinventions proudly partnered with the Vignerons Engagés collective to support their nationwide initiative combining environmental awareness and social impact. From July 1st to August 30th, the campaign featured educational activities and a large-scale closure collection effort to raise funds for cancer research, in collaboration with the France Cancer association.

Thanks to strong mobilisation across the wine sector, thousands of closures were collected, destined to be recycled into items like champagne buckets. For every kilogram of closures returned, a bottle of wine was gifted, encouraging consumer participation. The gift bottle was selected by participating members of the collective, and in most cases, it came from their own wine estates – making the reward both meaningful and locally rooted.

This initiative not only supported a noble cause but also helped push the total amount of Vinventions closures collected in 2024 beyond 105 metric tons. It perfectly reflects Vinventions' commitment to sustainability and solidarity, and we are proud to contribute to this collective action that makes a difference.



Capturing Biodiversity: A Creative Tribute to Nature



To mark International Biodiversity Day, the Vino Green Team in Belgium once again took part in the “Biodiversity in My Company” photo contest organized by the Union Wallonne des Entreprises.

Throughout July, several photo walks were organized around our Belgian site, inviting employees to explore the natural surroundings and capture the beauty of local flora and fauna. Despite some weather-related adjustments, the sessions were a great success, bringing together colleagues from different departments in a spirit of curiosity and creativity.

Following an internal vote, three photos were selected to represent Vinventions in the contest. Among the many beautiful entries, participants highlighted insects, wildflowers, and the vibrant ecosystems flourishing just steps from our workplace.

Last year, Jean-Claude Dechamps won recognition with his striking photo of lichen and this year's contributions were equally inspiring. Whether taken during a group walk or individually, each photo reflected a shared appreciation for the biodiversity that surrounds us daily, often unnoticed.

This initiative is not only a creative outlet but also a meaningful way to raise awareness about the role businesses can play in protecting biodiversity, starting with simply paying attention.



Initiatives

#FEDERFIN4FUTURE: Monthly Sustainability Tips to Boost Awareness and Action



As part of our ongoing commitment to sustainability, we launched a monthly communication campaign in December 2024. Each month, a short message is shared on our intranet and displayed on our internal dashboards, focusing on simple, practical actions that contribute to energy savings and sustainable practices. This initiative aims to raise awareness, engage employees, and promote more efficient behaviors within the company.

The newsletter is currently distributed to over 130 employees at our Tromello site, where it has been warmly received. Looking ahead, we plan to expand this project to other sites, reinforcing our global culture of sustainability across the entire organization.



Turning Cigarette Waste into Urban Furniture



For the past four years, Vinventions has partnered with Shime/Mé-Go to collect and recycle cigarette butts at our Thimister site.

In 2024 alone, over 50 kg of cigarette butts were collected, representing more than 205,000 individual butts. Once recycled, these are turned into durable urban furniture, such as benches and bins, used in public spaces. Why does it matter? Just one cigarette butt can pollute up to 500 liters of water. Thanks to our efforts, the equivalent of over 101,000,000 liters of water was kept clean. That's enough to fill 40 Olympic-sized swimming pools!

If we lined up the 205,000 cigarette butts end to end, they'd stretch over 7,17 kilometers – almost the same size as the Mount Everest.

This initiative is a strong example of how small, consistent actions can have a meaningful environmental impact. It reflects our broader commitment to sustainability and to protecting the ecosystems we all depend on.



Initiatives



Detecting the Invisible: How we tracked down air leaks at Tromello

At the Tromello site, compressed air accounts for a significant share of energy use: nearly 45% of total electricity consumption. In 2024, Giuseppe Cataneo (Technical Service Manager) led an ambitious project to identify and repair air leaks within the plant, directly improving the site's energy performance.

With the help of a specialist equipped with detection sensors, 147 leak points were identified, with around 100 already repaired. The remaining areas, which are more complex due to continuous production, will be addressed in later stages.

"We prioritized areas where we could intervene without disrupting production. Tracking air leaks might seem like a small detail, but it makes a big difference. By focusing on what's invisible, we've uncovered real opportunities to save energy and reduce our environmental impact. It's rewarding to see such concrete results," explains Giuseppe.

This meticulous work has already paid off: 11 tonnes of CO₂ emissions saved, equating to €20,000 in energy savings over one year.

The initiative is part of a broader effort to enhance energy efficiency at the site and paves the way for future projects, such as optimizing compressed air usage during machine downtime.



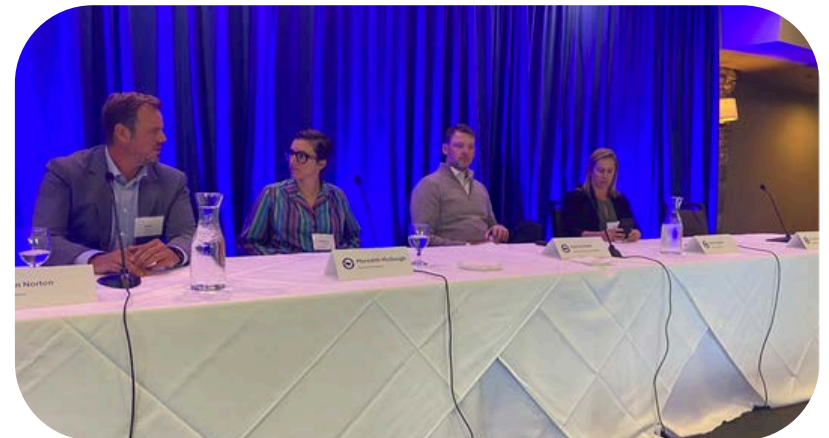
Vinventions Sponsors the 2024 US Sustainable Winegrowing Summit

This spring, Vinventions proudly sponsored the 2024 US Sustainable Winegrowing Summit, held in Lodi, California. The event gathered 250 participants – including vintners, trade professionals, media, and sustainability experts – for a collaborative exploration of the challenges and innovations shaping the future of sustainable wine production.

Organized by 9 leading US wine associations, the summit tackled vital topics such as climate adaptation in viticulture, eco-friendly packaging, responsible sales practices, and the importance of social responsibility across the value chain. As Dr. Steve Ostoja of the California Climate Hub highlighted, climate change is already altering production conditions, demanding swift adaptation and innovation from winegrowers.

One of the key takeaways was the growing importance of transparency and storytelling in sustainability. As consumer expectations rise, brands must do more than adopt eco-conscious practices, they must communicate them clearly and credibly.

By supporting this initiative, Vinventions reaffirms its commitment to empowering the wine industry's transition toward a more resilient and sustainable future. Together, we continue to advance our shared mission: preserving the integrity of wine and the planet, one bottle at a time.





VINVENTIONS

3. Our results: prosperity

Welcome to Rosarito: A New Chapter in Vinventions' Global Growth

Vinventions builds new screwcap production facility in Rosarito, Mexico to meet growing demand in North America

In 2023, Vinventions reached a major milestone in its global development with the creation of a state-of-the-art screwcap production facility in Rosarito, Mexico. Strategically located in Northern Baja, this new site strengthens our presence in North America and supports the growing demand for VINTOP screwcaps across the region.

Operational since early 2024, the Rosarito plant reflects Vinventions' commitment to innovation and customer service. Equipped with advanced production lines—including offset printing and hot foil technology—it enables custom designs, reduced lead times, and flexibility with competitive minimum order quantities.

Designed to handle a variety of closure types, from synthetic corks to screwcaps, the facility ensures high adaptability to meet diverse customer needs. The first aluminum screwcaps were successfully produced and delivered to DNA Vineyards, marking the beginning of a promising new chapter.

This launch also highlights the strength and dedication of our teams. From identifying the right location to setting up cutting-edge manufacturing capabilities, the Rosarito project was driven by cross-functional collaboration and expert execution.

Rosarito builds on Vinventions' long-standing manufacturing presence in North America, which began in 1999 with the production of Nomaticorc in Zebulon, North Carolina. Today, with operations across seven countries and four continents, this new facility marks another important step in expanding our global footprint.

As we continue to ramp up production in Rosarito, our goal is clear: to deliver even greater agility, innovation, and sustainability to our partners across the wine industry. We are proud to welcome the Rosarito team into the Vinventions family and look forward to many future milestones together.



A Sparkling Step Toward Ocean Protection

CANTINA PUIATTI alongside VINVENTIONS with NOMACORC Pops Ocean, the world's first sparkling wine with a closure that helps protect the oceans

On World Ocean Day 2024, Cantina Puiatti became the first winery in the world to seal a sparkling wine with NOMACORC Pops Ocean, a groundbreaking closure made from Ocean Bound Plastic (OBP) – plastic waste collected from coastal areas at high risk of entering the oceans.

This limited edition of their Ribolla Gialla Metodo Classico reflects a shared commitment to sustainability and innovation between Cantina Puiatti and Vinventions. The collaboration highlights how environmentally conscious choices, when combined with technical excellence, can deliver both quality and impact.

Pops Ocean offers the same performance and reliability as other closures in the Nomacorc range. The OBP used to make it is recycled through an advanced process that reduces plastic to its original monomer state, resulting in a material that matches virgin plastic in purity and functionality while drastically reducing environmental impact. It is fully suitable for food contact and preserves the delicate sensory profile of sparkling wines.

By choosing Pops Ocean, Cantina Puiatti is actively contributing to the protection of marine ecosystems while helping to create market value for recycled materials, encouraging their collection and reuse. This choice aligns with the long-standing environmental philosophy of Angelini Wines & Estates, the group to which the winery belongs.

At Vinventions, we are proud to support forward-thinking wineries like Cantina Puiatti that are turning sustainability into meaningful action.



SÜBR Closures: Sustainable Growth Through Micro-Natural Innovation

In 2024, Vinventions once again demonstrated its capacity to innovate and support the wine industry with reliable, high-performance, and sustainable closure solutions. Among the standout performers this year was SÜBR, our range of micro-natural closures.

SÜBR is a unique micro-natural closure for premium wines, combining the best of nature with cutting edge technology, offering unmatched aesthetics, consistent and low permeability, absence of cork taint, and sustainable commitments. Designed for wines that require both quality and shelf-life performance, SÜBR also supports wineries in communicating their environmental commitments.

In 2024, SÜBR closures saw impressive growth, with global sales volumes increasing by 50% for the second consecutive year. In France alone, volumes rose by 62%, and the product attracted 45% more new customers – a clear sign of the market's confidence in this innovative and responsible closure solution. As winemakers increasingly seek solutions that align with their environmental values without compromising performance, SÜBR continues to set the standard for micro-natural, sustainable closure technology.

Laurent Rousseau, Vignobles Rousseau

"For five generations, our family has cultivated a deep connection to Bordeaux's Right Bank terroirs, always striving for quality, balance, and respect for nature.

Choosing SÜBR to seal our Château Laborderie Mondésir was a natural step in our sustainability journey.

This micro-natural closure reflects the precision and finesse we seek in our wines – high performance, no compromise, and a design that aligns with our values."



VINTOP Infinite: Raising the Bar in Sustainable Packaging Innovation

In 2024, Vinventions continued to expand the boundaries of innovation in wine packaging with the launch of VINTOP Infinite: a new generation of premium screwcaps that combines exclusive digital printing technology with unmatched service flexibility.

Developed in line with our commitment to both sustainability and customer-centric innovation, VINTOP Infinite offers endless design possibilities and sets a new standard in personalized packaging. With up to 2,000 color options, fully customizable top and side printing, and the ability to run short, targeted marketing campaigns, this solution helps wine brands stand out in a competitive market while staying agile and efficient in production.

More than just a visual innovation, VINTOP Infinite also delivers real operational benefits: fast sampling, short lead times, and flexible order sizes help customers better manage procurement, reduce waste, and streamline supply chains.

As the #3 screwcap producer worldwide, Vinventions reaffirms its leadership by offering not only high-performance closures, but also high-impact branding tools. With VINTOP Infinite, we're bringing sustainable design, technological excellence, and customer engagement together – helping wine producers turn every closure into a powerful brand asset.



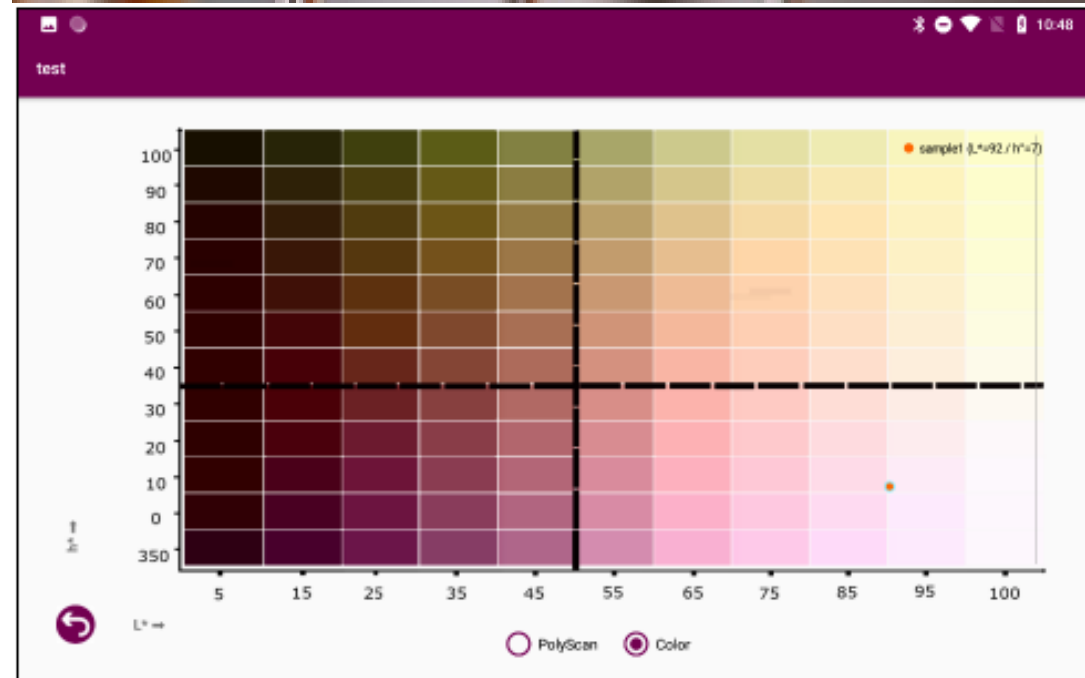
NomaSense Color: precision and connectivity for must and wine color management

In 2024, Vinventions further expanded its Wine Quality Solutions (WQS) offering with the launch of the WQS Color, a new connected colorimeter developed specifically to support cellar operations and optimize color management, particularly for rosé wines.

This portable, connected tool allows winemakers to precisely monitor and manage the color of musts and wines throughout the vinification process. With real-time display on a visual color chart, the WQS Color simplifies decision-making and helps ensure color consistency across blends and vintages.

As the third connected instrument in the WQS portfolio, the NomaSense Color contributes to building a robust, shareable database. Its connectivity enables winemakers to store, compare, and interpret color data, leveraging reference benchmarks and the expertise developed by Vinventions through thousands of analyses.

Designed for flexibility, the WQS Color is fully compatible with the Polyscan – Vinventions' flagship polyphenol monitoring tool. Together, they create a powerful diagnostic platform that offers combined insight into polyphenol levels and color dynamics, providing a more holistic approach to rosé must management. This innovation not only supports better wine quality, but also promotes efficiency and precision, helping winemakers make informed, data-driven decisions. By digitizing cellar processes, the WQS Color contributes to a smarter way of producing wine.



Reimagining wine bottles : Packamama and Vinventions lead the way in sustainable packaging

As the wine industry grapples with the climate crisis, supply chain pressures, and changing consumer habits, innovation is no longer optional, it's essential. Packamama, the inventor of the flat wine bottle made from 100% recycled PET (rPET), is stepping up with a game-changing solution. Now available in France through an exclusive commercial partnership with Vinventions, these eco-designed bottles are poised to transform the way wine is packaged, shipped, and enjoyed.

Unlike traditional glass bottles, Packamama's lightweight, flat bottles slash CO₂ emissions by reducing transport weight and optimizing space in delivery trucks and warehouses. Each bottle weighs just 63g and is made from pre-existing PET, meaning no new plastic is created. Certified food-grade in both the USA and EU, the rPET used is safe, inert, and has no impact on wine quality or taste.

The environmental impact of glass bottles is significant. According to internal impact studies, switching to Packamama bottles leads to substantial reductions in greenhouse gas emissions and logistical costs, offering wineries a concrete path to improving their carbon footprint without compromising the consumer experience. With a shelf life of over 18 months and a sleek, glass-like appearance, they meet the aesthetic and functional needs of modern wine lovers.

In a world facing complex environmental and economic challenges, Packamama's three pillars – Shape Innovation, Best-in-Class Material, and Recyclable by Design – embody a vision for the future.



NOMACORC Blue Line: 3 Years of "Net Zero Plastic to Nature" Certification



In 2024, Vinventions proudly renewed its Net Zero Plastic to Nature certification for the NOMACORC Blue Line, awarded by South Pole, a leading sustainability consultancy. This recognition underscores our ongoing commitment to responsible plastic management and our active role in advancing the circular economy.

This certification guarantees that the plastic footprint generated by the NOMACORC Blue Line is effectively compensated: the equivalent amount of plastic waste is collected and responsibly processed, preventing it from polluting the environment.

Our approach is built on three key pillars:

- Measuring our footprint: In 2024, our total plastic use (closures and packaging) was 379 tonnes, of which 317 tonnes (83.7%) were properly managed.
- Reducing and reusing: Through our Private Collection Program, we gathered over 100 tonnes of post-consumer closures, up from 80 tonnes in 2023. This directly offset 8 tonnes of plastic waste.
- Compensating beyond our value chain: In partnership with Second Life, we financed the collection of 54 tonnes of marine plastic waste in Thailand. This initiative not only reduces pollution, but also supports income opportunities for coastal communities.

By combining in-house collection efforts with impactful external collaborations, Vinventions successfully offset the 62 tonnes of plastic considered to be poorly managed in 2024.

Our partnership with Second Life, launched in 2023, continues to generate both environmental and social value, reinforcing our mission to support sustainable innovation and inclusive growth.

Since 2022, the NOMACORC Blue Line has set a new standard for transparency and environmental accountability in closure solutions. This certification is more than a label, it is a proof of action, rooted in measurable impact and long-term commitment.



NOMACORC Blue Line: 3 Years of "Net Zero Plastic to Nature" Certification

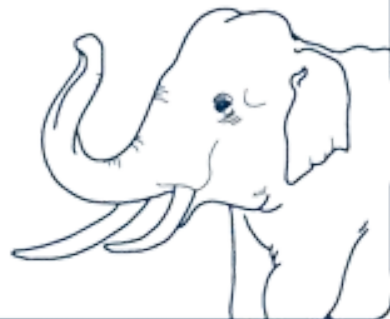
Vinventions engagement



106
metric tons

collected and processed/recycled.

Equivalent to
+7M
water bottles
or the weight of
~26
Asian elephants



*Part of the Second
Life Project with*

*1212 collectors including 64%
women, more than 1100 people
trained to waste segregation and
plastic pollution.*

+7,000
local people

*positively impacted by the
project, 1st Verra Certified
plastic collection and recycling
project and 5413 tons collected
in total since the beginning
of the project.*



+21,000
USD

*incentivized to local collectors
and recyclers.*



VINVENTIONS

**Joined the Second
Life project in 2023.**

©SECOND LIFE

Environmental Transparency: Study by M. & Mme Recyclage on Environmental Claims in the Wine Closure Industry

Key findings of the study

Environmental performance claims about wine closures have become increasingly common across the wine industry. However, there is a noticeable disparity in the environmental assertions made by different closure manufacturers.

Back in 2013, Vinventions launched the first range of wine closures on the market to offer a certified carbon neutral footprint: the NOMACORC Green Line.

In 2023, Vinventions updated its carbon footprint analysis of the NOMACORC Green Line, following the ISO 14067 standard. The study confirmed a net zero carbon footprint for all closures in the range.

Meanwhile, some manufacturers have begun promoting strongly negative carbon footprints for their closures, using diverse and sometimes unclear calculation methods, contributing to confusion among wine industry professionals.

To promote full transparency and help the industry distinguish between verified data and misleading claims, Vinventions commissioned an independent third party (M. & Mme Recyclage) to conduct an objective review of environmental claims within the wine closure sector.

Who are M. & Mme Recyclage?

M. & Mme Recyclage is an independent consultancy specializing in recycling, reuse, and packaging. Led by engineers Lise Nicolas and Enzo Muttini, the firm is known for its expertise and integrity in environmental assessment.

For this study, M. & Mme Recyclage applied a strict methodology based on a comparative analysis of public communications from various closure manufacturers. Each claim was assessed against applicable regulations and standards – particularly ISO 14067, which defines the carbon footprint of products, and ISO 14026, which governs public environmental communication.

The full report by M. & Mme Recyclage is available on their website.



Magali-Eve Koralewski
Product Marketing Manager

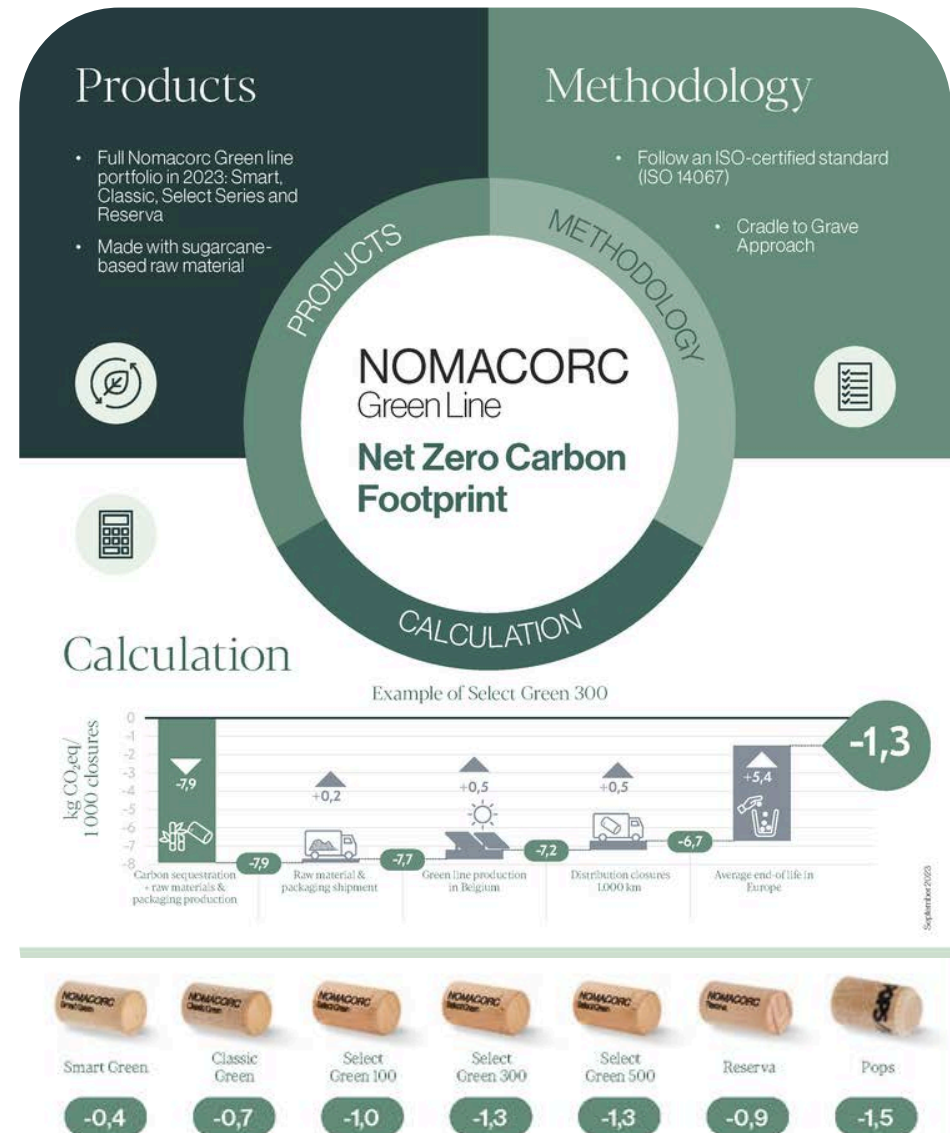
"In a context of increasing plastic bashing and misleading environmental claims, we felt it was essential to publicly restore scientific truth around the carbon footprint of wine closures. By commissioning an independent third-party analysis of the methodologies used across the sector, we reaffirmed our long-standing commitment to transparency, scientific rigor, and market education. This fact-based approach is deeply rooted in Vinventions' DNA and reflects our constant drive to empower the wine industry with comparable, verifiable, and science-backed data. It is our way of promoting fair competition, fostering informed decisions, and driving meaningful environmental progress."

Nomacorc Green Line confirms Net Zero Carbon Footprint

In September 2023, Vinventions commissioned a new carbon footprint study for their Nomacorc Green Line range of closures sold in Europe. This was done in accordance with the ISO standard 14067:2018 as requested by the most recent environmental legislation on anti-greenwashing behaviours. This analysis confirms that these closures remain the only Net Zero Carbon Footprint products in this market segment.

Sustainability is central to Vinventions' core beliefs and heavily influences its strategic decisions. Sustainable Development, which is based on verifiable facts, serves as a guiding principle within Vinventions, guaranteeing the group's environmental integrity and credibility in the wine closure market. Vinventions commissioned RDC Environment to conduct a comprehensive carbon footprint study of their Nomacorc Green Line product line and South Pole for the 3rd-party review & certification.

Every closure from the Nomacorc Green Line (Smart Green, Classic Green, Select Green, and Reserva) is produced from sustainable and renewable raw materials, derived from sugarcane. The product line, which was inspired by the company's strong desire for innovation, sustainability, and continuous improvement, offers major advances in terms of performance, aesthetics, and sustainability of wine closures. In 2023 alone, 350 tonnes of CO₂ were sequestered through the sales of Nomacorc Green Line in Europe, further reinforcing its positive environmental impact.



BRC AA+ Certifications: A Testament to Quality and Commitment

In 2024, Vinventions achieved a significant milestone by securing BRC AA+ certifications at its Thimister (Belgium) and Tromello (Italy) sites. These certifications reflect our unwavering commitment to the highest standards of product safety, quality, and operational excellence in the food and beverage packaging industry.

Why BRC Matters?

The BRC Global Standard for Packaging Materials is internationally recognized. It defines a robust framework for good manufacturing practices (GMPs) and hazard and risk management, ensuring that products are safe, legal, and of high quality. For our customers, the BRC label is more than a standard, it is a reassurance that our closures meet rigorous food safety expectations.

What Makes AA+ So Special?

The AA+ grade is awarded only to companies that successfully pass an unannounced audit with minimal or no non-conformities. These audits take place unexpectedly within a four-month window, testing our teams' ability to maintain high standards continuously. As Christophe Robert, Quality Director at Vinventions, explains:

“Unannounced audits raise the bar. They push our factories to be permanently audit-ready – not just tidy for inspection day, but consistently excellent.”

Behind the Certification: A Story of Dedication

At Thimister, success was the result of months of preparation led by our quality team. Checklists, training, and even mock audits where internal leaders role-played as auditors were implemented to ensure everyone was ready. The AA+ result reflects a deep integration of quality into our everyday culture.

At Tromello, the story is one of resilience and transformation, the team, under new leadership, launched a full turnaround. They addressed non-conformities identified in the previous audit, implemented action plans, and restructured internal quality procedures.

A Continuous Journey

These certifications demonstrate Vinventions' ongoing investment in product safety, employee training, and supplier accountability. Our quality culture is built on the belief that compliance should not be a one-time effort, but a daily mindset. With BRC AA+ as a compass, Vinventions continues to raise the bar for excellence in packaging solutions.



VOLTA: Shedding Light on the Ageing Potential of Burgundy White Wines

The longevity of Burgundy white wines is not only a hallmark of the region's identity, but also a critical issue for the future of the wine industry. Understanding the factors that influence the stability and quality of wines has become a key focus in Burgundy's oenological research.

In 2019, faced with accelerating climate change and shifting consumer expectations, the need to deepen our understanding of what builds the ageing potential of white wines became urgent. At what stage of the winemaking journey is longevity shaped? Which practices have the most impact? Can we identify early markers or molecular precursors of ageing? And how can these insights help assess a wine's long-term potential?

To tackle these questions, the BIVB (Bureau Interprofessionnel des Vins de Bourgogne) launched a comprehensive R&D initiative five years ago. The result: VOLTA, a collaborative network of 40 Burgundy wineries (domains, négociants, and cooperatives) supported by Vinventions.

Since its creation in 2020, the VOLTA network has been at the heart of a shared effort to collect field data, track winemaking practices, and analyze wine samples. Individual and collective work sessions have enabled knowledge-sharing and direct feedback from winemakers, reinforcing the program's practical value.

At the core of the project is PolyScan, our WQS tool for real-time polyphenols measurement in grape, must and wine, to rapidly analyze polyphenol levels. This innovative device became the foundation for data collection and insight generation.

In 2024, the project prioritized tracking wine development during maturation and ageing. Over the past three years, polyphenol levels were measured at key stages: pre-fermentation, post-alcoholic fermentation, and bottling. By linking these data to the specific technical routes taken in each winery, the research team has started to identify which winemaking decisions most significantly influence a wine's ability to age well.

One major finding: identifying practices that increase a wine's resistance or sensitivity to oxidation is crucial to predicting its ageing potential. With every new insight, VOLTA brings us closer to developing actionable tools that winemakers can use to preserve and enhance the heritage of Burgundy's great white wines.



Our Partners



Vignerons Engagés



Created in 2010, the Vignerons Engagés Association brings together winegrowers committed to a CSR approach from the vine to the glass. Its Sustainable Winegrowing approval is the first CSR and sustainability certification dedicated to the world of wine in France.

Vinventions has always placed sustainability at the center of its concerns: it is one of its guiding principles that impacts our key decisions as a company. CSR is part of our daily life and sustainability is at the heart of our values. Our commitments being close to those of the Vignerons Engagés, it was therefore very important for us to join the movement and be part of their Supplier Committee.



Plastiwin



PLASTIWIN is the Walloon business cluster for plastic. It is a sectorial network devoted to industrial players, focusing on the development of high added-value products and solutions, through the use of methodologies based on value chain collaboration, open innovation and networking.



The Aluminium Closure Group



The Aluminium Closures Group consists of the leading manufacturers of aluminium closures and their aluminium strips and sheets suppliers. They represent about 75% of the global aluminium closure production which is mainly used in the wine, spirits, water, as well as the oil and vinegar markets. The group's core tasks are market research, sustainability and recycling as well as promotion of aluminium closures



Vignovin



Vignovin is a French community of Partners at the service of Winegrowers. Vignovin.com is an internet portal that brings together more than 23 companies, including Verallia, Smurfit Kappa, Bucher Vaslin, DuPont, Autajon Etiquettes, Gai France, Pulsonic, Pépinières Mercier, Frayssinet, Lamouroux, Wieland, and Laboratoires Dujardin Salleron.

It unites partners with different yet complementary activities – viticulture, winemaking, packaging, marketing, and services – all of which dedicate a significant portion of their work to the viticulture and winemaking sector.

The approach of Vignovin.com is entirely new. For the first time, companies with complementary activities in the service of the viticulture and winemaking industry are directly collaborating on a single internet project.

Vinventions joined Vignovin in 2020.



FIVI



The Independent Winemaker cultivates their own vines, vinifies their own grapes, bottles their own wine, and personally oversees its sale, under their own responsibility, with their name and label. Committed daily to a process that follows the entire production chain, the Winemakers work constantly to preserve, protect, and promote their local territory. Vinventions has been a proud partner of this movement for many years, supporting these passionate professionals in their commitment to authenticity and sustainability.



La Wine Tech



La WineTech is the French ecosystem that connects, supports, and scales innovative startups shaping the future of wine. It fosters collaboration, promotes tech-driven solutions across the industry, and bridges the gap between winemakers and innovation. Vinventions has proudly joined this dynamic network as a partner since late 2024. Together, we aim to drive meaningful change in the wine sector.

2025 and Beyond: Strategic Priorities for a Sustainable Future

In a changing wine industry, where consumption is declining, Vinventions is strengthening its strategy to remain agile, innovative, and committed to people and the planet. Our 2025+ roadmap focuses on operational excellence, impactful innovation, social engagement, and expanding our sustainability scope globally.

Operational Excellence & Customer satisfaction



- Deploy World Closures Manufacturing (WCM) across all our sites to drive continuous improvement and eliminate waste
- Leverage our Thimister plant to showcase digital, agile, and sustainable production excellence through Factory of The Future
- “Measure Customer satisfaction through our Net Promoter Score initiative”

Innovation as a Growth Driver



We are investing in three innovation streams:

- Core wine segment: growth of SÜBR, VINTOP Infinite, and NOMACORC Ocean
- Emerging segments: development of POPS and launch of POPS Color for sparkling wines
- New industries: exploration of opportunities in spirits and beer industries

People First: Safety & Empowerment



- Continued investment in training, development, and well-being
- Process optimization to reduce workplace accidents
- Sustained support for solidarity initiatives such as cancer prevention and local community projects

Sustainability Leadership



- Launch of Scope 3 emissions mapping and reporting
- Alignment with the VSME standard to strengthen our non-financial reporting
- Expansion of sustainability reporting to new sites, including China and South Africa.

Our strategic priorities for 2025 are anchored in long-term value creation. We believe that innovation, responsibility, and people empowerment will drive a resilient and sustainable future for the wine industry and beyond.



See you in 2026 for a look back at our teams' achievements and the strides we've made in preserving wine, spirits, oil, and vinegar... one closure at a time.