



Sustainability Report

Mouterij Dingemans – 2024

📅 01/01/24 - 31/12/24 📍 Belgium

Annex: Complete list of VSME data points

OVERVIEW

Name	Mouterij Dingemans
Legal Form	Public Limited Company (PLC)
Address	Stabroek, België
FTE	38.2
Turnover	€ 53.73 M



Table of Content

03 Introduction

05 About Us

07 Sustainability

11 Climate Change

13 Climate Risks

15 Environment

16 Social

Introduction

At Mouterij Dingemans we produce high-quality specialty and base malts for breweries and distilleries using an energy-efficient, vertically integrated malting process. This VSME report provides a clear overview of our 2024 impacts and how sustainability guides our strategic and operational choices, summarising our environmental and social commitments, results, and future actions.

From the opening pages, you will (re)discover our mission—built on high-quality malt production—and the central role of sustainability in our decisions. The report outlines our certifications, involvement in regenerative and low-carbon agriculture, voluntary adherence to the Flemish Energy Policy Agreement, and governance structure that embeds sustainability across the organisation.

The environmental pillar presents indicators on energy use, renewable versus non-renewable sources, Scope 1 and 2 emissions, water withdrawal and discharge in a high-stress region, and our circular approach to valorising by-products and reducing packaging waste. These demonstrate both progress and areas for improvement.

On the social side, we describe our workforce composition, collective bargaining coverage, training efforts, health and safety practices, and long-standing family-business values. In governance, we detail sustainability responsibilities, the role of our board and management, and our engagement with local stakeholders.

Whether you are a brewery, a value-chain partner, a distributor, or part of the broader community, this report offers insight—through figures and evidence—into our impacts and the direction of our sustainability journey. We invite you to explore how Mouterij Dingemans turns ambition into progress as we strengthen resilience and support a more sustainable malt supply chain.

“In our 150th year, we unite Belgian malt tradition with certified quality and sustainable organic malts.”

Karl Dingemans,
CEO Mouterij Dingemans



Our Sustainability in Numbers

50% Less Water in New Malthouse

The new malting facility uses half the water of the older installation, improving efficiency in a high water-stress region.

750 Solar Panels Installed

On-site renewable generation supporting long-term decarbonisation efforts.

108.75 Training Hours

On average an employee got 108.75 training hours to support skill and training.

Biological Water Treatment On-Site

80-90% becomes groundwater after purification, remainder evaporates.

Family-Owned Since 1875

Long-term stewardship and continuity reflected in sustainable business decisions.

About Us

We produce high-quality malt for breweries in Belgium and around the world. As a family-owned company, we operate with a long-term view, combining technical expertise, responsible sourcing, and continuous improvement in energy and water performance. Our activities focus primarily on the B2B market, supplying both large industrial breweries and craft brewers, as well as wholesalers in international export markets.

We also support adjacent sectors such as flour milling and food manufacturing through the delivery of malt-based ingredients.

Our operations rely on strong relationships with barley growers, cooperatives, distributors, and food producers across multiple regions.

Products and services

- 01 Kilned Malts**
Base malts such as Pilsen MD, Pale Ale MD, Munich MD and others used for a broad range of beer styles.
- 02 Caramelised Malts**
Cara malts and Special B® MD providing colour, sweetness and aromatic depth.
- 03 Roasted Malts**
Roasted and dark malts including Biscuit® MD and Mroost varieties for richer flavours and dark beers.
- 04 Organic Malts (BIO)**
EU-certified organic malts including Organic Pilsen, Pale Ale, Munich and specialty organic products.
- 05 Specialty Malts**
A selection offering specific flavour and colour profiles such as Special B®, Toasted Rye and Wheat Malt.



About Us



Business relationships

B2B Customers

We primarily supply breweries of all sizes—large, regional, craft and microbreweries—in Belgium and abroad. These customers rely on our broad malt portfolio, consistent quality and technical reliability.

Markets

Belgian Market

We serve breweries across Belgium, as well as flour mills and food manufacturers using malt-based inputs for bakery and food applications.

B2B Focus

Our operations are fully business-to-business, supplying malt and malt-derived products to professional brewing, milling and food-production clients.

Suppliers

We maintain long-term relationships with grain cooperatives and barley producers, mainly in France ($\approx 90\%$) and England ($\approx 10\%$). We also collaborate with partners involved in low-carbon and regenerative agriculture.

International Market

A significant part of our production is exported through wholesalers and distributors to markets such as the United States, Brazil, Japan, Italy, France, Spain and others.

Sustainability

Sustainability Initiatives

Sustainability is at the core of our strategy. We reduce our impact through energy-efficiency investments, water-saving measures and responsible barley sourcing, including SAI-certified, organic, regenerative and low-carbon programmes. A dedicated sustainability coordinator drives our CO₂ mapping and supports customers, while the board and managing directors oversee ESG integration across operations. Together, these efforts guide our internal action plan on climate, biodiversity, circularity and workforce well-being.



Practices, policies, and future initiatives

- 01 Climate change**

We reduce Scope 1 emissions through CHP units (covering ~50–87% of electricity, with heat recovery), 750 solar panels (~3% of electricity), and multiple energy-saving measures. We are a voluntary member of the Belgian Energy Policy Agreement (EBO). Future options include heat pumps powered by green electricity, connection to an industrial heat network, and a wind turbine. We also invest in regenerative agriculture and low-carbon barley to lower upstream emission.
- 02 Pollution**

At Mouterij Dingemans, we have no material impact on air, soil, or water pollution. Air emissions are continuously monitored to stay within NO_x limits, and wastewater undergoes biological treatment before discharge.
- 03 Water and marine resources**

As malting is a water-intensive process, we continuously investigate water reduction possibilities. For example, in our new malting facility, the water consumption has been cut by 50% compared to the older facility.
- 04 Biodiversity and ecosystems**

Biodiversity is a material topic for us, especially from a value chain perspective. To reduce our impact, we purchase 80-90% SAI-certified barley and about 7% organic barley; and participates in programmes for regenerative and low-carbon barley farming.
- 05 Circular economy**

We limit process waste by valorising side streams—germs and sieved barley for animal feed, husks for biogas, and part of the sludge as a soil improver—and by minimising packaging through bulk sales and recyclable bags.
- 06 Workes in the value chain**

We take respect for human rights and good working conditions into account when selecting suppliers.
- 07 Business conduct**

At Mouterij Dingemans, there is a strong company culture with an open-door, family-business ethos. An emphasis on ethical business conduct and long-term supplier relationships positively affect business partners.

Sustainability Governance

ESG governance is anchored within the organisation. The board, led by Karl and Jan Dingemans, oversees sustainability compliance and strategic direction, while management integrates ESG into operational decisions on energy, sourcing and process improvements. A dedicated sustainability coordinator drives emission mapping and supports customers on environmental topics. Regular coordination between these roles ensures steady progress on ESG priorities.



Elements of ESG Strategy

- 01 GHG reduction**

We have been a signatory to the Flemish Energy Efficiency Agreement since 2006 despite being exempt from the legal obligation, demonstrating a strategic pledge to continual energy-efficiency improvement. Several investments have already been made, for example, a CHP plant supplies about 87 % of electricity and avoids roughly 750 t CO₂ each year.

Additional investments and partnerships are currently being assessed with the aim of further reducing scope 1 carbon emissions. An important driver of these investments are emission reduction targets set by large clients, making this a strategically important for Mouterij Dingemans.
- 02 Sustainable sourcing**

Our active aim is to reduce our impact on biodiversity and climate change through sustainable sourcing of resources (mainly barley). We already offer organic malt and 80-90% of our barley is currently SAI certified. Additionally, we participate in programmes on regenerative and low-carbon barley cultivation. This is of strategic importance to us at Mouterij Dingemans given the increasing demand of our clients for more sustainable malt.
- 03 Water stewardship**

Malting is a water-intensive process and we are located in Flanders which is an area with high water-stress. This makes sustainable water use a strategically important topic for us. Continuous efforts are therefore made to reduce water consumption. For example, in the new malting facility water consumption is reduced by 50% compared to the older facility.

Environment

Climate Change

We measure and manage our emissions and energy use. In 2024, our operations generated 8,185.08 tCO₂e in Scope 1 and 534.55 tCO₂e in Scope 2 (location-based), for a total of 8,719.63 tCO₂e. Our total energy consumption reached 47,144.85 MWh, largely driven by heat-intensive malting processes.

Mouterij Dingemans has already implemented major efficiency measures, including two CHP units covering up to 87% of electricity needs, 750 solar panels, and continuous process optimisation. We are assessing additional low-carbon options—such as heat pumps, industrial heat networks and potential wind power—as part of our future transition plan, foreseen for adoption in 2027.

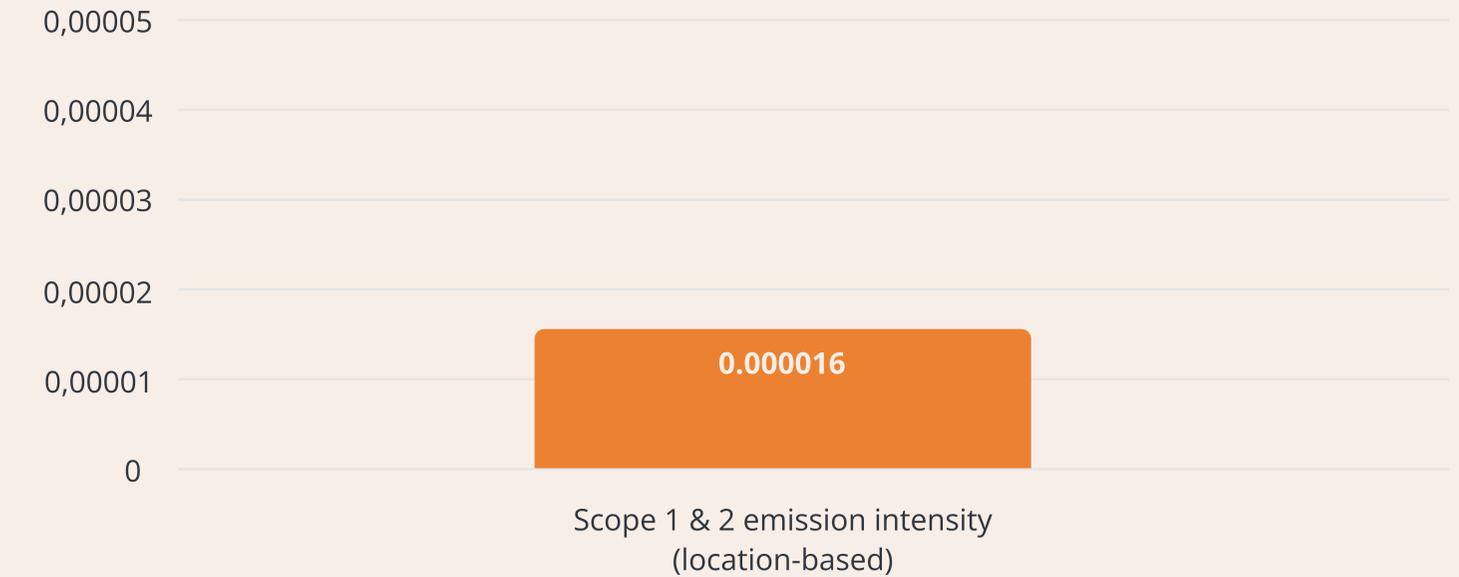
Breakdown of energy consumption

in MWh



Emission intensity

in tCO₂eq/€



Scope 1 & 2 emissions

in tCO₂eq



Climate Change Actions



Climate actions

01

Increase energy efficiency

- Optimising energy use through CHP units
- Process improvements and heat recovery
- Solar energy (750 panels) and optimisation of kiln and roasting activities

02

Reduce emissions in the value chain

- Participation in regenerative and low-carbon barley programmes
- More SAI certified and organic barley
- Supporting agricultural partners with alternatives to high-emission fertilisers

03

Explore low-carbon technologies

- Feasibility of heat pumps running on green electricity
- Evaluating connection to industrial heating networks
- Possible installation of a wind turbine

04

Strengthen awareness and governance

- Sharing CO₂ information through the sustainability coordinator
- Including sustainability criteria in investment and operational decisions
- Alignment between the board, management and ESG-responsible roles

05

Other actions

- Optimising water use, including approx. 50% reduction in the new malthouse
- Further improvement of biological water treatment and valorisation of residual streams

Climate Risks

We face physical climate risks such as droughts and heatwaves that may affect barley yields, grain quality, raw material stability and site resilience. We also face transition risks from rising energy and water costs, stricter regulation and growing demand for low carbon products, which may affect costs and competitiveness. These risks are addressed through sustainable sourcing, low carbon and regenerative barley programmes, energy efficiency measures, regulatory monitoring and close engagement with suppliers, customers and local stakeholders.

Risks

01 The increasing frequency and duration of drought periods reduce soil moisture and water availability, putting barley crops under pressure. Short term Chronic

Adaptation actions: Diversifying supplier regions and crop varieties, including alternative grains via the AlterBrew project, to maintain raw-material resilience under drier growing conditions.

02 More frequent and intense heatwaves threaten barley quality and disrupt production stability. Short term Chronic

Adaptation actions: Diversifying supplier regions and crop varieties, including alternative grains via the AlterBrew project, to maintain raw-material resilience under hotter growing conditions.

Transition effects

01 Several major customers have announced that suppliers must commit to a 30% CO₂ reduction by 2030 and full CO₂ neutrality by 2040/2050. Short term Policy & Legal

Adaptation actions: We have mapped our energy-saving options and shared CO₂-reduction steps to remain competitive and secure contracts.

02 Customers increasingly expect barley to be produced according to regenerative farming practices. Long term Policy & Legal

Adaptation actions: We are assessing how regenerative agriculture requirements will influence future grain-procurement strategies.



Climate Risks

Adverse effects

01 **Increase in operational costs** High
Rising energy prices due to changing energy markets and stricter climate-related energy regulations increase the costs of our energy-intensive malt production.

02 **Investments in capital** High
We are exploring different options to replace our current gas-fired installations with (lower-)carbon alternatives. This transition will require significant investment.

03 **Increase in operational costs** Medium
More frequent and severe drought reduces barley yield and quality, driving up raw-material prices and increasing malt production costs.

04 **Increase in operational costs** Medium
If groundwater extraction permits become more restrictive and we must switch to purchased mains water (PIDPA), water costs will rise significantly.

05 **Impact on revenue due to changing market dynamics** Low
Climate variability and crop diseases may lead to barley price volatility, putting supply security at risk. The location near the Port of Antwerp provides more flexibility for barley procurement.

Environment

Environmental topics such as energy, water and emissions are highly material to our operations. We apply responsible management practices across the site, including biological water treatment, valorisation of by-products for animal feed and biogas, and reduced water use in our newest malting facility. We also minimise packaging through bulk deliveries and recyclable big bags, and continuously improve energy performance through CHP units, solar panels and process optimisation.

Waste management initiatives

01

Eliminate waste and pollution through process improvements

We avoid waste generation by valorising the side streams. The two main side streams of Mouterij Dingemans are malt germs, sieved barley and husks. The malt germs and sieved barley go to animal feed production, and the husks are sent to biomass fermenters that produce biogas.

02

Eliminate waste and pollution through design considerations

We avoid unnecessary packaging by delivering most of our malt in bulk and by using recyclable (big) bags (made of polypropylene) for the remainder.

Total quantity of water abstracted from all sites

297,527 m3



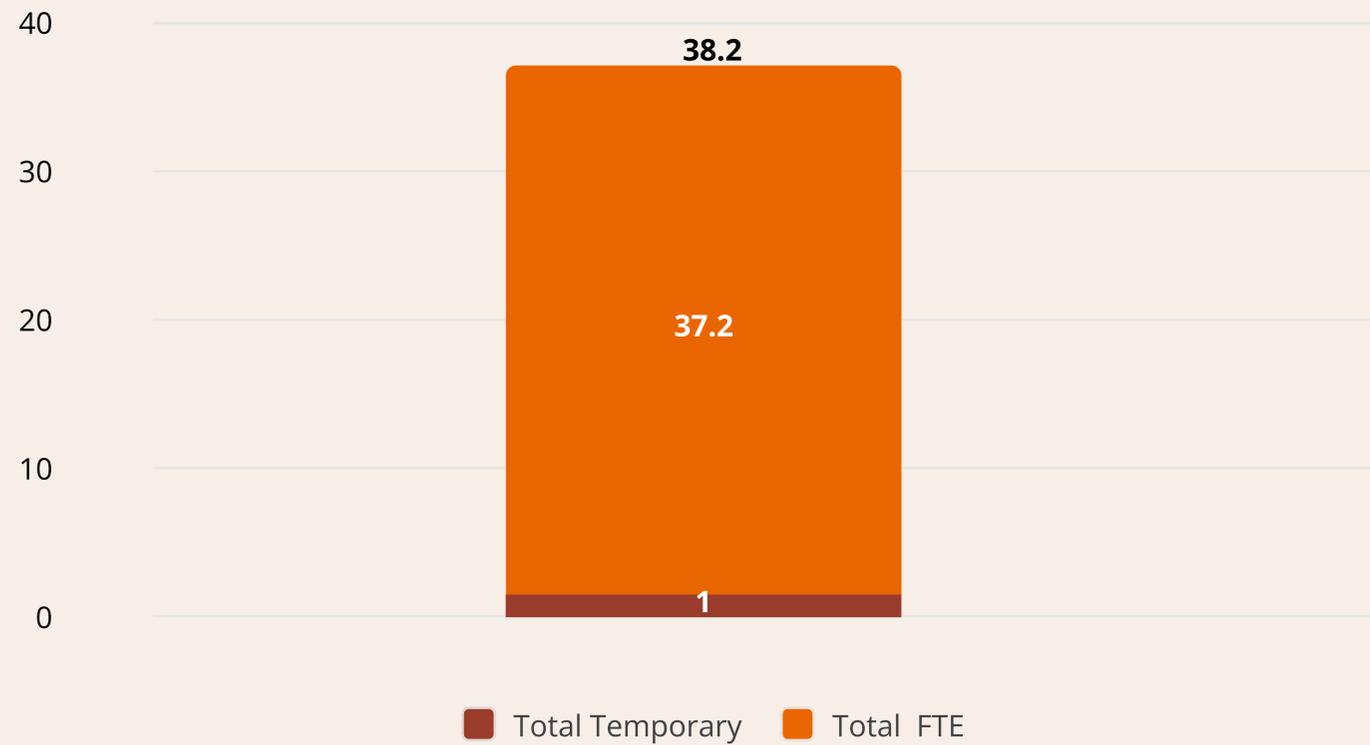
Social

Social

Our workforce totals 38.2 FTEs, including 30 FTE men and 8.2 FTE women, with 100% of employees covered by a collective bargaining agreement. In 2024, we recorded 3 work-related accidents (accident rate: 9.61) and 0 fatalities, and provided an average of 108.75 hours of training per person (not reported by gender). Our code of conduct covers key principles such as ethical behaviour, equal opportunities and accident prevention. Employee well-being is supported through stable employment, permanent contracts, health and safety measures and continuous skills development.

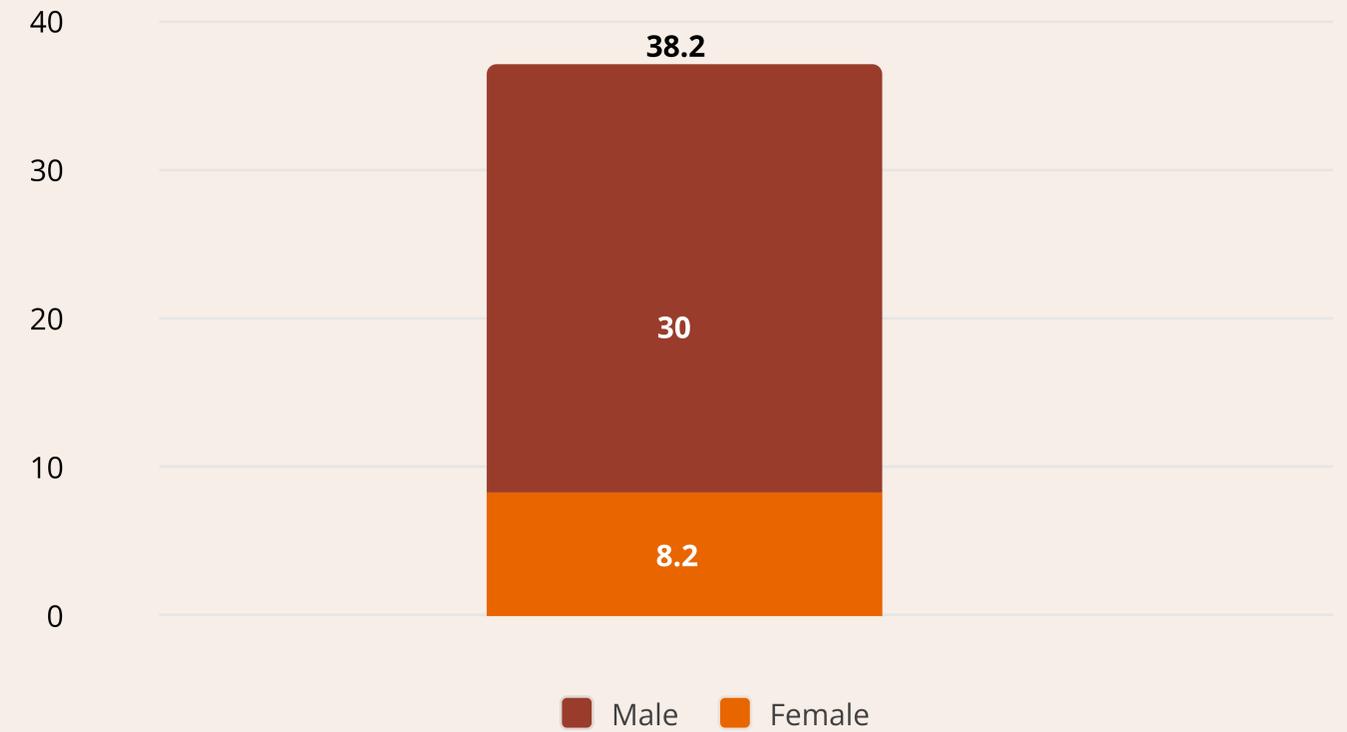
Per contract

in FTE



Distribution male/female

in FTE



Social

Statistics

100 %

Employees Covered by
Collective Bargaining Agreements

108.75

Average Training Hours per FTE



Code of Conduct

The code of conduct of Mouterij Dingemans covers several core ethical and behavioural expectations for our workforce. It includes principles related to ethical business conduct, respect for equal opportunities, and maintaining a safe working environment.

The code also supports responsible behaviour in day-to-day operations. Our employees are expected to follow internal procedures, contribute to a safe and respectful workplace, and uphold company values in interactions with colleagues, partners and customers.

Although the report does not list detailed thematic sections, the existence of a code of conduct underscores the importance of integrity, fair conduct, and long-term partnerships—reflecting our family-owned character of the company and the emphasis on trust-based relationships with suppliers and customers.

Employee well-being and safety are reinforced through ongoing initiatives such as training, use of protective equipment and permanent contracts that contribute to job security. These practices align with our broader commitment to responsible employment and sustaining a healthy working environment.

These measures show our commitment to maintaining high ethical standards and supporting a compliant, safe and inclusive workplace across all Mouterij Dingemans' operations.



Annex VSME 2024

Mouterij Dingemans

ESG report
VSME aligned

General

B1 Basis for preparation

Name of the reporting entity

Mouterij Dingemans

Identifier of the reporting entity (VAT number)

BE0458663114

Registered address

Laageind 43, 2940 Stabroek, Belgium

Basis for reporting (consolidated or individual basis)

Individual

Reporting entity legal form

Public limited liability undertaking

Size of balance sheet

15,630,071 EUR

Turnover for the 3 most recent years	
	Turnover [EUR]
Reporting year	53,732,180
Year before reporting year	56,914,021
Two years before reporting year	50,246,508

Turnover breakdown per NACE code	
NACE code	Turnover
NACE C - 11.06 Manufacture of malt	53,732,180
NACE G - 46.21 Wholesale of grain, unmanufactured tobacco, seeds and animal feeds	0

Number of employees
38.2 FTE

Employee counting methodology (At the end of reporting period or as an average during the reporting period)
At the end of the reporting period

Country of primary operations
Belgium

List of sites

Address	Coordinates (geolocation)	Cadastral Reference	Area	Asset Type
Laageind 43, 2940 Stabroek, Belgium	51.3275065, 4.359934099999999	11044C0066/00D002	4.82	Production Site

Have you obtained any sustainability-related certifications or labels for your organization?

Yes

Description of sustainability-related certification(s) or label(s), including, where relevant, the issuers of the certification or label, date and rating score

Certification	Certification Description	Certification Date	Rating score (if applicable)
Other	EU Organic (BIO) certificate (BE-BIO-02) issued by TÜV NORD INTEGRA, valid for organic production of a selected range of malts	2024-02-28	N/A
Other	ISO 22000:2018 (focus on expectations/wishes of clients, training for employees, food safety, climate change).	2024-06-14	N/A

C1 Strategy: Business Model and Sustainability – Related Initiatives

Description of significant groups of products and/or services offered

Product or Service	Description
Kilned Malts	Group of malt products marketed under the “Eestmouten” category, comprising variants such as Pilsen MD, Pilsen MD Belgium Origin, Maris Otter MD, Pale Ale 9 MD, Munich 15 MD, Amber – Aromatic® MD, Aroma 100 MD, Aroma 150 MD and Rye Malt MD.

Product or Service	Description
Caramelised Malts	Caramel-style malts grouped as "Karamelmouten", including Cara 20 MD, Cara 50 MD, Cara 120 MD, Cara 200 MD, Special B® MD and Karrewheat 77 MD.
Roasted Malts	Roasted malt offerings in the "Roostmouten" range, such as Biscuit® 50 MD, Coffee Mroost 450 MD, Mroost 900 MD, Mroost 1400 MD, Pealed Roasted Barley MD, Mroost Wheat Malt 30 MD, Toasted Rye 40 MD and Chocolate Rye 300 MD.
BIO Malts	Certified organic malt portfolio labelled "BIO Mouten", featuring Organic Pilsen MD, Organic Pilsen MD Belgium Origin, Organic Pale Ale MD, Organic Munich MD, Organic Biscuit® MD, Organic Cara MD, Organic Mroost 1400 MD and Organic Wheat Malt MD.
Specialty Malts	Specialty malts under the "Speciaal-mouten" category, including Special B® MD, Toasted Rye 40 MD, Wheat Malt MD, Chocolate Rye 300 MD and Rye Malt MD.

Description of significant market(s) you operate in (e.g. B2B, wholesale, retail, countries)	
Market	Description
Breweries (B2B, domestic and international)	Primary market supplying base and specialty malts to large, regional, craft and micro-breweries in Belgium and export destinations, generating the majority of revenue.
Brewing-ingredient wholesalers and distributors (Wholesale/B2B) – United States of America, Brazilia, Japan, Italy, France, Spain and other export destinations	Sale of bulk malt to specialised distributors of brewery raw materials that resell to local breweries; this channel underpins the company's global export reach.
Flour-milling and bakery industry (B2B) – Belgium and neighbouring markets	Supply of malt to flour mills for use as natural colour additives in bread and other baked goods.
Food and beverage manufacturing (B2B) – international exports	Provision of malt- and grain-based extracts to food producers for incorporation into diverse food products.

Description of main business relationships (e.g. key suppliers, customers distribution channels and consumers)

Business relationship	Description	Estimated number of entities	Sectors	Countries
Supplier	Mouterij Dingemans has long-term relationships with multiple grain cooperatives and producers of grain (mostly barley). Most of them are based in France (around 90%) and a smaller portion in England (around 10%). In case of poor harvest conditions Mouterij Dingemans occasionally purchases malt from outside the EU.	-	Agriculture (barley cultivation and trading)	France, United Kingdom of Great Britain and Northern Ireland
Customer (B2B)	Mouterij Dingemans supplies most of its malt to breweries.	-	Brewing	Belgium
Customer (B2B)	Mouterij Dingemans supplies a small part of its malt to flour mills which use malt as a natural colour additive in bread and bakery products. Food manufacturers also purchase malt- and grain-based extracts produced from malts for incorporation in diverse food items.	-	Food production / Milling & Baking	
Distribution channel (retailer, distributor, etc.)	Mouterij Dingemans also works with distributors that distribute the malt to local breweries.	-	Brewing raw-material distribution	

Does your strategy include key elements that address or influence sustainability issues?

Yes

What are the key elements of your strategy that relate to or affect sustainability issues?

Strategy Key Element	Description
GHG reduction	<p>Mouterij Dingemans has been a signatory to the Flemish Energy Efficiency Agreement since 2006 despite being exempt from the legal obligation, demonstrating a strategic pledge to continual energy-efficiency improvement. Several investments have already been made, for example, a CHP plant supplies about 87 % of electricity and avoids roughly 750 t CO₂ each year.</p> <p>Additional investments and partnerships are currently being assessed with the aim of further reducing scope 1 carbon emissions. An important driver of these investments are emission reduction targets set by large clients, making this a strategically important for Mouterij Dingemans.</p>
Sustainable sourcing	<p>Mouterij Dingemans actively aims to reduce its impact on biodiversity and climate change through sustainable sourcing of resources (mainly barley). Mouterij Dingemans already offers organic malt and 80-90% of its barley is currently SAI-certified. Additionally, Mouterij Dingemans participates in programmes on regenerative and low-carbon barley cultivation. This is of strategic importance to Mouterij Dingemans given the increasing demand of clients for more sustainable malt.</p>
Water stewardship	<p>Malting is a water-intensive process and Mouterij Dingemans is located in Flanders which is an area with high water-stress. This makes sustainable water use a strategically important topic for Mouterij Dingemans. Continuous efforts are therefore made to reduce water consumption. For example, in the new malting facility water consumption is reduced by 50% compared to the older facility.</p>

Description of governance and responsibilities in relation to sustainability matters

Mouterij Dingemans is a family-owned company led by the board under the chairmanship of Karl and Jan Dingemans. The board holds ultimate responsibility for compliance with all applicable laws and regulations, the preparation of the annual report, and the continuity assessment of the company. In this capacity, the board also oversees sustainability obligations when legally or contractually required.

The management integrates sustainability directly into business operations. Karl Dingemans, as managing director responsible for purchasing and sales, and Jan Dingemans, as technical director, jointly make decisions on strategic investments in energy efficiency and process innovation. Their leadership is evident in the voluntary accession to the Energy Policy Agreement (EBO); its implementation is annually verified by the VBBV verification bureau, ensuring external control and transparency around energy and climate policy.

Operationally, Ezra de Koning is appointed as quality and sustainability coordinator. She serves as the central point of contact for customers on topics such as CO₂ footprint, land use, and carbon storage, and leads the process to systematically map Scope 1, 2, and 3 emissions, including FLAG emissions.

The combined responsibility of the board for governance, strategic direction by the managing directors, and operational coordination by the sustainability coordinator ensures that sustainability is embedded in both decision-making at the highest level and in the daily business processes of Mouterij Dingemans.

B2 Practices, policies and future initiatives for transitioning towards a more sustainable economy

Have you implemented any specific practices, policies, or planned initiatives to support your transition toward a more sustainable economy?

Yes

Practices, policies and future initiatives (PPI) for transitioning towards a more sustainable economy

	Do you have existing sustainability PPI that address this issue?	Description	Targets	Most senior level accountable for implementing practices, policies and/or future initiatives (if any)
Climate change	Yes	<p>Mouterij Dingemans has taken several measures to reduce its scope 1 emissions: two combined heat and power (CHP) units currently supply about 50 %–87 % of its electricity and recover process heat; 750 solar panels were installed and generate c. 3 % of its electricity consumption; various energy-saving measures are in place. Moreover, Mouterij Dingemans has voluntarily joined the Belgian Energy Policy Agreement (EBO), demonstrating its strong commitment to energy efficiency.</p> <p>Towards the future Mouterij Dingemans is considering additional carbon-reducing measures such as the installation of heat pumps powered by green electricity, linking to an industrial heating network; and the installation of a wind turbine.</p> <p>Moreover, Mouterij Dingemans participates in regenerative agriculture and low-carbon barley programmes to cut upstream emissions.</p>	-	<p>Karl Dingemans, CEO</p> <p>Jan Dingemans, Technical manager</p>
Pollution	Yes		-	

	Do you have existing sustainability PPI that address this issue?	Description	Targets	Most senior level accountable for implementing practices, policies and/or future initiatives (if any)
		Mouterij Dingemans does not have a material impact on air, soil or water pollution. Nonetheless, several measures to avoid pollution are in place: continuous monitoring keeps air emissions within NOx standards; water is biologically treated before being discharged in the surface water.		Karl Dingemans, CEO Jan Dingemans, Technical manager
Water and marine resources	Yes	As malting is a water-intensive process, Mouterij Dingemans continuously investigates water reduction possibilities. For example, in its new malting facility, the water consumption has been cut by 50% compared to the older facility.	-	Karl Dingemans, CEO Jan Dingemans, Technical manager
Biodiversity and ecosystems	Yes	Biodiversity is a material topic for Mouterij Dingemans, especially from a value chain perspective. To reduce its impact, Mouterij Dingemans purchases 80-90% SAI-certified barley and about 7% organic barley; and participates in programmes for regenerative and low-carbon barley farming.	-	Karl Dingemans, CEO Jan Dingemans, Technical manager
Circular economy	Yes	Mouterij Dingemans reduces process waste by valorising side streams: malt germs and sieved barley are sold to animal-feed producers; husks are sent to biogas fermenters. Sludge from water treatment is thickened and partially reused as a soil improver. Mouterij Dingemans avoids	-	Karl Dingemans, CEO Jan Dingemans, Technical manager

	Do you have existing sustainability PPI that address this issue?	Description	Targets	Most senior level accountable for implementing practices, policies and/or future initiatives (if any)
		packaging waste by selling most of its malt in bulk, while using recyclable (big) bags for the remainder.		
Own workforce	Yes	Employee well-being is of high importance for Mouterij Dingemans and several practices are in place: attractive employment conditions positively affect well-being of employees and contribute to attracting/retaining the right people; by using permanent contracts and avoiding temporary staff, employees benefit from job security; the health and safety of employees is assured through several initiatives such as training, personal protective equipment, etc.; continuous skills development improves employability and career development and benefits both employees and the organization; promoting a diverse and inclusive workplace promotes equal opportunities and avoids discrimination.	-	Karl Dingemans, CEO
Workers in the value chain	Yes	Mouterij Dingemans takes respect for human rights and good working conditions into account when selecting suppliers.	-	Karl Dingemans, CEO
Affected communities	Yes	Mouterij Dingemans engages with the municipality and local residents on odour. This has resulted in odour treatment and the installation of a chimney to decrease odour emissions and nuisance.	-	Karl Dingemans, CEO
				Karl Dingemans, CEO

	Do you have existing sustainability PPI that address this issue?	Description	Targets	Most senior level accountable for implementing practices, policies and/or future initiatives (if any)
Consumers and end-users	Yes	Mouterij Dingemans ensures product quality through a comprehensive laboratory monitoring plan, auto-control system, and regular sampling. Product transparency is also ensured via detailed technical product fiches with allergen information etc.	-	
Business conduct	Yes	Mouterij Dingemans has a strong company culture with an open-door, family-business ethos. An emphasis on ethical business conduct and long-term supplier relationships positively affect business partners.	-	Karl Dingemans, CEO

Process to address human rights related complaints in place

No

General

B3 Energy and greenhouse gas emissions

Have you gathered the necessary information to report a breakdown of your energy consumption?

Yes

Breakdown of energy consumption

	Renewable [MWh]	Non-renewable [MWh]	Total [MWh]
Electricity	215.69	1,839.11	2,054.8
Fuels	0	45,090.05	45,090.05
Total	215.69	46,929.16	47,144.85

Do you calculate Scope 1 and 2 Greenhouse Gas Emissions?

Yes

Estimated Scope 1 and 2 Greenhouse Gas (GHG) Emissions

	GHG emissions [tCO2eq]
Gross scope 1 GHG emissions	8,185.08
Gross scope 2 location-based GHG emissions	534.55
Total scope 1 and 2 emissions	8,719.63

Are you disclosing information on your Scope 3 emissions?

No

Greenhouse Gas (GHG) emission intensity per turnover

	GHG emission intensity per turnover [tCO2eq/EUR]
Scope 1 and Scope 2 GHG Emissions intensity (location-based)	0.00016
Total Scope 1, Scope 2 and Scope 3 GHG Emissions intensity (location-based)	-

C3 GHG reduction targets and climate transition

Have you established targets for reducing your GHG emissions?

No

Are you operating in high impact sectors?

Yes

Status of implementation of a transition plan in relation to climate change mitigation

Adoption of a transition plan is planned in the future

When do you foresee to adopt your transition plan?

2027-12-27

B4 Pollution of air, water and soil

Are you already required by law or other national regulations to report your emissions of pollutants to competent authorities, or do you already report them voluntarily under an Environmental Management System?

Yes

Is this disclosure already publicly available?

No

Pollution of air, water and soil

Pollutant Type	Emissions Value	Medium of Release
Lead and compounds (Pb)	0.003	Water
Total phosphorus	0.1	Water
Nitrogen oxides (NOx/NO2)	7.49	Air
Total nitrogen	0.57	Water
Particulate matter (PM)	1.37	Water
Total organic carbon (TOC) (total C or COD/3)	4.64	Water
Sulphur oxides (SOx/SO2)	2.09	Air
Particulate matter (PM)	0.25	Air

B5 Biodiversity

Do you have sites located in or near biodiversity-sensitive areas?

Yes

Sites in or near a biodiversity sensitive area

Site Address	Area	Biodiversity sensitive area type	In or near
Laageind 43, 2940 Stabroek, Belgium	4.82	Natura 2000 Birds Directive area "Schorren en polders van de Beneden-Schelde" (SBZ-V BE2301336) – including sub-area "Ettenhovense Polder" (≈ 403 ha)	Near

Do you have a breakdown of your land into different types, like sealed areas (e.g., buildings, roads) and nature areas?

No

B6 Water

Total amount of water withdrawn from all sites

297,527 m³

One or more sites are located in areas of high water-stress

Yes

Amount of water withdrawn at sites located in areas of high water-stress

297,527 m³

Do you have production processes in place that significantly consume water (e.g., thermal energy processes like drying or power production, goods manufacturing, agricultural irrigation, etc.)?

Yes

Water withdrawal, consumption and discharge breakdown

	Water withdrawal [m ³]	Water consumption [m ³]	Water discharge [m ³]
All sites	297,527	30,756	266,771
Sites in areas of high water-stress	297,527	30,756	266,771

A water management plan to reduce water consumption is in place

No

Additional explanatory information to contextualise water withdrawals or consumption

Malting is a water-intensive process, especially the steeping of malt. Additionally, the oldest malting facility of Mouterij Dingemans makes use of water as a means of transporting steeped barley. In the newer malting facility this is not the case, resulting in a water consumption reduction of 50%. In total, around 70–80% of water is used for steeping and transport of steeped barley.

Mouterij Dingemans withdraws its process water from several on-site wells and purifies the groundwater before use. After use, the water is purified again and then discharged in the surface water. Around 80–90% of the withdrawn water is returned after on-site biological treatment. Only the portion lost by evaporation during kilning/roasting represents net consumption. Re-use of process water is technically constrained due to germination inhibitors and cross-contamination risks, so internal reuse has not been implemented.

Belgium, including Flanders, is classified as facing extreme water stress, highlighting the importance of continuous efforts to reduce water consumption and withdrawal.

B7 Resource use, circular economy and waste management

Are you applying circular economy principles within your organization?

Yes

Description of how you apply these principles

	Description of practices	Metrics/ Indicators	Examples
Eliminate waste and pollution through process improvements	Eliminate process waste: Mouterij Dingemans avoids waste generation by valorising side streams. The two main side streams of Mouterij Dingemans are malt germs, sieved barley and husks. The malt germs and sieved barley go to animal feed production, and the husks are sent to biomass fermenters that produce biogas.	-	-
Eliminate waste and pollution through design considerations	Circular design: Mouterij Dingemans avoids unnecessary packaging by delivering most of its malt in bulk and by using recyclable (big) bags (made of polypropylene) for the remainder.	-	-

Are you only generating household waste?

No

Breakdown of waste generated			
Type of waste	Waste diverted to recycle or reuse	Waste directed to disposal	Total waste recycled, reused and directed to disposal
150103 Non-Hazardous Waste - Wooden packaging	6.12	0	6.12
150102 Non-Hazardous Waste - Plastic packaging	3.73	0	3.73
200101 Non-Hazardous Waste - Paper and cardboard	0.61	0	0.61
200301 Non-Hazardous Waste - Mixed municipal waste	0	9.95	9.95
200201 Non-Hazardous Waste - Compostable waste	832.2	0	832.2
150104 Non-Hazardous Waste - Metallic packaging	0.31	0	0.31
150105 Non-Hazardous Waste - Composite packaging	0.31	0	0.31

Type of waste	Waste diverted to recycle or reuse	Waste directed to disposal	Total waste recycled, reused and directed to disposal
170408 Non-Hazardous Waste - Cables	1.42	0	1.42

Total waste generated	
	Waste generated [ton]
Total Hazardous waste generated	0
Total Non-Hazardous waste generated	854.17
Total waste generated	854.17

Do you operate in a sector using significant material flows (for example manufacturing, construction, packaging or others)?

Yes

Annual mass-flow of relevant materials used	
Material	Annual mass-flow
-	-

Total annual mass-flow of relevant materials used

-

Have you implemented any waste management initiatives?

No

C4 Climate risks

Have you identified climate-related hazards and climate-related transition events, which represent gross climate-related risks for your company?

Yes

Climate-related hazards					
Climate related hazard	Description	Exposure & Sensitivity Description	Time Horizon	Adaptation actions	Category
Droughts	Increasing frequency and duration of drought periods reduce soil moisture and water availability, stressing barley crops.	Malt production depends on sufficient, good-quality barley and water; drought lowers barley yields and quality.	Short-term	Diversification of supplier regions and crop varieties, including alternative grains via the AlterBrew project, to maintain raw-material resilience under dryer growing conditions.	Chronic

Climate related hazard	Description	Exposure & Sensitivity Description	Time Horizon	Adaptation actions	Category
Heatwaves	More frequent and intense heatwaves expected in Belgium and key sourcing areas heighten heat stress on barley crops.	<p>Elevated temperatures can impair barley development and quality, threatening the availability of suitable malt-grade grain and potentially disrupting production schedules. Heatwaves raise process temperatures and increasing raw-material costs.</p> <p>Heatwaves have an influence on the formation of the starch molecules which could lead to higher gelatinization temperatures. This could lead to reduced brewing efficiency</p>	Short-term	Diversification of supplier regions and crop varieties, including alternative grains via the AlterBrew project, to maintain raw-material resilience under hotter growing conditions	Acute

Climate-related transition events					
Climate related transition event	Description	Exposure & Sensitivity Assessment	Time Horizon	Adaptation actions	Category
Market dynamics	Several major customers have announced that, to conclude long-term supply agreements, its suppliers must commit to a 30 % CO ₂ -reduction by 2030 and full CO ₂ -neutrality by 2040/2050.	This requirement directly affects malt sales to these major customers; failure to meet the client expectations could jeopardise contract renewals and future revenues. The company's current energy-intensive malt production makes it sensitive to such low-carbon procurement standards, increasing pressure to cut emissions and demonstrate progress.	Short-term	The company has shared its energy-saving options and CO ₂ -reduction steps to retain competitiveness and secure contracts.	Policy & Legal
Technology change	Agricultural partners carried out a pilot for low-CO ₂ barley that achieved significant emissions reduction compared with conventional barley, signalling an emerging shift towards low-emission raw materials.	As a maltster dependent on barley, Mouterij Dingemans' supply chain is exposed to this technological development; adopting such barley can lower embedded emissions in its products, whereas failure to adapt could reduce competitiveness with customers seeking low-carbon inputs.	Short-term	The company is participating in the initiative to replace traditional fertilisers with lower-emission alternatives in barley cultivation.	Technology

Climate related transition event	Description	Exposure & Sensitivity Assessment	Time Horizon	Adaptation actions	Category
Market dynamics	Customers increasingly expect barley to be produced under regenerative agriculture practices as part of broader decarbonisation and sustainability goals.	This trend creates opportunities to strengthen the company's upstream sourcing. As more suppliers adopt regenerative practices, Dingemans can enhance market access. The company's sensitivity to this trend depends on the growing availability of compliant growers and on its ability to positively support and guide agricultural practices within the supply chain.	Medium-term	<p>The company is assessing how regenerative agriculture requirements will influence its future grain sourcing strategies.</p> <p>Dingemans initiates to further increase regenerative barley projects</p>	Policy & Legal
Policy and regulation	Anticipated tighter environmental rules may impose limits on water reflecting regulatory moves toward more climate-resilient resource management.	Malt production is water-intensive; stricter limits or treatment obligations could raise operating costs and necessitate capital investment in purification systems, affecting profitability.	Medium-term	The company is monitoring forthcoming regulations and evaluating the financial impact of potential new water-purification technologies.	Policy & Legal

Potential adverse effects of climate risks that may affect your financial performance or business operations in the short-, medium- or long-term

Effect	Description	Risk level
Increase in operational costs	Rising energy prices linked to evolving energy markets and stricter climate-related energy regulations raise the cost of running Mouterij Dingemans' energy-intensive malt production processes.	High
Increase in investments	Mouterij Dingemans is exploring various options to replace its current gas-fired installations with low(er)-carbon alternatives. This transition will require a significant investment.	High
Increase in operational costs	More frequent and severe droughts reduce barley yields and quality, driving up raw-material prices and increasing production costs for malt.	Medium
Increase in operational costs	If groundwater abstraction permits tighten and the company must switch to purchased mains water (PIDPA), water expenses would rise sharply.	Medium
Impact on turnover because of changing market dynamics	Climate variability and crop diseases can trigger barley price volatility, jeopardising supply stability. Location close to Port of Antwerp increases flexibility with regards to barley sourcing.	Low

Significant assets affected by material physical risks

Address of the asset	Geolocation (coordinates)	Description
Laageind 43, 2940 Stabroek, Belgium	51.3275065, 4.359934099999999	The malting plant is located in the Scheldt valley, a natural flood-prone area, exposing the production site to material acute physical risk of riverine flooding that could disrupt operations and damage assets.

Do you have Energy Performance Certifications for your real estate assets?

No

General

B8 Workforce – General characteristics

Breakdown of employees by contract type	
	Number of Employees [FTE]
Temporary	1
Permanent	37.2
Total Employees	38.2

Breakdown of employees by gender	
	Number of Employees [FTE]
Male	30
Female	8.2
Other	0
Not Reported	0
Total Employees	38.2

Breakdown of employees by country	
Country of employment contract	Number of employees
Belgium	38.2

Diversity is actively promoted

No

Diversity targets are set

No

B9 Workforce – Health and safety

Rate of recordable work-related accidents in the reporting period	
	Work-related accidents data
Number of recordable work-related accidents in the reporting period	3
Total number of hours worked in a year by all employees in the reporting period	62,449
Rate of recordable work-related accidents in the reporting period	9.61

Number of fatalities as a result of work-related injuries

0

Number of fatalities as a result of work-related ill health

0

B10 Workforce – Remuneration, collective bargaining and training

Employees receive pay that is equal or above applicable minimum wage determined directly by the national minimum wage law or through a collective bargaining agreement

Yes

Percentage of employees covered by collective bargaining agreements

	Collective bargaining coverage [FTE]
Number of employees covered by collective bargaining agreements	38.2
Percentage of employees covered by collective bargaining agreements	100

Breakdown by gender of average annual training hours per employee

	Average annual training hours [hours]
Male	-
Female	-
Other	-
Not reported	108.75

C6 Additional own workforce information - Human rights policies and processes

Do you have a code of conduct or human rights policy for its own workforce?

Yes

What types of content does this code of conduct or human rights policy cover?

	Policy coverage
Child labor	No
Forced labor	No
Human trafficking	No
Discrimination	No
Accident prevention	No
Other	Yes

Specify other types of content covered by the code of conduct or human rights policy

-

Do you have a complaint-handling mechanism for your own workforce?

No

C7 Severe negative human rights incidents

Do you have confirmed incidents in your own workforce?

No

Are you aware of any confirmed incidents involving workers in the value chain, affected communities, consumers and end-users?

No

General

B11 Convictions and fines for corruption and bribery

Have you incurred any convictions or fines for the violation of anti-corruption and anti-bribery laws during the reporting period?

No

C8 Revenues from certain sectors and exclusion from EU reference benchmarks

Are you deriving revenues from one of the activities listed below?

- None of the above

Are you excluded from any EU reference benchmarks that are aligned with the Paris Agreement?

No

C9 Gender diversity ratio in the governance body

Do you have a governance body in place?

Yes

Gender diversity ratio in governance body	
	[FTE]
Number of female board members at the end of the reporting period	0
Number of male board members at the end of the reporting period	2
Gender diversity ratio in governance body	0



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