ZIGNAGO VETRO

Zignago Vetro ESG Investor Conference

September 14, 2026

ZIGNAGO VETRO

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Zignago Vetro ESG Governance

SUPERVISION & STEERING

Corporate Gov. and Control
- Board of Directors
- Control, Risks and Sustainability Committee
- Board of Statutory Auditors
- Supervisory Body

Executive Committees and Management
- Executive Committee
- ESG Committee
- Management Reviews

OPERATIONAL MANAGEMENT & CONTROL

Process Management
- Financial Reporting Officer
- ESG Specialist
- Risk owner
- Process owner

Tools
- ERM Framework
- ISO Management Systems
- Organizational Model 231
- ESG Policies

INDEPENDENT ASSURANCE

Internal Audit

External Assurance (EY)

KPIs	
% of independent Board members	50%*
% of the underrepresented gender on the BoD	41,7%
% of rewards linked to ESG targets	20-25% of the Performance Share
Average number of training hours per capita	15,14
Average number of ESG training hours per capita	7,43

*Two self-declared independent members

Key ESG Drivers Zignago Vetro

DECARBONIZATION PLAN

EFFICIENCY & ENERGY

- Energy efficiency and innovative melting technologies
- Heat and energy recovery
- Renewable energy

See slides 4 and 5

CIRCULAR ECONOMY

- Post-Consumer Recycled (PCR) glass maximization
- Virgin raw materials reduction

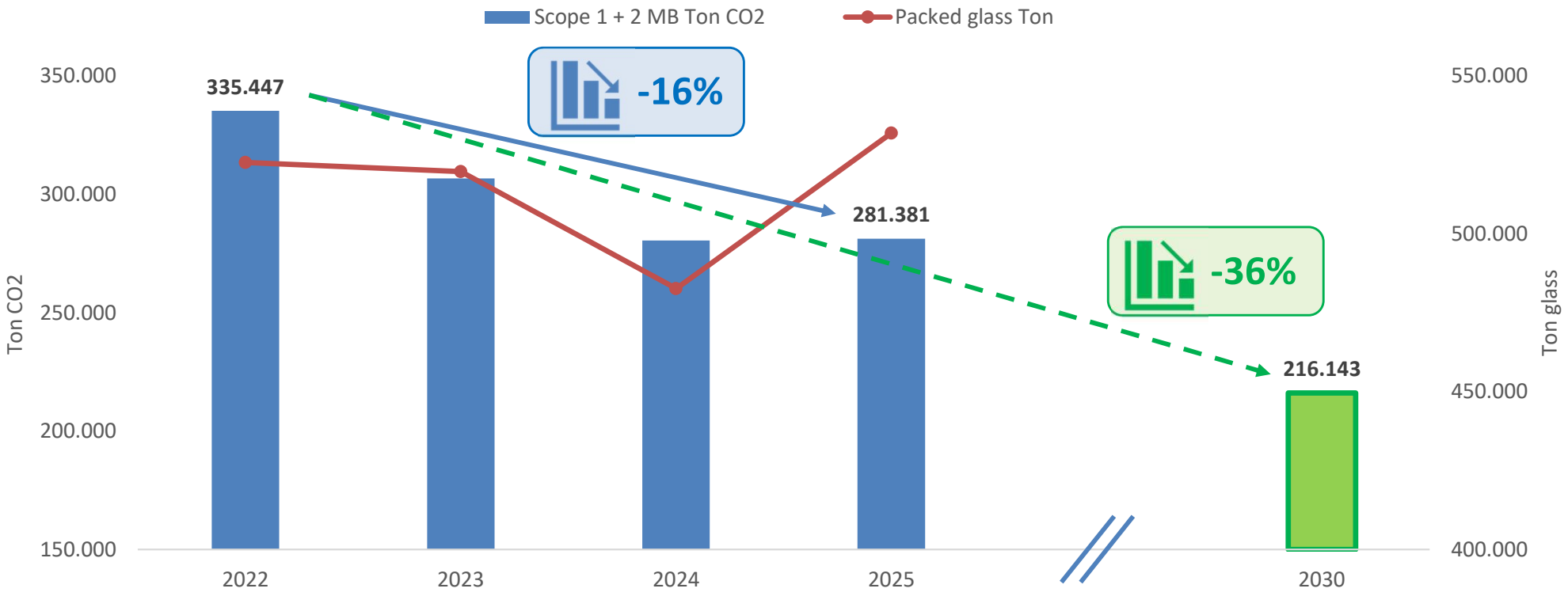
See slide 6

PRODUCT ECO-DESIGN

- Acqua Marina Containers
- Deep Green Collection
- Lightweight Products

See slide 6

Decarbonization (1/2)

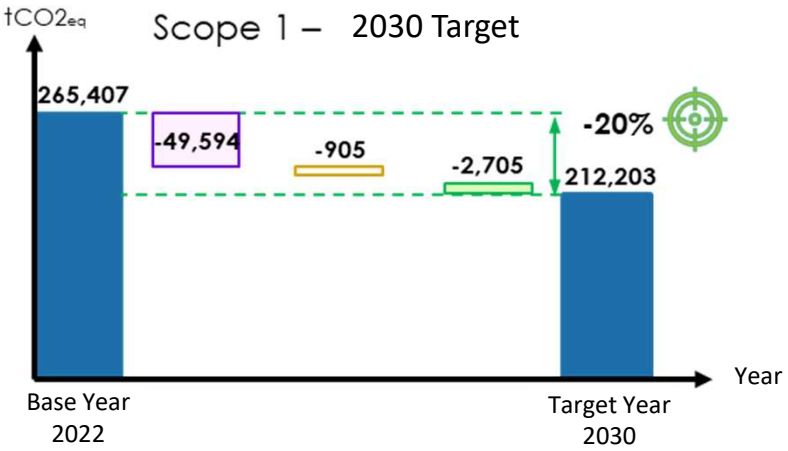


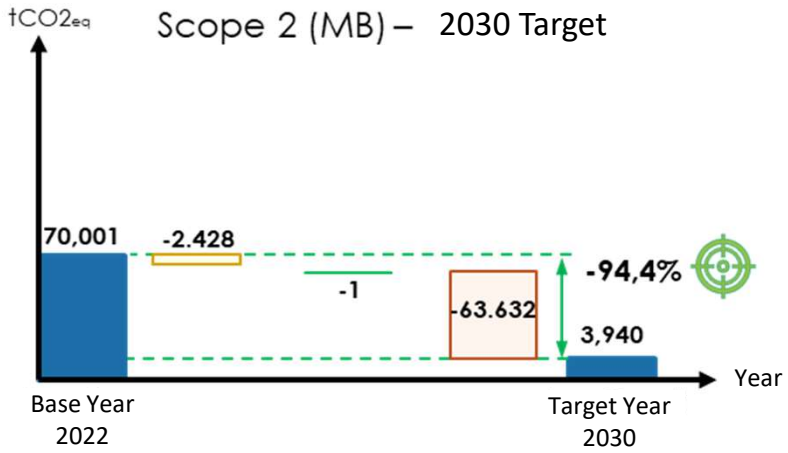
2022–2030: Launch of the first Decarbonization Plan.
2024–2030: Update of the Plan to align with the Business Plan.

Results 2022-2025: Emissions reduced by 16% in three years (- 54.027 tonCO ₂eq vs 2022)

This decarbonization plan and the related actions are audited by a third party in the CSRD Sustainability Report.

Decarbonization (2/2)





Colors represent the different decarbonization levers

Main levers and actions for decarbonization:

Energy efficiency and innovative melting technologies

2024: Renewal of Furnace 41 (ZVP), maintenance of Furnace 12 (ZVIF), and upgrade of electric boosting for both furnaces.
2025: New high-efficiency compressors at all Group production sites.
2026: Renewal of Furnace 21 (ZVIE) and upgrade of electric boosting.
2027: Industrial hydrogen test on Furnace 12 (H2Glass project).

Heat and energy recovery

2024: Heat recovery system at ZVP (coal boiler replacement).
2027: Implementation of ORC system for waste heat recovery from flue gases of Furnaces 21 and 22 (Empoli).

Increase in renewable energy

2024-2025: New photovoltaic plant in Fossalta (≈3,245 MWh/year).
Ongoing: Purchase of Guarantees of Origin (GOs) for renewable electricity supply.
Ongoing: Electricity supply from Zignago Power biomass plant (-40,000 tCO_2eq/year).

Sustainable and circular raw materials

Ongoing: Increase in the use of recycled glass (PCR), energy and emission savings (+1.5%).
2025: 2030 target achieved ahead of schedule, with 58% of PCR and internal cullet usage out of raw materials before melting.

This decarbonization plan and the related actions are audited by a third party in the CSRD Sustainability Report.

Circular Economy & Eco-Design

ZV has invested approximately €30M in glass recycling companies, becoming one of the leading players in Italy in this sector, with a treatment capacity equivalent to approximately 1/4 of the glass cullet

% Recycled Glass (PCR + Internal Cullet) / raw materials before melting

2021	2022	2023	2024	2025
53,01%	57,08%	51,74%	53,60%	59,64%

Increase in % of recycled glass in the product

According to FEVE estimates, every 10% increase in recycled glass in the furnace reduces energy consumption by 2.5% and greenhouse gas emissions by 5%.

The information regarding the % of recycled glass / raw materials before melting has been audited by a third party within the CSRD Sustainability Report

Additional Sustainability Drivers

Climate Resilience

Identification of physical and transition risks, alongside the definition of respective mitigation and adaptation measures

See slide 10

Water Resources Management

Efficiency in water use and advanced wastewater treatment systems

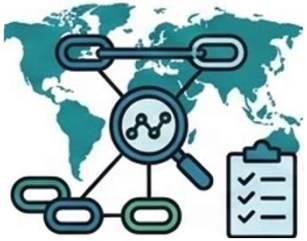
See slide 11

Health & Safety

Workplace safety, continuous training, and accident prevention for the entire company workforce.

See slide 12

Supply Chain Analysis



Mapping and evaluation of suppliers based on ESG criteria to mitigate reputational and compliance risks.

See slide 13

Climate Resilience

Activities carried out by Zignago Vetro:

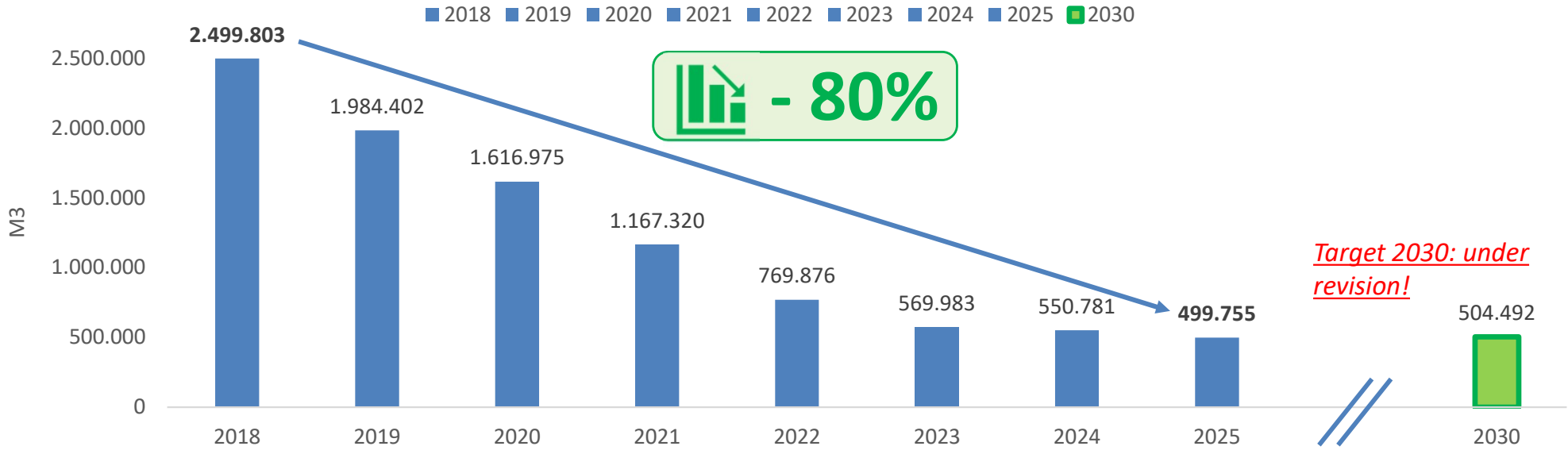
100% of sites assessed: In December 2024, a physical and transition risk assessment was completed for all production sites.

Action plan defined: For each site, tailored mitigation and adaptation measures have been identified and implemented to ensure operational continuity.

Transparent Reporting (aligned with ESRS principles): The methodology and related strategic responses can be explored in detail in the following chapters of the Consolidated Sustainability Report:

- *"SBM-3: Material impacts, risks and opportunities and their interaction with strategy and business model."*
- *"Description of the processes for identifying and evaluating material climate-related IROs"*

Water Resources Management



Key initiatives implemented by Zignago Vetro:

- **Recycling Systems**: Use of recycling and treatment systems for plant cooling water (scrapers, cooling towers, vacuum pumps, etc.) in glass production facilities to reduce water demand and minimize water withdrawal;
- **Consumption Monitoring**: Monitoring of water consumption in glass production facilities via volumetric meters for consumption optimization and hidden leak detection;
- **Upcoming Key Initiative**: Rainwater recovery and treatment system project with a 10,000 m³ collection basin. The system allows for a reduction in well water withdrawal and improves water efficiency.

The information reported has been audited by a third party within the CSRD Sustainability Report.

Health & Safety

	ZVI (Fossalta)	ZVI (Empoli)	ZVF	ZVP	VETRO REVET	IGM
ISO 9001 (Product quality)	V	V	V	V	V	V
ISO 45001 (Workplace safety)	V	V	2027	V	2027	2027
FSSC 22000 (Food safety)	V	V	-	V	-	-

Occupational Health & Safety

- Dynamic risk mapping;
- Use of PPE and technical preventive measures;
- Continuous dialogue with RLS (Workers' Safety Representatives);
- Immediate internal investigations for timely corrective actions
- KPIs, Management Review, Group strategic plans.

Food Safety

- HACCP and Good Manufacturing Practices (GMP) Approach;
- Constant monitoring and systemic updates;
- Investment in automatic inspection technologies;
- Preventive control systems and batch traceability;
- Annual simulations of product withdrawal and recall procedures.

Supply Chain Analysis

Regulatory and Contractual Framework

- Supplier Code of Conduct
- ESG Clauses in Contracts and Purchase Orders
- Conflict Minerals Oversight

ESG Screening and Assessment

- Screening and mapping of main ESG themes
- Structured questionnaire of 67 questions
- Compliance "Gatekeeping" Questions

Monitoring, Skills and KPIs

- 78.6% of Group procurement is covered by assessed suppliers
- Contractual right to perform audits reserved
- 100% of buyers trained in the last two years

ESG Ratings

	Ecovadis	CDP Climate Change	CDP Water Security	Sustainalytics (since 2021)**	EthiFinance (since 2020)	MSCI (since 2020)	S&P (since 2023)
2025	**93/100 Platinum** ↑	**B**	**B**	**17,3** ↑	**78/100** ↑	**BBB**	**54/100** ↑
2024	90/100 Platinum	B	B	12,2/17,9**	66/100	BBB	52/100
2023	85/100 Platinum	A-	A-	11,6	64/100	BBB	49/100
2022	85/100 Platinum	B	A-	12,2	64/100	BB	-
2021	83/100 Platinum	B*	B*	11,9	61/100	BB	-
2020	62/100 Silver	B*	B*	-	53/100	BB	-
2019	59/100 Silver	B*	B-*	-	28/100	-	-
2018	55/100 Silver	B*	B-*	-	-	-	-

* Increasing score within the same range

** Due to an update in the rating provider's evaluation methodology, our 2024 ESG Risk Rating has been revised from 12.2 to 17.9

↑ Improved result (2025vs2024)

ESG Recognitions

With a score of 93/100, Zignago Vetro is among the top 1% of the most virtuous companies evaluated on ESG issues.

Awarded "World's Best Companies in Sustainable Growth" recognition by TIME and Statista.

Recognized among Italy's leading companies for climate and sustainability by Corriere della Sera and Statista.

Included as one of the 20 companies in Borsa Italiana's first ESG Panel.

Included in the Financial Times' list of Europe's Climate Leaders 2024

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