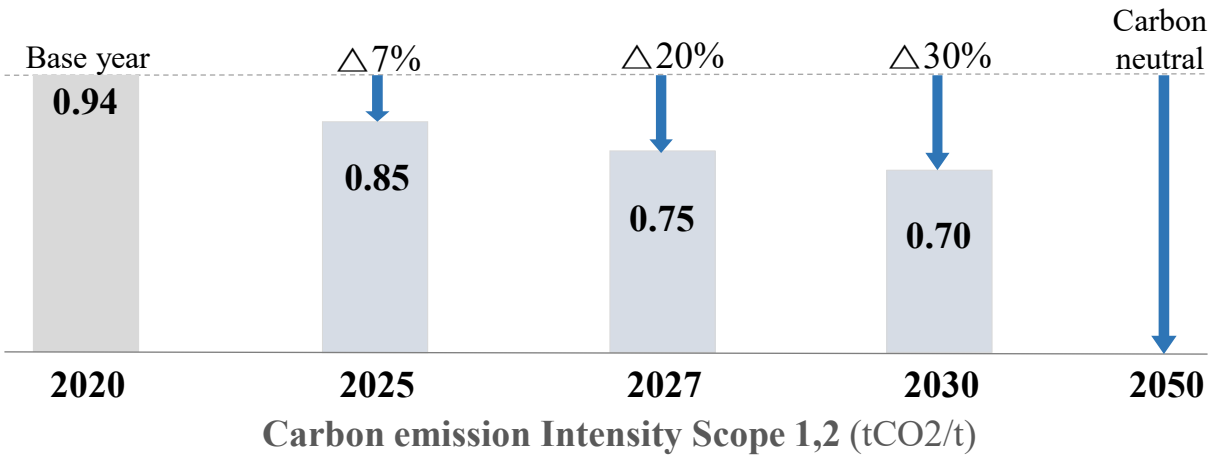


Posco Yamato Vina is a hot-rolled structural steel manufacturer in Vietnam. We specializes in section steel such as H-Section, Equal & Unequal Angle, Sheetpile, and Parallel Flange Channel.

By following these plans, we aim to:

- ❖ Become a steel manufacturer with low carbon emissions
- ❖ Contribute to a sustainable future for generations
- ❖ Adopt innovative decarbonization solutions



Division	Emission intensity reduction plan
Technology development	Improvement electricity efficiency at electric arc furnace
Facility investment	Evaluate and upgrade steel making facility
	Develop a plan for clean energy – solar power
Carbon offset	Use carbon credits and other resources to achieve carbon-neutral

The time for action is now

We invite you to join us on this path towards decarbonized future

1. Executive Summary

Posco Yamato Vina Steel JSC (PY VINA) is unwavering in its commitment to sustainable manufacturing practices and significant decarbonization of its operations. This report provides a transparent overview of our carbon emission performance for the year 2024, detailing our progress against established targets, the methodologies guiding our reporting, and key initiatives undertaken to reduce our environmental footprint. As a responsible steel manufacturer, we recognize our role in contributing to a lower-carbon future.

2. Our Decarbonization Targets

Our ambitious decarbonization strategy is built upon a clear set of targets, measured in carbon emission intensity (tCO2/t of steel produced), against our 2022 baseline of 0.94 tCO2/t. These targets guide our long-term efforts:

2025 Target: 0.85 tCO2/t (7% reduction from 2022 baseline)

2027 Target: 0.75 tCO2/t (20% reduction from 2022 baseline)

2030 Target: 0.70 tCO2/t (30% reduction from 2022 baseline)

3. Methodology and Scope of Reporting

To ensure the accuracy and credibility of our emissions data, our reporting strictly adheres to the international standard ISO 14064 (Greenhouse Gases – Quantification and Reporting).

Organizational Boundary: This report covers all emissions from our steel manufacturing operations.

Operational Boundary: Our data encompasses emissions from our Electric Arc Furnace (EAF) technology at our single manufacturing facility located at N1 street, Phu My 2 IZ, Phu My Ward, Ho Chi Minh City, Vietnam. This includes both direct emissions (Scope 1) from our operations and indirect emissions (Scope 2) from purchased electricity.

4. Annual Emissions Performance Data

We rigorously track our carbon emission intensity to monitor our progress against our decarbonization targets. The table below illustrates our performance:

Year	Carbon Emission Intensity (tCO2/t)	Change from Previous Year	Cumulative Reduction from 2022 Baseline
2022	0.94 (Baseline)	N/A	N/A
2023	0.90	-0.04 tCO2/t	4.26%
2024	0.88	-0.02 tCO2/t	6.38%
2025	0.79	-0.09 tCO2/t	15.96%
2027 Target	0.75	-	20.00%
2030 Target	0.70	-	30.00%

Analysis of 2025 Performance: In 2025, we continued our downward trend in emission intensity, reaching 0.79 tCO2/t. This represents a 10.2% reduction from 2024 and an overall 15.96% reduction from our 2022 baseline. 2025 marks a significant milestone in our journey to reduce emission intensity, it is a clear evidence that we are on the right track and making steady progress towards sustainable development goals.

5. Decarbonization Strategy and Initiatives:

Actions Taken in 2025 Our consistent progress in reducing carbon emissions is a direct result of strategic investments and operational enhancements. In 2025, we focused on the following key initiatives:

- **On-site Renewable Energy Generation:** To directly reduce our Scope 2 emissions from purchased electricity, we successfully installed more roof solar power system at the canteen and employee motorbike parking area. This increases the amount of clean electricity used in the administrative office.
- **Operational Improvement Activities at the Rolling Stage:** By analyzing production data and market demand, we are fine-tuning rolling speeds and production schedules to maximize throughput while minimizing energy consumption. This includes reducing idle times and ensuring a consistent, efficient flow of material through the rolling mills.
- **Strictly control scrap mix and change melting profile:** The optimized melting profile reduced electrical energy consumption and achieved cost saving, smelting time was shortened by 1.6 minutes, contribute to improved furnace availability and production efficiency.

6. Future Plans and Outlook

Building on the significant progress achieved in 2025, we are more determined than ever to accelerate our decarbonization journey. Our strategic roadmap for the coming years will double down on our commitment to reducing our environmental footprint, focusing on key areas with the highest potential for emissions reduction within our operations:

Our commitment to maximizing the electrical efficiency of our Electric Arc Furnace (EAF) remains paramount. Our efforts will include exploring innovations in electrode technology, and optimized power input strategies. We aim to achieve even greater energy savings and, consequently, a lower carbon footprint per ton of steel produced.

A crucial element of our strategy this year involves a heightened focus on improving our scrap sorting processes. By implementing more sophisticated sorting techniques, we aim to optimize the quality and composition of the scrap material we utilize.

Improving the overall operational rate and throughput of our facility is key to reducing our specific energy consumption and, therefore, our carbon intensity per ton of steel. This year, we will concentrate on streamlining processes, minimizing planned and unplanned downtime, and meticulously optimizing production schedules.

7. Conclusion

The pursuit of comprehensive decarbonization is an intricate yet essential endeavor, and our performance in 2025 serves as a powerful testament to our tangible progress and unwavering commitment. While we continue to strategically drive towards our ambitious 2027 targets, the operational enhancements and technological adoptions successfully implemented provide an exceptionally robust foundation for future advancements. We are resolutely confident that our intensified strategic focus on optimizing EAF power efficiency, refining scrap material management, and enhancing overall operational throughput will not only enable us to achieve but ultimately surpass our long-term decarbonization objectives.