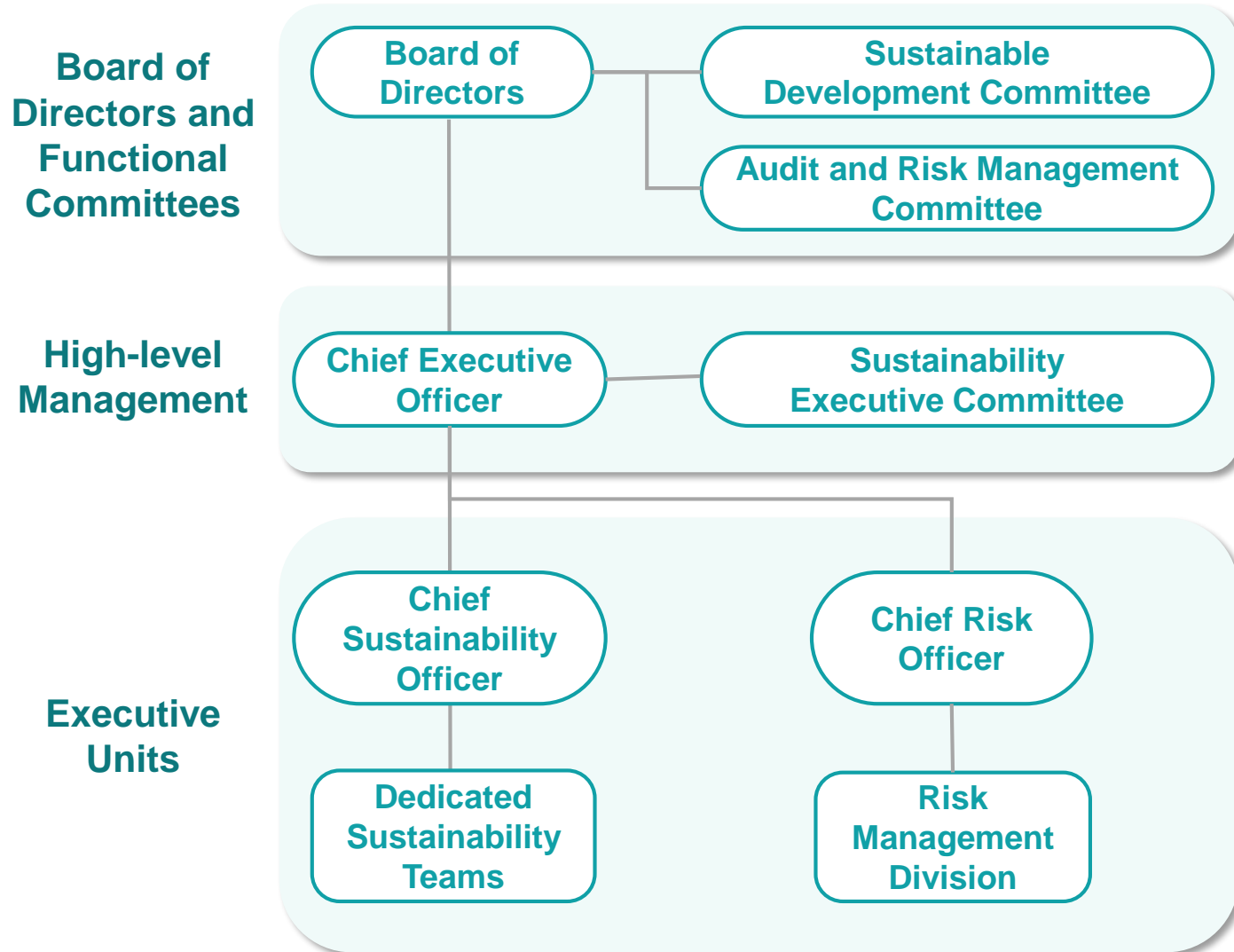




E.SUN Net Zero Transition plan

2025.11

Climate & Nature Governance Structure



Net-Zero transition taskforce

Goals and Timeline Group

- Benchmarking and Planning
- Target Achievement

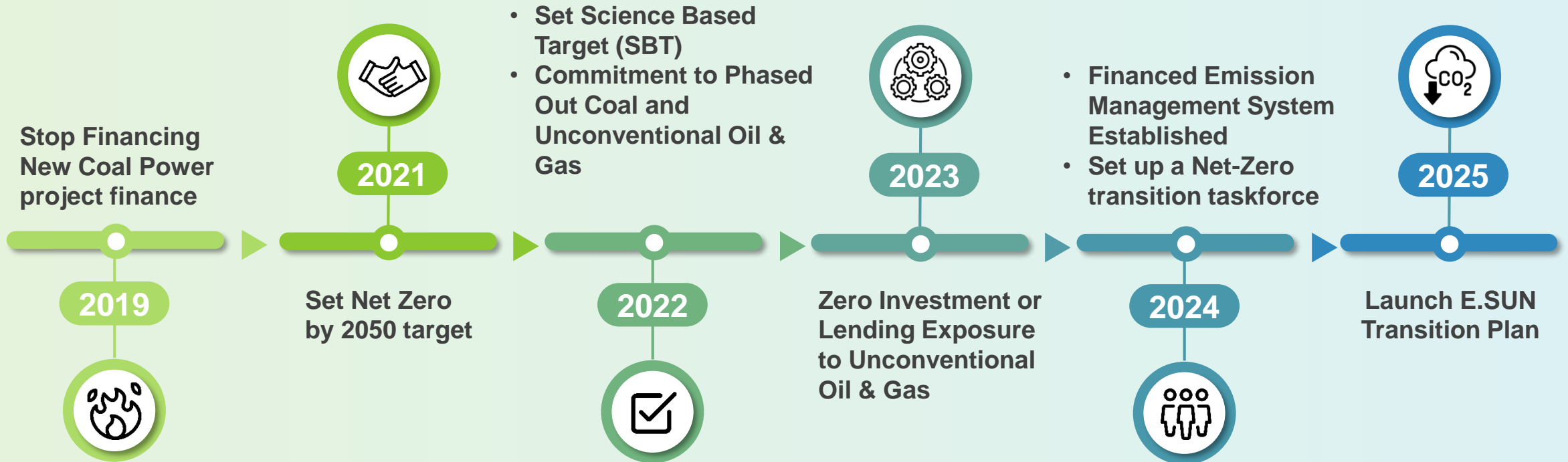
Data and Systems Group

- Carbon Emissions System Development

Internal Carbon Pricing Group

- Plan and promote an internal carbon pricing mechanism

Our Net-Zero Emissions Milestones



Commit to Net-Zero Emissions by 2050 in 2021



“ Only by aligning these four forces, International Consensus, Government Policy, Businesses’ Actions, and Market Incentives, do we have a chance to solve the climate crisis.

--E.SUN FHC Chairman, Joseph N.C. Huang ”

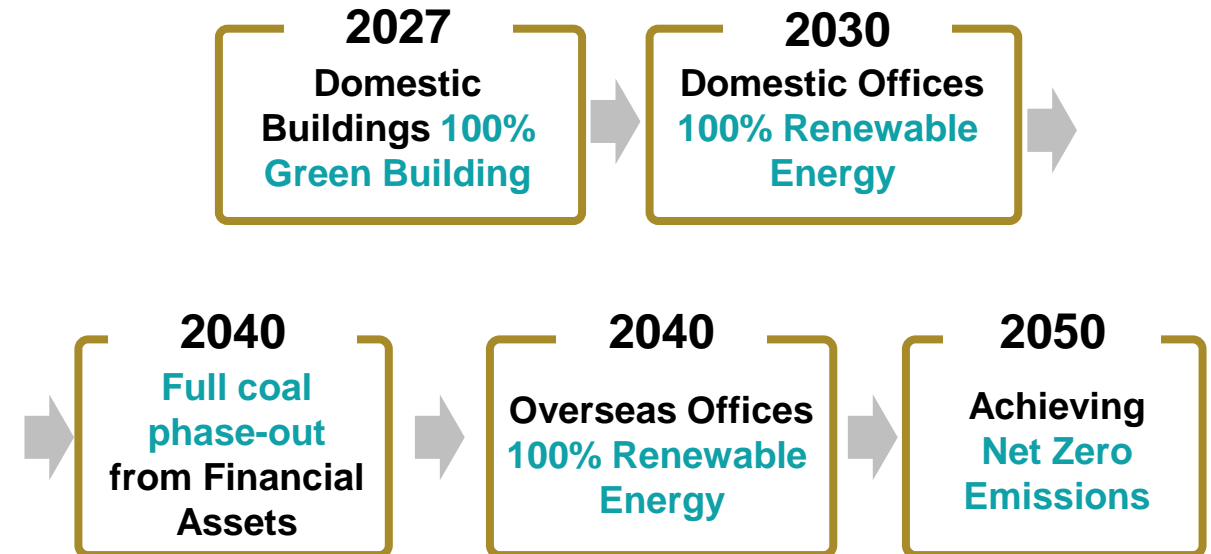
E.SUN’s Total Carbon Emissions

In 2024: **5.56 Million tons**

Corp. Loans	56.7%
Sovereign Bond	21.1%
Equity & Corp. Bond	8.9%
Housing Loans	6.8%
Project Finance	3.0%
CRE Mortgage	2.6%
Operations	0.9%

Financed Emissions **99.1%**
(5.51 Million tons)

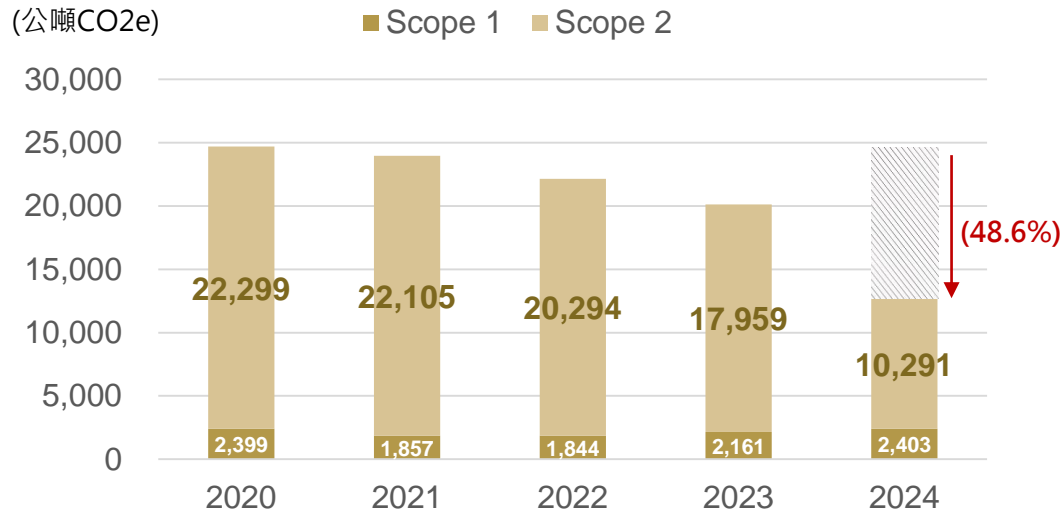
Our Commitments for Net-Zero Goals...



Reducing Scope 1 & 2 Emissions

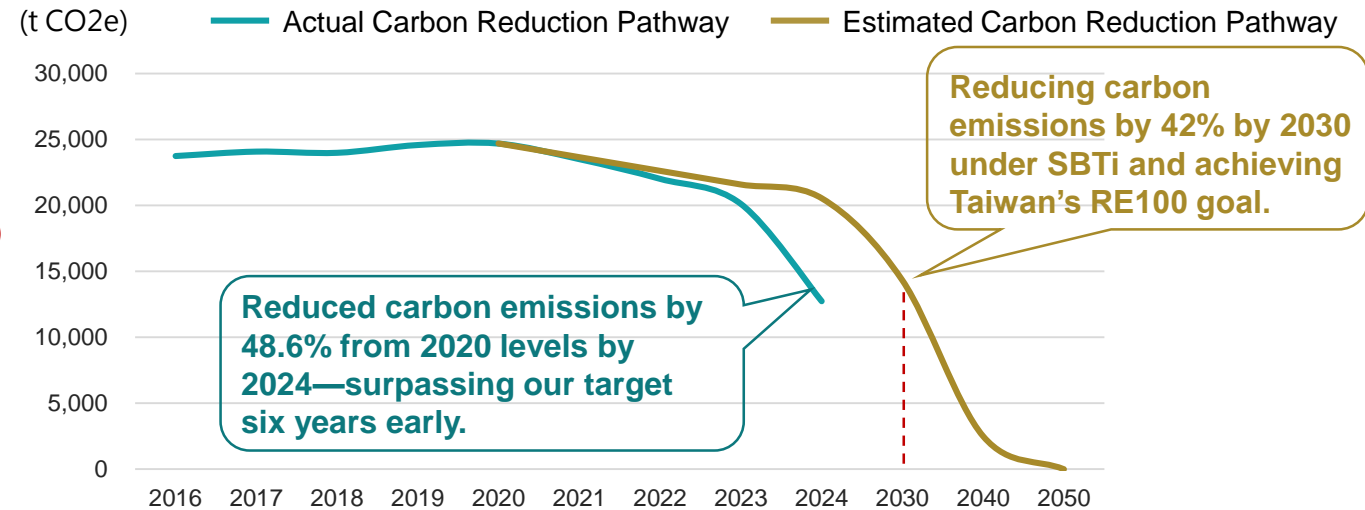


Scope 1 & 2 GHG Emissions



Target	2024 Progress
100% solar rooftop coverage by 2025	89%
100% Green Building certification for all owned buildings by 2027.	77%
42% reduction in Scope 1 & 2 emissions by 2030.	48.6% reduction (Achieved ahead of schedule)
Achieving RE100 across all domestic and overseas operations by 2040.	RE 57

Decarbonization Pathways and Actions



- **Energy Efficiency:** Adopt high-efficiency AC and lighting.
- **Green Fleet Transition:** Replace old vehicles with EVs and install charging stations.
- **On-site Renewables:** Install rooftop solar for self-consumption.
- **Sustainable Workplace:** Design offices to meet green building standards.
- **100% Green Power:** Sign PPAs for full renewable energy transition.

Management of Scope 3 Financed Emissions (1/2)



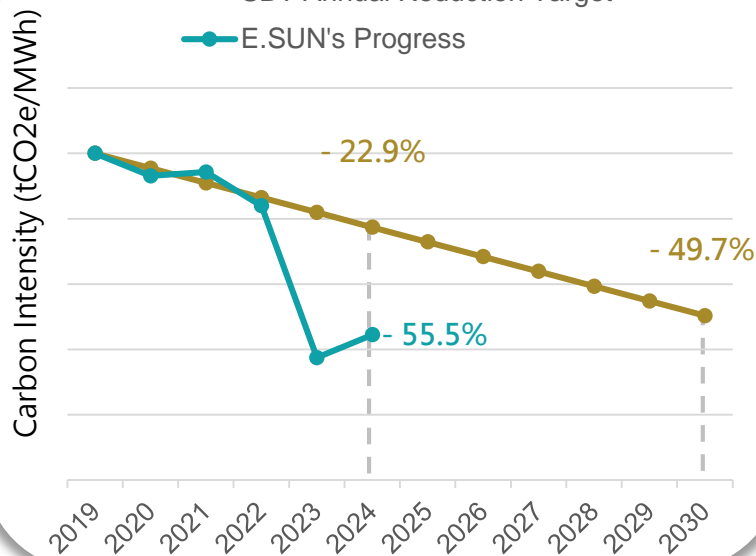
1. Power Generation Project Finance

Target

Reduce electricity generation project finance portfolio GHG emissions 50% per MWh by 2030 from a 2019 base year.

Progress

Reduced electricity generation project finance portfolio emissions by 55.5% per MWh from a 2019 base year, meeting our 2024 target.



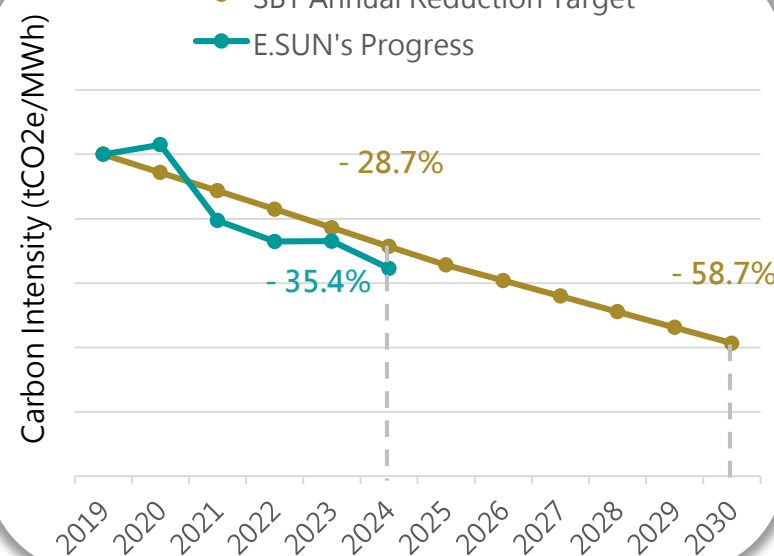
2. Commercial Real Estate Loans

Target

Reduce GHG emissions from CRE within E.SUN's corporate loan portfolio 58.7% per m2 by 2030 from a 2019 base year.

Progress

Reduced emissions from CRE within corporate loan portfolio 35.4% per m2 from a 2019 base year, meeting our 2024 target.



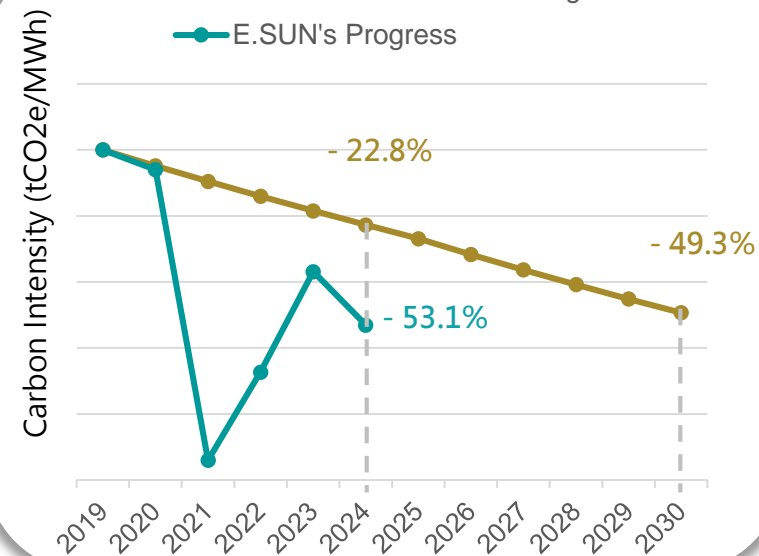
3. Power Generation Sector Loans

Target

Reduce GHG emissions from electricity generation sector within our corporate loan portfolio 49.3% per MWh by 2030 from a 2019 base year.

Progress

Reduced emissions from electricity generation sector within our corporate loan portfolio 53.1% per MWh by 2030 from a 2019 base year, meeting our 2024 target.



Management of Scope 3 Financed Emissions (2/2)



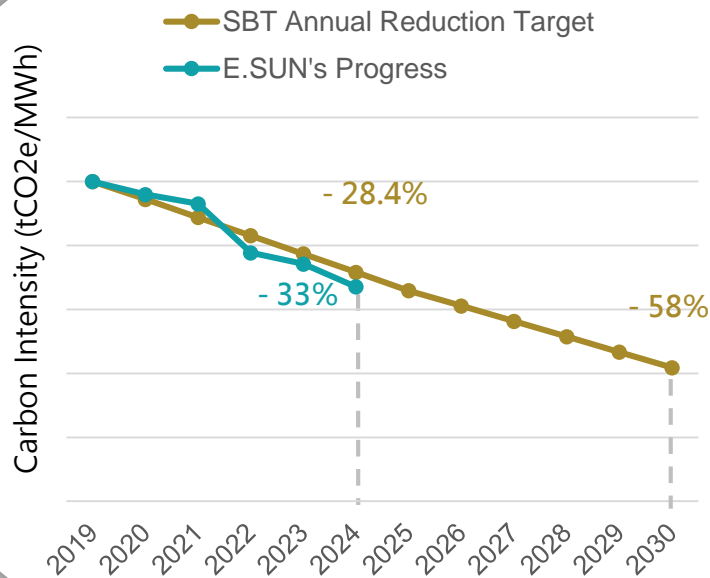
4. Non-manufacturing Sector Loans

Target

Reduce GHG emissions from Nonmanufacturing sectors within the corporate loan 58% per m2 by 2030 from a 2019 base year.

Progress

Reduced emissions from Nonmanufacturing sectors within the corporate loan 33% per m2 by 2030 from a 2019 base year, meeting 2024 targets.



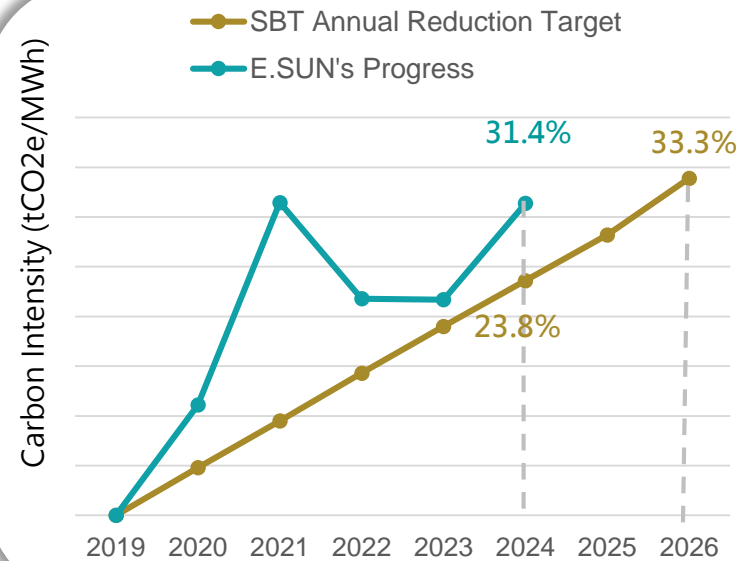
5. Specific High Emission Sectors Loans

Target

E.SUN FHC commits that 33.3% of the corporate loan portfolio by loan value within specific high emission sectors will have set SBTs by 2026 from a 2019 base year.

Progress

31.4% of the specific high emission sectors within our corporate loan portfolio have set SBTs from a 2019 base year, meeting our 2024 target



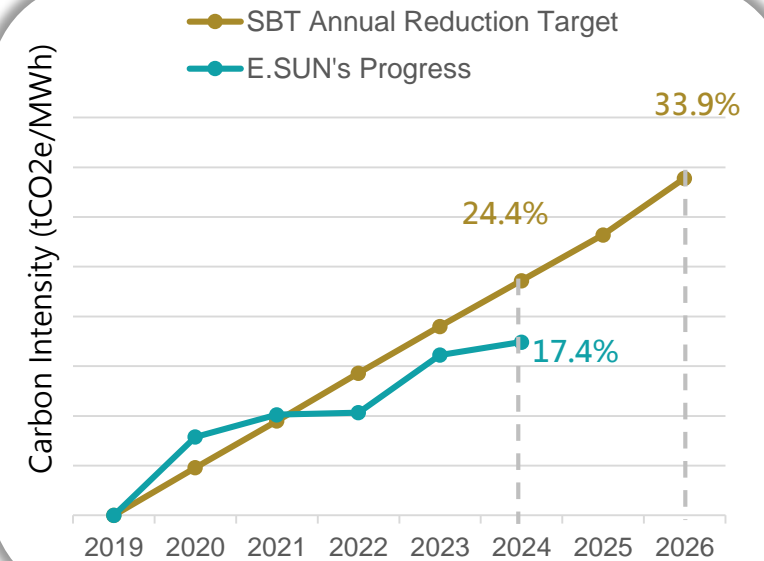
6. Listed Equity & Bonds Investment

Target

E.SUN FHC commits to 33.9% of its listed equity and bonds portfolio by total assets setting SBTi validated targets by 2026 from a 2019 base year.

Progress

17.4% of our listed equity and bonds portfolio by total assets have set SBTi validated targets from a 2019 base year, which did not meet our 2024 target. This is due to several major global corporations exiting SBT commitments because of political uncertainty starting in 2023.

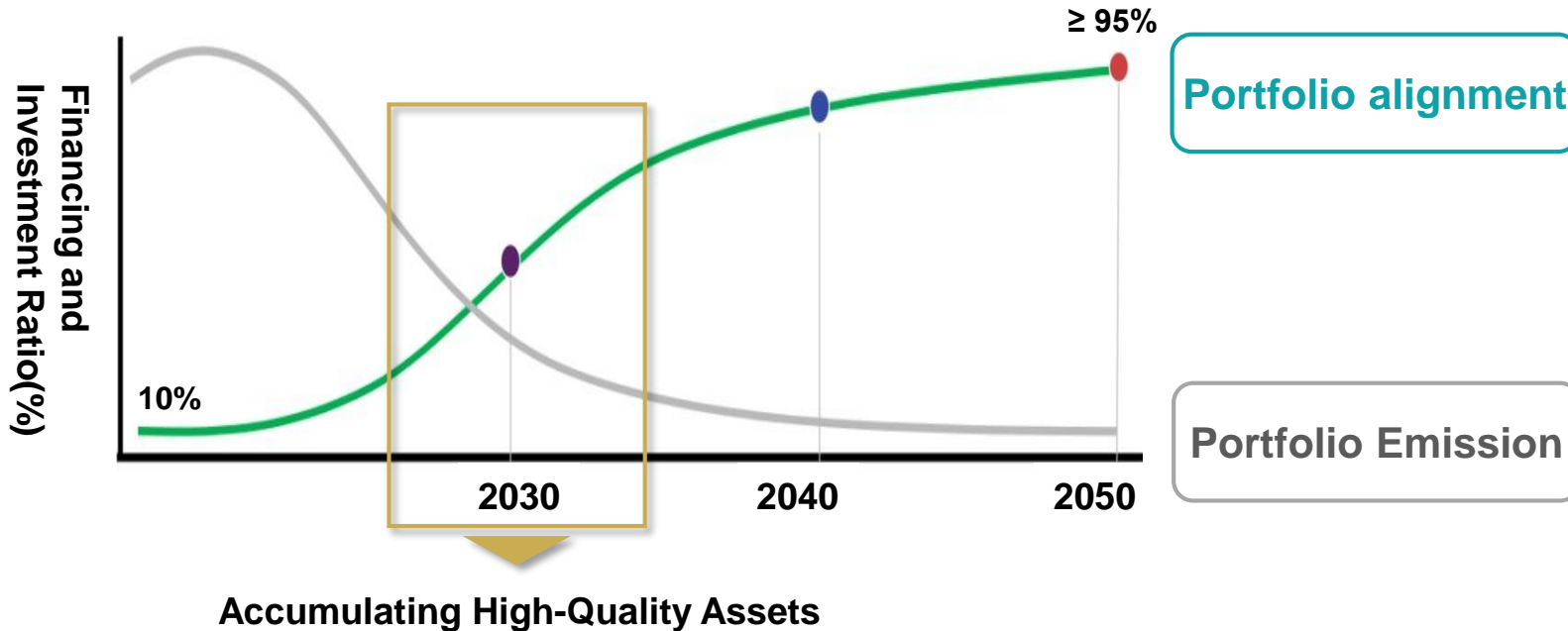


Transition Finance



“ *Transition Finance is not a green label, but a dynamic system that requires the integration of policy, market mechanisms, and financial mobilization.* ”
-- E.SUN FHC Chief Sustainability Officer, Louis L.Y. Chang

Shifting the mindset from controlling total carbon emissions to proactively accumulating quality assets with better Climate Alignment.



- SBTi provides a transition management framework that shifts focus from historical emissions control to identifying and increasing the share of climate-aligned assets.

- Climate Alignment Indicator : CAF (Climate-alignment finance)

$$= \frac{\text{Net Zero Aligned Portion} + \text{Transitioning Portion}}{\text{Total Portion}}$$

Establishing Climate Alignment Standards

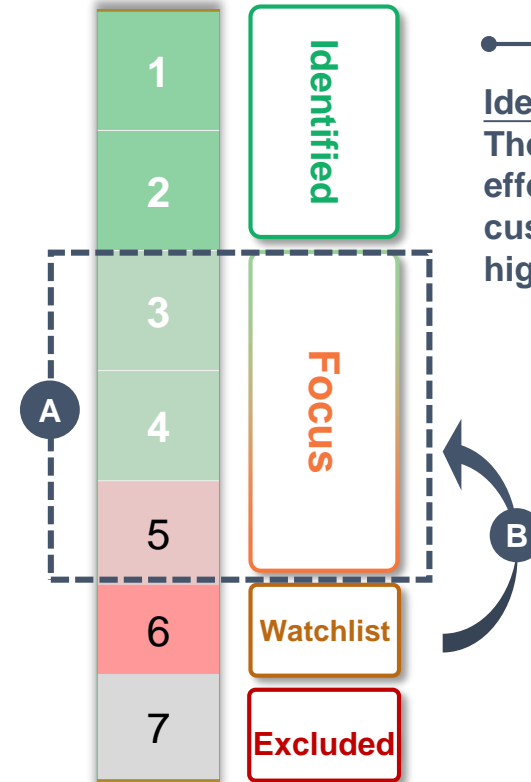


E.SUN's Taxonomy			Sustainable Taxonomy		
Alignment	Tier	Description	EU	ASEAN	TW
Net Zero Alignment	1	Specific activities aligned with net-zero pathway	Aligned	Aligned	Aligned
	2	Complied with international climate consistency			
Transition Alignment	3	Complied with regional climate consistency	Aligned	Aligned	
	4	Concrete transition plan			
Transitioning	5	Initial transition actions	Take action to elevate them to at least Tier 4 or above.		
No transition	6	No transition actions at present			
No Engagement	7	Conflicts with existing bank policies	Not financed		



Identifying the 'transitioning portion' is key to driving value chain transformation at E.SUN. Our transition maturity grading mechanism is not meant to exclude high-carbon industries, but to help enterprises 'level up' their efforts.

--E.SUN FHC Chairman, Joseph N.C. Huang



A

Identifying Transition Potential
The grading standard helps us effectively identify transitioning customers, allowing us to support high-potential net-zero partners.

B

Targeting Level 6
Level 6 exposure is a key engagement focus for net-zero goals, using the grading system to guide high-carbon enterprises toward low-carbon operations.

E.SUN ESG Initiative Partnering with Enterprises for Sustainability



Sustainability Trends

2021

2021/4/22 Taiwan Declares 2050 Net-Zero Transition as a National Goal

2022 COP 27

2022/3 Announcement of the "Taiwan 2050 Net-Zero Emissions Pathway and Strategy Summary "
2022/12 Release of the "12 Key Strategic Action Plans"

2023 COP 28

2023/1 Draft of the Greenhouse Gas Reduction and Management Act
2023/2 Renamed the Climate Change Response Act, Formally Incorporating the 2050 Net-Zero Goal

2024 COP 29

2024/8 Carbon Fee System Takes Effect, Ushering Taiwan into the Carbon Pricing Era

2025 COP 30

2025 Dubbed the "Year One of AI Application"

Awareness

Elevate Corporate Awareness of climate change issues.



Consideration

Expand Influence by encouraging enterprises to set transition goals.



Take Actions

Co-create a Sustainable Transition Platform with experts.



Solutions

Deliver Integrated Solutions (Financial + Non-financial) via our ESG-linked Expert Services.



Empowerment

Empower Industry Transition through the synergy of talent and technology.



E.SUN ESG Initiative

E.SUN Carbon Account Promote Low-Carbon Living



Self-Built Consumer Carbon Footprint Tracking

Personal Carbon Footprint Manager

Consumer carbon footprints represent the emissions generated by products or services purchased. E.SUN Wallet records these to help users understand their daily carbon impact.

Seven Major Categories of Consumer Carbon Footprints

Transportation

Food

Energy

Others

Accommodation

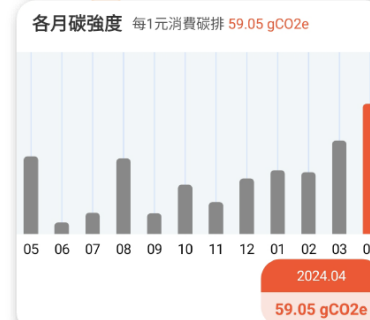
Shopping

Entertainment

Review your carbon footprint distribution anytime to encourage reduction actions, such as taking public transport or choosing local ingredient vendors.

Allowing users to understand the carbon footprint of every transaction.

Carbon Intensity



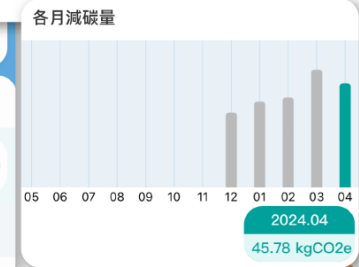
Consumer Carbon Footprint



Transit Carbon Reduction

Transit Mode	Carbon Reduction (kgCO2e)
公車/客運	1.03
高鐵	13.25
台北捷運	28.68
YouBike	0.60

Change in Carbon Reduction



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2. This Plan is developed by referencing international standards, including GFANZ and SBTi, to align with Asian operational practices. The information is accurate as of the end of 2024. Emissions are estimated based on the Partnership for Carbon Accounting Financials (PCAF) standards. For investment and financing entities without public emissions data, E.SUN FHC estimates emissions using consultant-provided emission factors. As there is no unified source for carbon emission factors, estimated results may differ from actual values. E.SUN FHC will continue to enhance related management measures.
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