



CHINA STEEL AND NIPPON STEEL VIETNAM JSC

NEW YEAR

2022
12

HAPPY
NEW
YEAR!



2022



CONTENTS

HIGHLIGHTS

TRENDING

MANAGEMENT DIV.

COMMERCIAL DIV.

PRODUCTION DIV.



My memories – CSVC longest serving employees sharing their stories.

Page 3



Mangroves – “ace” of strategies to combat climate change

Page 6



Carbon neutrality in steel industry - “from a hard-to-abate to a fast-to-abate sector”

Page 10



Vietnam to receive real money from carbon credit sale

Page 11



CHAIRMAN WONG, CHAO-TUNG OF CHINA STEEL CORPORATION PAY A VISIT TO CSVC FACTORY

Afternoon, Mar 5, at China Steel And Nippon Steel Vietnam JSC , General Director Peng, Wei-Yeh with CSVC’s top leaders welcomed the visit of Chairman Wong, Chao-Tung of China Steel Corporation (CSC)



TOP NEWS



CSVC presents gifts to people in difficult circumstances on the occasion of the Lunar New Year

Page 8



GD visits and extends new year wishes to employees

Page 8



Raise fire safety awareness and the firefighting efforts of M43 firefighting team

Page 9



CSVC celebrates female employees to mark International Women’s Day Mar 8

Page 9



Quiz: Are you creating high “carbon footprints”?

Page 12



My 10 years of memories

Blink and a decade has passed, quietly but enough to startle anyone when they looked back.

10 years for CSVC are memories, willpower, effort, growth, and the same for the employees. Now, the first generation of employees of CSVC looks back on the past 10 years, everyone can not help but be amazed by the flow of time as well as somewhat proud to be the longest-serving employee team at CSVC.

On the occasion of the company's official 10th anniversary, Vol. 12 had the opportunity to listen to the longest-serving employee team from production share their personal stories.



NGUYỄN MINH LÝ
Safety & Environmental Management (P1)

“My job is Waste and Scrap Management. I passed the interview right after graduation. The best memory of my working life was having the opportunity to attend the opening ceremony of the factory in 2013. My colleagues are always happy and friendly so I go to work with joy.”



TRẦN QUANG HUY
Production Control & Logistics (P7)

“My current job is in charge of 3 main areas: updating and training regulations, drafting processes, managing documents, and working with related departments. Having been working at CSVC since 2013, thanks to social media, I learned that CSVC is a multicultural company with parent companies that are the world’s leading companies in the steel industry, so I decided to apply. In order to excel in my role, I always strive to maintain organization, focus on planning and time management, and maintain a positive attitude while continuously learning from those around me.”

PHAN QUỐC HÙNG
Annealing & Galvanizing (P3)

“I was in charge of the general manager of the CAL line. The other day, I was introduced by an acquaintance who worked at P8, so I joined the company. When I first started working, I remember most when we worked and ate together as a real family. After many years of working, with the passion for my work and the desire to improve my management ability is the reason why I have maintained my enthusiasm for many years. One secret that has helped me do my job well is to understand each member of the organization and assign the right work to each person so that they can maximize their potential.”



LÊ ANH KHÔI
Quality Control & Quality Assurance (P5)

“My job in short is quality design, testing and evaluating production results and advising customers. In order to do my job well, I always try to allocate my work time properly, ensure the quality and progress of my work and constantly study to improve my knowledge and professional skills. The happiest thing about working at CSVC is that most of my colleagues are in the same age as me, so it is easy to share with each other and support each other at work. Although I worked for many years at CSVC, the work never gets “old”.”



NGUYỄN HUỖNH MỸ PHONG
Utility (P8)

“I am in charge of managing, supervising operations, planning repairs and operating machines and equipment. The most memorable are the times when it rained to reopen electricity for the whole factory because at that time, CSVC had 5 small substations to supply electricity to contractors during construction and often suffered power outages. To do my job well, I always take notes on assigned tasks and prioritize each task, trying to complete tasks on time. For me, many years of working are largely due to the attention of management and policies for employees.”



PICTURES OF EMPLOYEES

10 years

“ Pictures of employees
having 10 years
working at CSVC ”

SALES DEPARTMENT #1 (C1)



CHÂU THỊ HỒNG DUYÊN



TRẦN TRUNG HIẾU

PRESSURE
makes



ELECTRICAL STEEL & FINISHING DEPARTMENT (P4)



PHẠM VĂN ĐÀN



LÊ QUANG TỶ



NGUYỄN QUANG VIỆN



NGUYỄN TẤN DŨNG



PHẠM NGỌC TUẤN



HÀ CÔNG LỘC



TRẦN HỮU QUANG



NGUYỄN HUỆ



NGUYỄN ĐÌNH TOÀN



NGUYỄN THANH TÂM



PHAN MINH TÂM



LÊ VĂN TRUNG



VÕ MINH HỐI



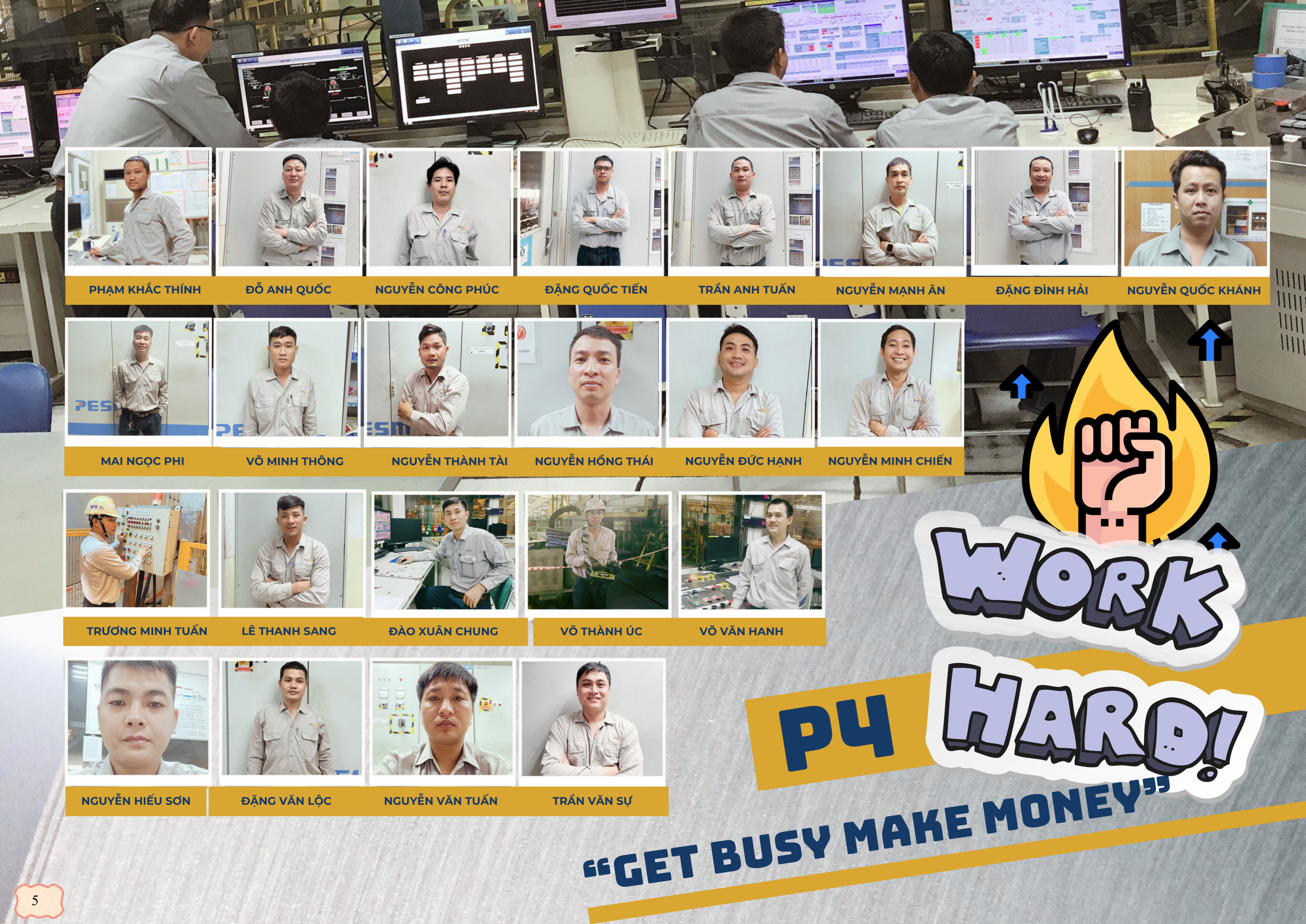
BÙI THANH TÂN



NGUYỄN NGỌC THÀNH



NGUYỄN NGỌC TIẾN



PHẠM KHẮC THỊNH



ĐỖ ANH QUỐC



NGUYỄN CÔNG PHÚC



ĐẶNG QUỐC TIẾN



TRẦN ANH TUẤN



NGUYỄN MẠNH ÂN



ĐẶNG ĐÌNH HẢI



NGUYỄN QUỐC KHÁNH



MAI NGỌC PHI



VÕ MINH THÔNG



NGUYỄN THÀNH TÀI



NGUYỄN HỒNG THÁI



NGUYỄN ĐỨC HẠNH



NGUYỄN MINH CHIẾN



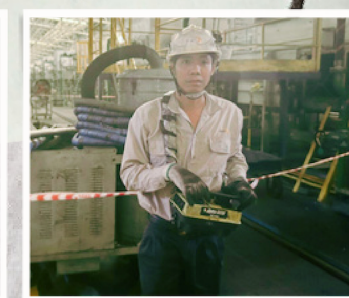
TRƯƠNG MINH TUẤN



LÊ THANH SANG



ĐÀO XUÂN CHUNG



VÕ THÀNH ÚC



VÕ VĂN HẠNH



NGUYỄN HIẾU SƠN



ĐẶNG VĂN LỘC



NGUYỄN VĂN TUẤN



TRẦN VĂN SỰ



WORK

HARD!

“GET BUSY MAKE MONEY”

"ACE" Combat CLIMATE CHANGE

Mangroves

Despite occupying only 0.1% of the planet's surface area, mangroves have unbeatable carbon storage, sequestering or storing 10 times more than most other forests in the world.

Mangroves, also called mangrove swamps or mangals, are biomes made up of mangrove plants found in tropical and subtropical tidal areas.



According to The Center for International Forestry Research (CIFOR), "mangroves are one of the most carbon-rich biomes in the tropics, containing an average of 1023 mg of carbon per hectare. Soils rich in organic matter are distributed at depths between 0.5m and 3m below ground level and account for 49-98% of carbon stocks in these ecosystems."

While terrestrial forests store most of the carbon on the ground, mangroves accumulate huge carbon reserves, not only terrestrial biomass but also very high amounts of subterranean biomass.

10 times

Mangroves and other blue carbon ecosystems can sequester 10 times more carbon than boreal, temperate or tropical forest

Source: Wylie L., Sutton-Grier A., Moore A.



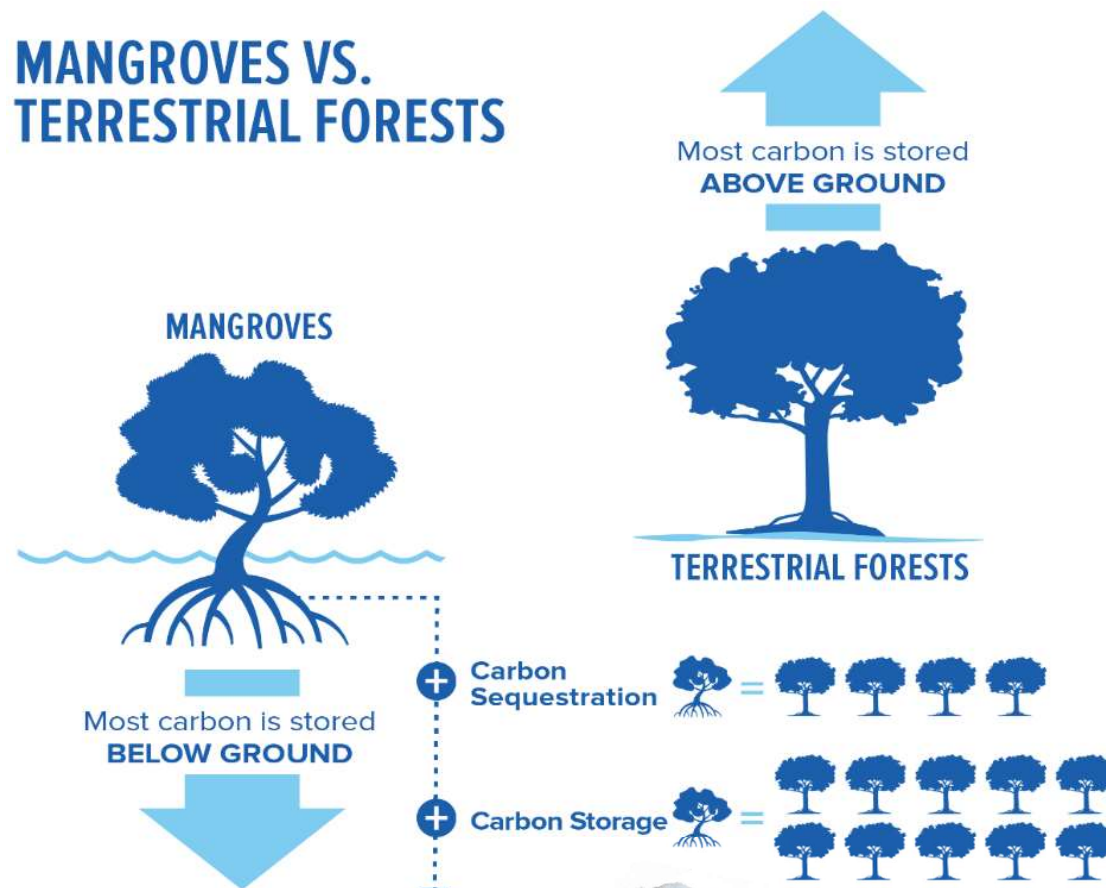
#OceanScienceFact

PCCOS

Pacific Community
Communauté du Pacifique

They are also plants, but some species are superior in carbon storage. Still, it can be said that mangroves are considered "ace" in the strategy to combat climate change, which is taking place strongly and increasingly seriously on a global scale.

MANGROVES VS. TERRESTRIAL FORESTS



Source: Conservation International

Mangrove is a treasure of the earth, but this important ecosystem is under threat.



"Combining our data with other published information, we estimate that mangrove deforestation will emit 0.02 - 0.12 Pg of carbon per year – about 10% of global deforestation emissions even though mangroves account for only about 10% of global deforestation emissions even though mangroves account for only 0.7% of total forest area tropic." (CIFOR)

To explain this, when it comes to planting trees to fight climate change, this is the most important and effective method because trees can cool the air with a photosynthesis mechanism that not only absorbs CO₂ but also can store carbon into the biomass.

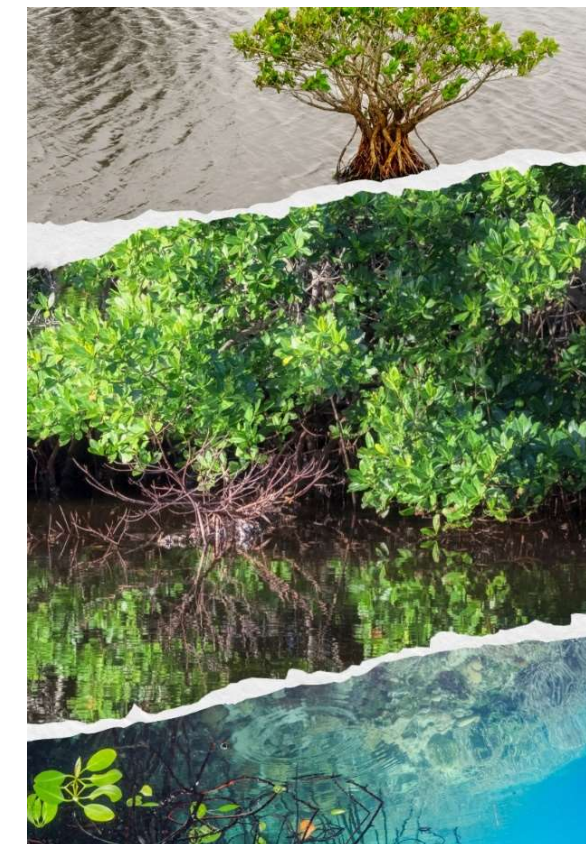
However, because a large amount of carbon is stored or carbon sequestered in roots, stems, branches, and leaves through photosynthesis, when trees die or are mined, huge amounts of carbon are quickly released into the atmosphere more than fossil fuels.

In Vietnam, according to a study by the Department of Macroeconomics and Forecasting, although Vietnam has the second largest mangrove forest area in the world (after mangroves in the mouth of the Amazon River - South America), like many other countries, mangroves in Vietnam are also much destroyed to be used to develop agricultural production and farming aquaculture, making Vietnam severely affected by climate change, especially natural disasters, storms and floods and sea level rise, etc.

Therefore, fundraising campaigns to mobilize individuals to plant and restore mangroves in Vietnam have brought positive results. According to Deputy Minister of Agriculture and Rural Development Nguyen Quoc Tri, Vietnam has restored more than 4,000 hectares of mangroves.

To contribute to the effort to protect not only mangroves but many other forests in Vietnam and the world, you can donate with:

1. **GAIA Nature Conservation Center** with the initiative "Donating a tree is contributing forest";
- ❖ **(VARS) Vietnam Forest Plantation and Restoration Society Company Limited** with the project "Donate a tree to have a forest";
- ❖ The US-based nonprofit environmental organization, **the Rainforest Trust**, focuses on acquiring and protecting tropical lands to strategically conserve threatened species;
- ❖ **The World Wide Fund for Nature** is one of the world's largest non-governmental organizations dedicated to nature protection.





In the atmosphere of the festive season at the end of the year, CSVC employees were “buzzing” when the company announced the year-end party event and welcomed the new lunar year 2024.



This is considered one of the most anticipated events of the year of the company when the employee has the opportunity to “dance” together with exciting performances and prepare to enter a booming and prosperous new year.

YEAR
END
PARTY

Dress up and Let’s have a party

This year unlike every year, on the occasion of the Company’s 10th anniversary, each employee was gifted 1 CSVC T-shirt, so everyone called for each other to wear custom outfits like “we’ll always stick together”.

The image of employees together wearing “CSVC brand T-shirts” has aroused the pride of the company as well as increased the strong bond among the employees.



Buzzing “Check-in”

According to the schedule, the shuttle bus is arranged to transport everyone to the restaurant. The brightly designed and attractive “check-in” area at the lobby gradually becomes more bustling as people gather to take photos. Everyone is excited because not always have the opportunity to take pictures and chat with each other like this!



Members of the Sales Department (C1&C2) took photos



PARTY
STARTS

The lounge restaurant can accommodate nearly 700 people, in which CSVC is honored to welcome guests who are partners and customers who have accompanied the Company for many years.

On this occasion, Mr. Peng, Wei-Yeh, General Director of CSVC on behalf of the Board of Directors acknowledged the contributions of the employee after a hard year and encouraged the spirituality to prepare for a bright new year, *“Only through these difficult times can we fully feel the unity, effort, and dedication to each other's common home. Let's work together to make*

is the beginning of the transformation of CSVC. Not only to turn losses into profits but also to start to reduce carbon and pursue carbon neutrality. And continue to create a safe working environment in CSVC.”



Picture of the security section (M43) wearing “CSVC brand T-shirts”



The event left us with great memories. Thereby, the company has affirmed the spiritual values that CSVC team already has in order to get ready for the new year contributing to building the company stronger and stronger.

Granted CSVC Run Award and Certificate for Excellent TU Member in 2023 by the TU of Industrial Zone

The annual “CSVC Run” organized by the CSVC trade union has found the winner. There were somewhat unexpected new factors appeared.



Plus, the Chairman of TU Mr. Nguyen Ngoc Huy Vu awarded certificates from the TU of IZ to excellent TU members who have made important contributions to the TU’s movement activities in the past year.



“Lucky Draw”-the year of Wood Dragon 2024

At this year Year End Party, CSVC partnered with TU presented 140 gifts with special prize is 3 maces of gold and many kinds of gifts such as

modern products of technology and home appliances to those who are the lucky employees winning the “Lucky Draw”-the year of Wood Dragon 2024.



CSVC presents gifts to people in difficult circumstances on the occasion of the Lunar New Year 2024



Accompanying the locality to bring warm Tet to difficult circumstances, China Steel and Nippon Steel VN JSC annually cooperates with the Red Cross of Phu My town to organize the program “Tết Nhân Ái- Xuân Giáp Thìn 2024”, giving gifts to disadvantaged people to celebrate the Lunar New Year together.

This year, “Tết Nhân Ái – Xuân Giáp Thìn 2024” was held on Jan 30, accordingly, CSVC and the Red Cross visited and presented gifts with a total budget of VND 49,500,000 to 75 disadvantaged households in Tan Hoa commune, Tan Hai commune, Phuoc Hoa ward, Tan Phuoc ward in Phu My town, BR-VT province.

Through this activity, CSVC joins hands to bring warmth to the disadvantaged people in the locality, hoping that its contribution will help society better. The gifts are the heart of the Company as well as calling and promoting the spirit of “mutual love” among the employees on the occasion of Tet.



General Director visits and extends New Year wishes to employees on the last working day of 2023

On the morning of Feb 7 (Dec 28 in the lunar calendar), the last working day of the year 2023, Mr. Peng, Wei-Yeh General Director and Assistant Vice President of Production Division (PAVP) Mr. Lin, Jui-Jung directly visited, encouraged and extended wishes to employees working at production lines.

In the context of steel selling prices rising again, GD Peng also shared that in Jan 2024, the company also made a profit, although not much, but it is a good sign after experiencing 18 consecutive months of losses. On that basis, GD believes that the situation will be even better in the following months and the performance of each subsequent quarter will be better than the previous quarter, accordingly, the welfare of employees will be improved.

At the lines, GD also extended his wishes to employees on duty during the Lunar New Year and highly appreciated the sense of responsibility of employees in ensuring machinery and equipment safe during this period. On this occasion, GD also expressed his desire for employees to constantly learn to improve their skills and professional capacity to contribute to a growing CSVC.



RAISE FIRE SAFETY AWARENESS AND THE FIREFIGHTING EFFORTS OF FIRE FIGHTING TEAM M43

At 7:21 pm on Feb 9 (Dec 30th lunar calendar), there was a fire incident at the expansion area opposite the UA2 wastewater treatment plant.

Smoke and flames were detected by an employee of Security (M43) who was on duty near the fire area. At the same time, around 7:26 pm, an employee of the Utilities Dept. (P8) also noted and informed M43 of the situation.

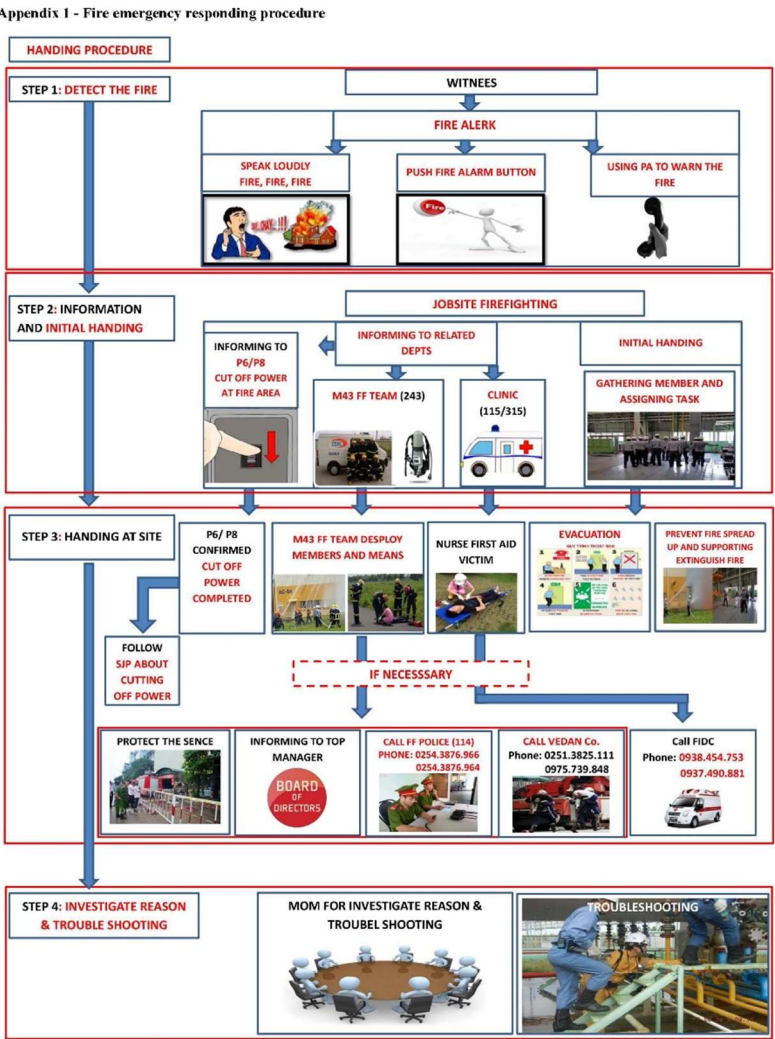
With a sense of urgency, the leader of M43 fire prevention and fighting team (FPFT) immediately reported to the management of M4 and P1 dept. After receiving instructions, the leader called for the assistance of M43 and P82 personnel from the Utilities dept, at the scene to bring the fire under control.

At the same time, the grassroots FPFT contacted the authorities for assistance. The Fire Prevention and Rescue Police (FPFRP) Area 3 under the FPFRP (PC07) of Ba Ria – Vung Tau police with 02 fire trucks arrived at the scene and directly commanded the firefighting. PC07 dispatched 01 more fire engine to

Although only trees and irrigation water pipes at the fire site were damaged, planning for fire protection during the upcoming dry season with hot weather along with raising fire awareness among employee is really necessary!

In the coming time, the Fire Protection Section (P13) will continue to coordinate with relevant departments to organize firefighting drills. At the same time, P13 will plan to install more pipelines in the expansion area, facilitating access to fire protection when necessary; as well as implementing measures to cut and clear trees in the dry season, strengthen training and update special fire situation handling plans.

Regarding CSVC’s fire protection activities in general, to strengthen and raise awareness of employees in fire prevention and fighting, the company actively organizes training courses to equip skills for escape and rescue; be ready for fire fighting when a situation occurs, thereby reminding each employee and department to have a sense of raising and proactively preventing to protect the life and property of the company.



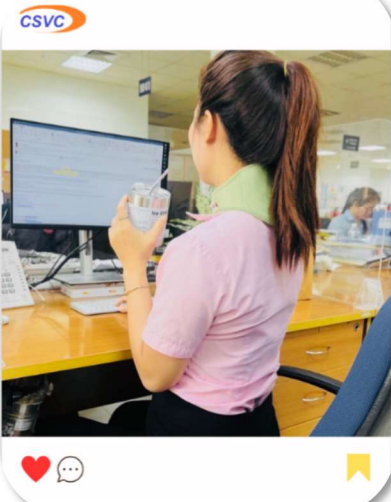
Excerpted in Appendix 1 Regulation FC-P13-007 Rule for Fire Emergency Responding Procedure (v3)



International Women’s Day is an important occasion to celebrate the role, contribution and achievements of women in society.

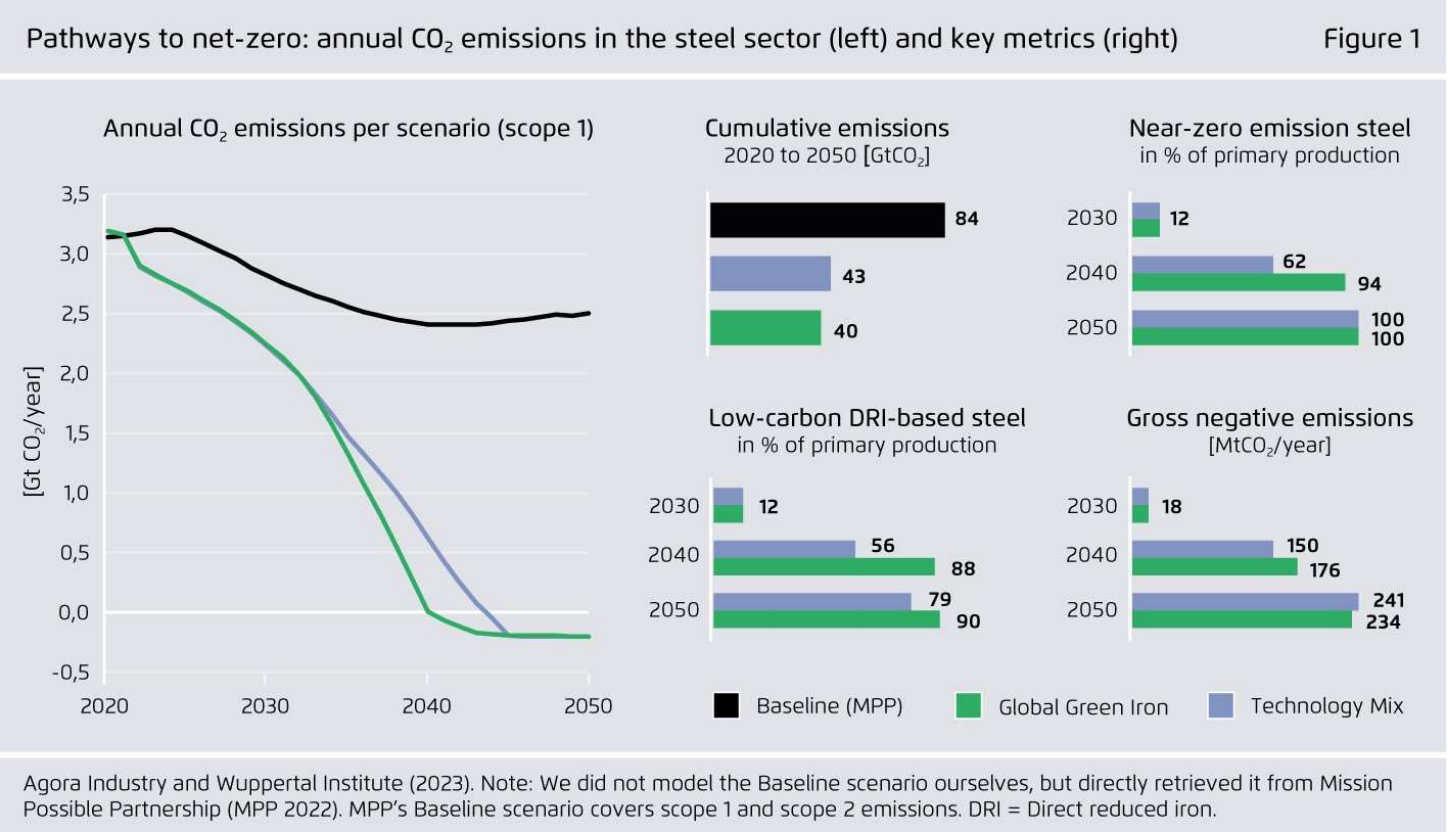
Every year, on this day, the Board of Directors always remembers the relentless efforts of female employees in the company and at the same time, prepares small gifts for them to thank their contributions to the company’s development.

This year, each CSVC female employee receives a herbal hot neck pain relief pad and neck herbal made entirely from traditional herbs. Handy and effective, the gift as a therapy helps relieve neck pain caused by sitting for a long time in one position, relieves stress fatigue, supports health and helps to work more efficiently.





The global steel industry is moving towards carbon neutrality by 2050. Carbon neutralization means having a balance between the amount of greenhouse gases (GHG) emitted and the amount of greenhouse gases absorbed from the atmosphere. *However, according to a report by Agora Industry and the Wuppertal Institute (Germany) in Jun 2023, the global steel industry can accelerate its transition path and feasibility to reach Net-Zero by 2040.*



According to Agora's report, “The core strategies for a fast transition include: the rapid deployment of key technologies; an accelerated coal phase-out in the steel sector; the development of green iron trade and bioenergy carbon capture and storage (BECCS); measures to address key bottlenecks; the establishment of an adequate regulatory framework; strong international collaboration.”

“There are four key reasons why it is time to remove the hard-to-abate label from steel. First, a set of low-carbon technologies; Second, while the costs for near-zero emission steelmaking are projected to be between 30 to 60% higher than conventional coal-based steelmaking without CO₂ costs; Third, the steel sector is one of the best use cases for zero-carbon electricity. Fourth and finally, our scenarios demonstrate that it is technically feasible for the steel sector to reach net-zero GHG emissions by the early 2040s. This would place the steel sector among the ranks of the first sectors to decarbonise globally”, according to the Agora report.

From hard-to-abate to fast-to-abate: how the steel sector's role is changing			Figure 2
	The old narrative: Steel is hard-to-abate because...	The new narrative: Steel can be fast-to-abate because...	
Technology	...the low-carbon technologies are not market-ready	→ ...important key technologies to start the transition are available now and we know key strategies and further promising technologies to get to net zero.	
Cost	...green steel is too expensive	→ ...while green steel can cost up to 30–60% more than conventional steel, in most end products the cost increase is only 1–2%. Smart policies can address the issue of cost.	
Zero-carbon electricity	...will require a lot of zero-carbon electricity	→ ...the steel sector is one of the best use cases for zero-carbon electricity. Both the coal to electricity and the coal to renewable H ₂ fuel switch will provide one of the largest CO ₂ reduction levers per unit of zero-carbon electricity.	
Speed	...will be one of the slowest sectors to decarbonise	→ ...the steel sector can be one of the fastest sectors to reach net zero. If the full acceleration potential is realised a net-zero steel sector by the early 2040s is technically feasible.	

Agora Industry and Wuppertal Institute (2023). Note: Green steel refers to near-zero emissions primary steel. The additional cost range for green steel given here is calculated based on Molten oxide electrolysis (MOE) and renewable H₂-based direct reduction (H₂-DRI-EAF) in the 2030s compared to a coal-based blast furnace – basic oxygen furnace route (BF-BOF) that is not subject to a CO₂ price. These global average costs will vary based on local cost parameters.

In fact, in recent times, roadmaps towards carbon neutrality, some improvements have been announced, including the participation of Nucor Corporation (USA) announcing a new set of climate goals in Nov 2023, China Steel Corporation announcing a decarbonization study executed by Primetals Technologies in Nov 2023, focus on reducing carbon emissions at Kaohsiung, Taiwan; Nippon Steel Corporation verified the world's highest level of CO₂ emissions reduction at 33% by heated hydrogen injection in the Super COURSE50 Test Furnace in Feb 2024, etc.

In Southeast Asia, according to the South East Asia Iron and Steel Institute (SEAISI), the steel industry in the ASEAN-6 group faces many great challenges in achieving the goal of net zero emissions by 2050. In this regard, the AJSI 2024 webinar with the theme “*Achieving carbon neutrality in the steel industry*” was held on Feb 6 within the framework of the ASEAN-Japan Steel Initiative (AJSI), featuring the participation of steel industry stakeholders in ASEAN countries and Japan.

In Vietnam, the level of emissions in steel production is much higher than the world average, which is a significant challenge. Therefore, to contribute to the goal of net zero emissions by 2050, many solutions have been applied in several steelmaking enterprises, besides, the business community in the steel sector plays an important role and is a decisive factor through coordination with the government when implementing the government's policy decrees on legal reduction greenhouse gas emissions, committed to net zero emissions.





In 2020, Hanoi, the ceremony of signing an Emissions Reduction Purchase Agreement (ERPA) to reduce emissions from forests in the north central - TTXVN



In 2021, UK, signing ceremony to transfer 5.15 million tons of CO₂ to reduce emissions from forests in the South Central region and Central Highlands to LEAF/Emergent. - Ministry of Agriculture and Rural Development

VIET NAM TO RECEIVE REAL MONEY FROM CARBON CREDIT SALE

In 2023, Vietnam transferred of 10.3 mil tons of CO₂ to the World Bank, officially selling forest carbon credits for 5 USD/credit, expected to earn 51.5 mil USD (~ 1,200 bil VND) – reported to the Prime Minister by the Ministry of Agriculture and Rural Development (MARD).

The MARD and the International Bank for Reconstruction and Development (IBRD) (part of World Bank) as trustee agency of The Forest Carbon Partnership Facility (FCPF) have signed agreements to pay for the reduction of greenhouse emissions from forests in 6 provinces of the north central: Thanh Hoa, Nghe An, Ha Tinh, Quang Binh, Quang Tri and Thua Thien Hue 2018-2024.

Emissions Reduction Purchase Agreement (ERPA)

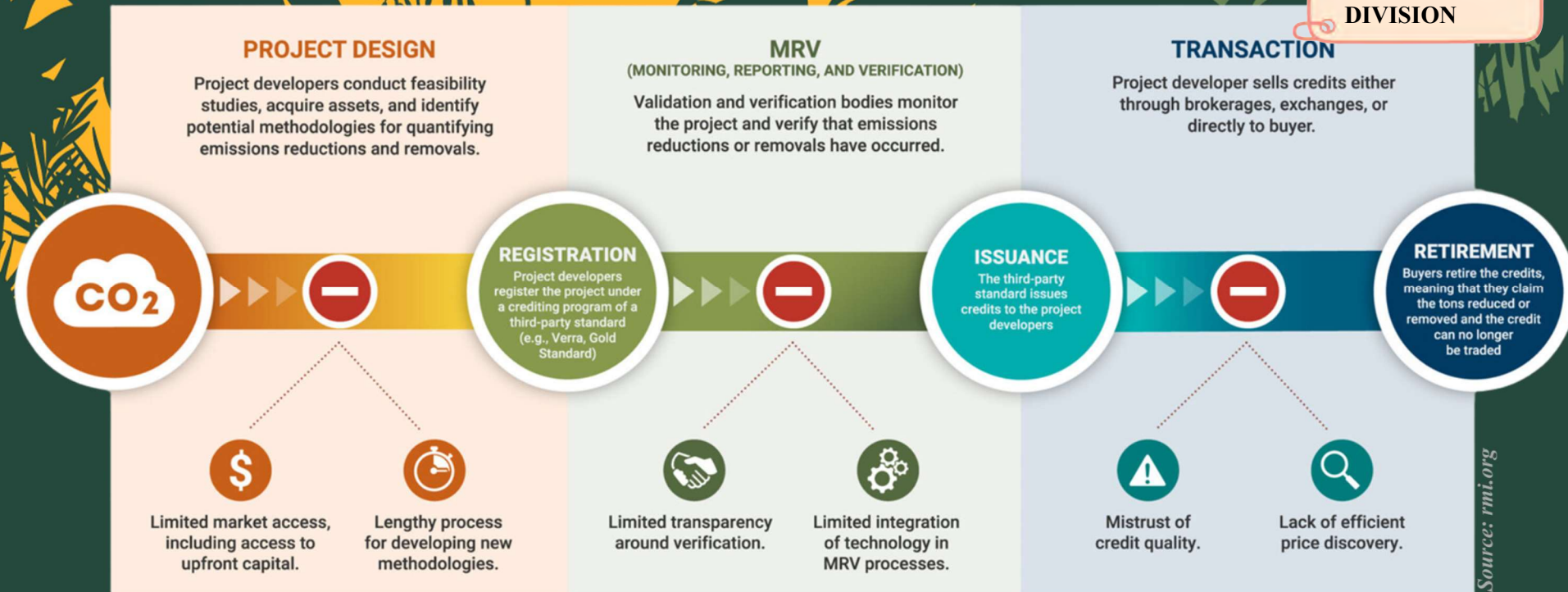
According to MARD's website, in Aug 2023, WB paid the first installment of ERPA to MARD of 41.2 mil USD. The remaining amount of 10.3 million USD will be paid after completing the transfer.

As for the ERPA greenhouse emission payment agreement, it is a legally binding contract that allows a government or business in a developing country to sell verified carbon credits to WB's trust funds.



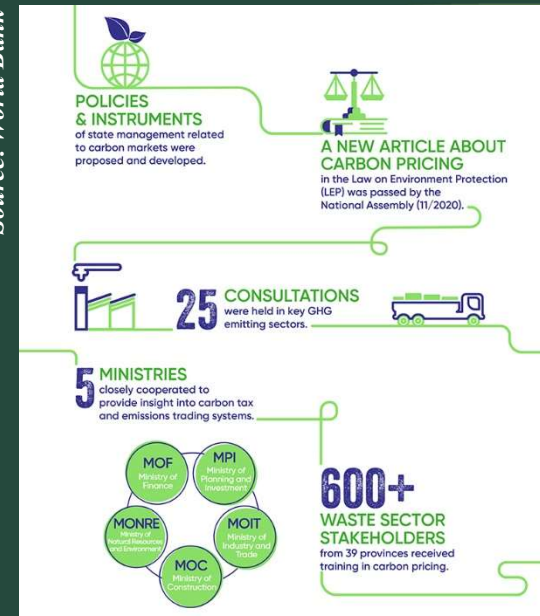
In the world, Mozambique was the first country to receive emission reductions payments to reduce emissions from deforestation and forest degradation. FCPF has paid Mozambique 6.4 mil USD to reduce emissions by 1.28 mil tonnes since 2019, according to [worldbank.org](https://www.worldbank.org).

Madagascar then earned 8.8 mil USD from a reduction of 1.76 mil tonnes of CO₂ in 2020 by selling forest carbon credits under the ERPA agreement and became the third country in Africa (after Mozambique and Ghana) to be paid by the WB.



A carbon credit is a commercially tradable certificate that represents the right to emit an equivalent amount of CO₂ or another amount of greenhouse gases. One credit is equivalent to 1 ton of CO₂ or 1 ton of CO₂ equivalent.

Source: World Bank



CSVC facing the challenge of carbon markets

Bureau Veritas Certification

INDEPENDENT VERIFICATION REPORT

To: The Stakeholders of CHINA STEEL AND NIPPON STEEL VIETNAM JOINT STOCK COMPANY

Introduction and objectives of work

Bureau Veritas Certification Vietnam Limited (Bureau Veritas) has been engaged by CHINA STEEL AND NIPPON STEEL VIETNAM JOINT STOCK COMPANY to provide reasonable assurance over PRODUCT CARBON FOOTPRINT for CHINA STEEL AND NIPPON STEEL VIETNAM JOINT STOCK COMPANY. This Verification Report applies to the related information included within the scope of work described below.

Scope of work

The scope of our work was reasonable to assurance over the following information included within the CHINA STEEL AND NIPPON STEEL VIETNAM JOINT STOCK COMPANY Product Carbon Footprint Report (the Report) published on 25 December 2023.

- Product:
 - Pickled and Oiled Steel Coils (PO)
 - As Cold Rolled Coils (ASCR)
 - Cold Rolled Steel Coils (CR)
 - Hot-Dip Galvanized Steel Coils (CG)
 - Electrical Steel Coils (ES)
- PCR or CFP – PCR (if applicable): Refer EN 15504:2012 + A2:2019/AC:2021
- Functional unit (FU): N/A
- Declared Unit (DU) (if applicable): tons CO₂e/ton of product
- Complete CFP: 06 December 2023
- System boundary (for partial CFP): Cradle to gate
- Assessment period: 01 January 2023 – 30 June 2023

The product life cycle GHG data was verified to be acceptable against the requirements of ISO 14067:2018.

As a result of carrying out the verification of product life cycle GHG emissions, it is the opinion of Bureau Veritas with reasonable assurance that:

Product	Value (tons CO ₂ e/ton of product)
Pickled and Oiled Steel Coils (PO)	2.5400
As Cold Rolled Coils (ASCR)	2.5883

Ref: DV_14067_VN23100592_1 Page 1 of 3

Bureau Veritas Vietnam Office: No. 38/38 Nguyen Van Troi Street, Ward 16, Phu Nhuan District, Ho Chi Minh City, Vietnam

QUIZ

1. What is your daily diet?
A. Vegetarian
B. Little meat
C. Frequent meat
D. Lot of meat

2. Transportation to Work?
A. Motobike
B. Electric car
C. Gasoline car
D. Public transportation

3. Do you often travel by plane?
A. I don't travel by plane
B. I usually take domestic flights
C. I usually take long international flights

5. What do you do in your freetime?
A. Online shopping
B. In store shopping
C. Use social media
D. Watch Netflix

4. What kind of water heater at your home?
A. Solar
B. Electric
C. Use kettle
D. Do not use

ARE YOU
CREATING HIGH
carbon
footprint
?

Carbon footprint is the total amount of greenhouse gases (including carbon dioxide and methane) produced by each of our actions.

So did you know, carbon footprint can be calculated, from there we can monitor our emissions and find ways to reduce it by actively planting trees, limiting, and getting into the habit of turning off electrical appliances when not in use, etc.

INSTRUCTION

To complete the test, compare your answers with the results table and then add up the total amount of CO₂. You'll then see how high or low your carbon footprint is to see how much you're contributing to climate change

RESULTS

- **Under 4 tons:** Great! This is the level of the world's striving to avoid global warming.
- **5 to 11 tons:** Hmm...it's time to consider a greener lifestyle change.
- **Over 11 tons:** Too high! If everyone is like you, it will take more than 5 earths to meet enough resources.

CALCULATING

ton CO ₂ /year	A	B	C	D
Question 1	1,2	3,2	3,3	5,3
Question 2	2	1,95	3,93	0,65
Question 3	0	0,62	4,32	-
Question 4	0,4	1,26	0,05	0
Question 5	0,36	0,03	0,06	13,14

NEXT