

ESG Report

NS BlueScope Vietnam, 2023







Social

Governance



In line with our sustainability strategy, our ESG framework is well structured under Responsible Steel principles where

Environmental focuses are on:



Climate change issues:

- Carbon emissions
- Product carbon footprint
- Financing environmental impact
- Climate change vulnerability

Natural capital issues:

- Water sourcing
- Biodiversity and land use
- Raw material sourcing

The pollution and waste category:

- Toxic emissions and waste
- Packaging material and waste
- Electronic waste

Environmental opportunities:

- Clean technology
- Green building
- Renewable energy



In line with our sustainability strategy, our ESG framework is well structured under Responsible Steel principles where **Social** focuses are on:



Human capital issues:

- How labor is managed
- Health and safety practices and protocols
- Worker training
- Supply chain labor standards

Product liability areas of focus:

- Product safety and quality
- Chemical safety
- Consumer financial protection
- Privacy and data security
- Responsible investing
- Insuring health and demographic risk

Stakeholder opposition:

- Controversial sourcing
- Community relations

Social opportunities:

- Access to communication
- Access to finance
- Access to healthcare
- Opportunities in nutrition and health



In line with our sustainability strategy, our ESG framework is well structured under Responsible Steel principles where **Governance** focuses are on:



Corporate governance:

- Composition of the board in terms of diversity and independence
- Executive compensation
- Ownership
- Accounting practices
- Responsible sourcing
- ESG management system

Corporate behavior:

- Business ethics
- Tax transparency
- Decommissioning & closure



A framework based on Our Bond

Our Bond expresses BlueScope's commitment to care for the environment as a matter of principle. The framework supporting Our Bond consists of:

- BlueScope Health, Safety, Environment & Community (HSEC) Policy;
- BlueScope Environment Principles;
- BlueScope Health, Safety and Environment (HSE) Standards; and
- Procedures and guidelines.

Our HSEC Policy states that we are committed to the efficient use of resources, preventing pollution, and reducing the environmental impact of our operations and products.

Our Environment Principles consist of:

- Environmental performance and improvement is a management responsibility.
- All employees must adhere to environmental policies and procedures.
- Report, investigate and correct all environmental incidents.
- Training all employees to raise awareness is essential.
- Honest, open, and timely communication is essential.

BlueScope's HSE Standards define the requirements for the development, implementation and maintenance of Environmental Management Systems across the Company. There are 14 HSE Standards covering elements such as leadership, risk management, legal compliance, emergency management, training, communication, incident management and performance measurement.







01. Climate Action Report

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About this report

This is BlueScope's first Climate Action Report ('Report') and outlines our strategic direction and performance of the consolidated entity ('BlueScope' or 'the Group'), consisting of BlueScope Steel Limited ('the Company') and its controlled entities. In this Report, the terms 'BlueScope', 'Group', 'our operations', 'organisation', 'we', 'us', 'our' and 'ourselves' refer to BlueScope Steel Limited and its controlled entities.

This Report outlines our strategic approach to managing climate-related risks and how we plan to achieve our pathway to decarbonisation.

Within the broader strategy, sections of the Report align to the recommendations made by the Task Force on Climate-related Financial Disclosures (TCFD) and the four thematic areas of the TCFD: Governance, Strategy, Risk Management, and Metrics and Targets.

Following publication of this Report in September 2021, BlueScope will release its FY2021 Sustainability Data Supplement, which includes definitions and the data collection and reporting processes that accompany the metrics included in this Report. Our FY2021 Sustainability Data Supplement will be available on our website along with our FY2021 Sustainability Report and Annual Report.

Historically we disclosed climate-related content in our annual sustainability reports. The latest report, released in September 2020, and an archive of our historical reports is available on our website. Our reporting metrics are consistent with the Global Reporting Initiative (GRI) Standards and the Sustainability Accounting Standards Board (SASB) Industry Standard for Iron and Steel Producers.

This Report reflects our views as of September 2021. Unless otherwise stated, all data is reported utilising the equity share approach of the Greenhouse Gas Protocol: Corporate Accounting and Reporting Standard, 30 June year end and in Australian dollars.

BlueScope has Interests in a number of Joint ventures (JVs). The most substantial are in partnership across ASEAN and the west coast of North America with Nippon Steel Corporation (NS BlueScope Coated Products) and in India with Tata Steel (Tata BlueScope Steel). Consistent with our reporting approach, the GHG emission data for these Joint ventures are reported on an equity share basis.

BlueScope endeavours to ensure the data in this Report is as accurate and up to date as possible to enable stakeholders to understand our performance and compare it to prior periods. Where appropriate, historical data have been restated to present data on a consistent and comparable basis and an explanation is provided. We have not sought external assurance over disclosures in this Report.

FORWARD LOOKING STATEMENTS

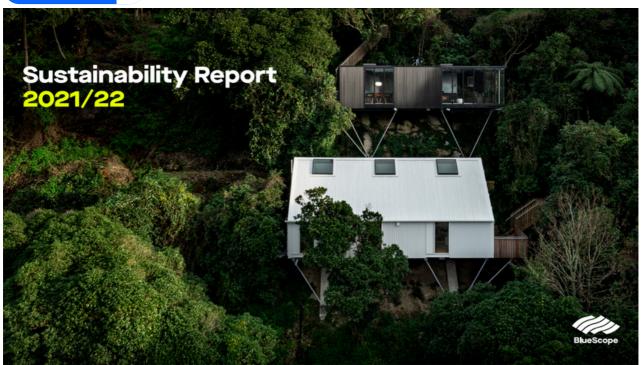
This report contains certain forward-looking statements, which can be identified by the use of forward-looking terminology such as "may", "will", "should", "expect", "intend", "anticipate", "estimate", "continue", "assume", "project" or "forecast" or the negative thereof or comparable terminology. This report has also utilised publicly available third-party information and forward-looking statements, for example, forecasts from the International Energy Agency (IEA) were utilised in the development of the scenario analysis. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance and achievements, or industry results, to be materially different from any future results, performances or achievements, or industry results expressed or implied by such forward-looking statements.

Forward looking statements should be read in the context of such risks, uncertainties and other factors. Accordingly, this report should not be relied upon as a recommendation or forecast by BlueScope, its related or controlled entities or officers, directors, employees or agents (BlueScope entities), and the BlueScope entities disclaim any liability whatsoever (including for negligence) for any loss howsoever arising from any use of this Report or reliance on anything contained in or omitted from it or otherwise arising in connection with this.

The BlueScope entities further disclaim any duty or undertaking, except to the extent required by law or the Listing Rules of the Australian Securities Exchange, to release publicly any updates to any forward-looking statement contained herein to reflect changes to relevant risks, uncertainties or other factors, and/or the BlueScope entities' understanding of them.

02. Sustainability Report





03. Air Emission Test Report

Download to see yearly report:













04. BlueScope's Commitment to Biodiversity

Biodiversity encompasses all living things, from human beings to micro-organisms and the habitats in which they live, and it also includes the genetic material within individual species. There are three main goals established under the Convention of Biological Diversity, these are the conservation of biological diversity, the sustainable use of its components, and the fair and equitable sharing of the benefits from the use of genetic resources.

BlueScope recognizes that we have both an impact to and a dependence on biodiversity, through our business operations and use of ecosystem services.

BlueScope is committed to several mitigation measures including:

- Avoiding impact to Biodiversity by including this consideration in the design of new or modifications to existing operations
- Minimize impacts by substituting existing decisions or activities with alternatives that are designed to reduce or limit the undesirable impacts of a proposed activity on biodiversity
- Rehabilitate or restore the affected environment
- Offset the biodiversity impact by implementing measures to compensate for affected biodiversity values. The compensatory measure may include a combination of direct offsets or other compensatory measures.

We are critically dependent on resilient ecosystems. The loss of or reduction in the quality of our planet's biodiversity will not only impact on our operations, but will also have an impact on our communities, our shareholders and our people

05. NS BlueScope Vietnam Carbon Neutrality Roadmap in 2050



PHU MY ENERGY SAVING PLAN - SUMMARY









Actions by phase

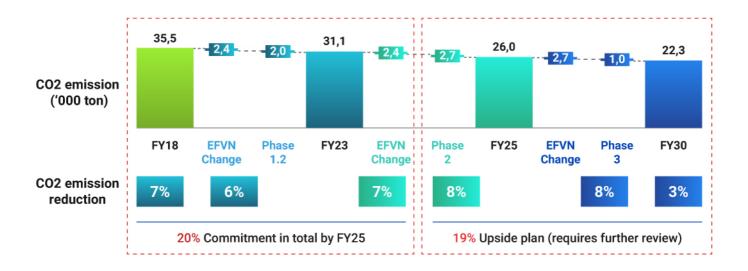
- 1.1 Improve OEE, changed LED lighting, Inverter (FY13 until FY18)
- 1.2 Optimize temperature set up & process (FY18 until FY23)



2. Solar Rooftop installation OPEX



3. HATCH study and proposal on new technology and equipment



PHU MY ENERGY SAVING PLAN DETAILS BY PHASES

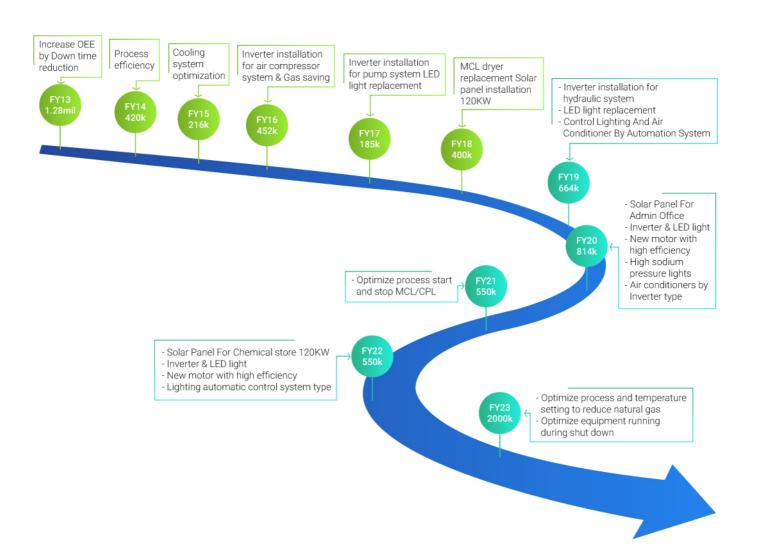




PHASE 1.2 ACTION UPDATED (FY19 UNTIL FY23)



PHASE 1.1 ACTION UPDATED (FY13 UNTIL FY18)



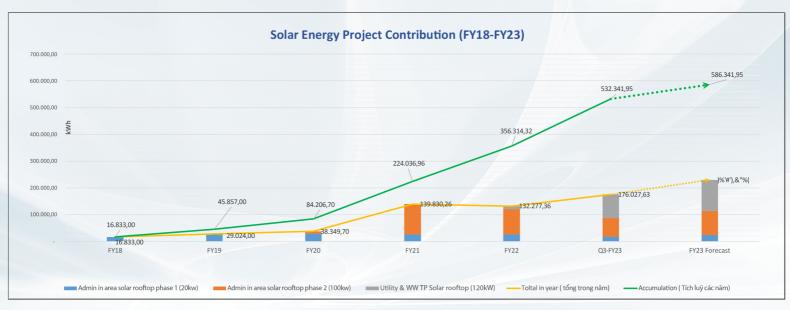
Total Phase 1.1: we have reduced 03 mil Kgs CO2 (~9% CO2 emission reduction)

Total Phase 1.2: we have reduced 6% carbon intensity

PHU MY SITE RENEWABLE ENERGY CONTRIBUTION FY18 - FY23

(THỐNG KÊ MỰC ĐÓNG GÓP CỦA CÁC DỰ ÁN NĂNG LƯỢNG TÁI TẠO NHÀ MÁY PHÚ MỸ GIAI ĐOẠN FY18-FY23)

Project/Dự án năng lượng tái tạo	FY18	FY19	FY20	FY21	FY22	Q3-FY23	FY23 Forecast
Admin area solar rooftop phape 1 (20kw)	16,833.00	29,024.00	28,847.00	26,957.00	26,142.00	17,841.00	23,841.00
Admin area solar rooftop phape 2 (100kw)	-	-	9,502.70	112,873.26	94,906.36	69,417.63	90,417.63
Utility & WWTP Solar rooftop (120kW)	-	-	_	-	11,229.00	88,769.00	115,769.00
Total in year (tổng trong năm)	16,833.00	29,024.00	38,349.70	139,830.26	132,277.36	176,027.63	230,027.63
Total in year (tổng trong năm)	16,833.00	45,857.00	84,206.70	224,036.96	356,314.32	532,341.95	586,341.95



BÁO CÁO THỐNG KÊ PHÁT THẢI KHÍ NHÀ KÍNH THEO NĂM (ANNUAL GHG EMISSION REPORT)

NHÀ MÁY PHÚ MỸ

Scope	FY18	FY19	FY20	FY21	FY22	FY23
Scope 1 (tCO2e)	12,361.74	12,089.16	11,176.99	14,102.87	12,660.89	7,983.93
Scope 2 (tCO2e)	23,164.82	21,615.26	19,887.81	17,870.53	17,588.91	10,317.36
Scope 3 (tCO2e)	*	*	*	*	*	*
Total (tCO2e)	35,526.56	33,704.42	31,064.80	31,973.40	30,249.80	18,301.29
Legend/chú thích: *	To be monitored in FY25	5/Sẽ được theo dõi trong i	năm TC25			

Biểu đồ theo dõi lượng phát thải khí nhà kính theo năm tài chính 40.000,00 35.526,56 33.704.42 31.973,40 31.064,80 30.000,00 25.000,00 23.164,82 21.615,26 19.877.81 18.301,29 20.000.00 17.870,53 17.588.91 14.102.87 15.000.00 12,660.89 12.361.74 12.089,16 11.176.99 10.317,36 10.000.00 7.983,93 5.000.00

FY2022

FY2023

0,00

FY2018

06. Water Stewardship for healthy waterways

Although Phu My site locates inside designated industrial zone in Ba Ria Vung Tau province where water scarce is not a critical issue however, we are committed to sustainable site water management, as well as contributing to broader efforts within our catchment, and our region. We also have a storm water tanks onsite where the water is recycled and used for partly operating the plant and domestic use.

The site Water Stewardship Project uses the Water Stewardship International Water Stewardship Standard as a tool for businesses and land managers that use water to address the shared and site-specific challenges of the catchment.

Water Stewardship is intended to achieve four outcomes:

- 1. Sustainable water balance (the quantity of water available)
- 2. Good water quality
- 3. Healthy ecosystems
- 4. Good water governance.





Treated Waste Water Test Report













Fresh Waste Quality Test Report









YEARLY TREATED WASTE WATER QUALITY REPORT (ANNUAL GHG EMISSION REPORT)

Stt	Chỉ tiêu	Đơn vị	QCVN 40:2011/BTNMT	Kết Quả Thử Nghiệm (Test Result)					
Stt	Cili tieu	DOI! VI	(Loại B)	2017	2018	2019	2020	2021	2022
1	рН		9	7,0000	7,4000	6,7000	7,3000	7,2000	7,9000
2	Chất rắn lơ lửng (TSS)	mg/l	100	6,0000	6,6000	7,6000	7,0000	7,0000	7,0000
3	COD	mg/l	150	36,0000	117,0000	77,0000	58,0000	102,0000	30,0000
4	BOD ₅	mg/l	50	15,0000	26,0000	15,0000	15,0000	28,0000	3,0000
5	CN ⁻	mg/l	0,1	0,0014	0,0050	0,0260	0,0080	0,0170	0,0080
6	Hydro sunfua (H ₂ S)	mg/l	0,5	0,0400	0,0400	0,0400	0,1200	0,1200	0,1200
7	Tổng sắt	mg/l	5	0,0500	0,2200	0,2000	0,1120	0,1000	0,1380
8	Tổng nitơ	mg/l	40	8,6900	4,4800	4,3200	3,6400	3,5000	10,0000
9	Nitơ dạng amoni (N-NH ₄)	mg/l	10	2,0500	0,3900	1,1200	0,3000	0,3000	1,0000
10	Tổng photpho	mg/l	6	0,0190	0,1300	0,1200	0,1700	0,1100	0,0600
11	Asen	mg/l	0,1	0,0050	0,0050	0,0100	0,0100	0,0100	0,0100
12	Cadimi	mg/l	0,1	0,0020	0,0020	0,0023	0,0023	0,0023	0,0023
13	Chì	mg/l	0,5	0,0100	0,0100	0,0100	0,0100	0,0100	0,0100
14	Kẽm	mg/l	3	0,0500	0,0500	0,0500	0,0570	0,0500	0,0500
15	Dầu mỡ khoáng	mg/l	10	0,5000	0,3000	1,0000	1,1000	0,8000	0,3000
16	Tổng coliform	MPN/100ml	5000	3,0000	3,0000	3,0000	3,0000	3,0000	3,0000
17	Crom (VI)	mg/l	0,1	0,0200	0,0510	0,0100	0,0100	0,0100	0,0100
18	Crom (III)	mg/l	1	0,0500	0,0500	0,0500	0,0500	0,0500	0,0500
19	Thủy ngân	mg/l	0,01	0,0010	0,0010	0,0010	0,0010	0,0010	0,0010

Xanh: Trong ngưỡng cho phép (baseline)

Đỏ: Vượt ngưỡng cho phép (baseline)







VIETNAM COMMUNITY FRAMEWORK





We create and inspire smart solution in steel to streng then our communities or the future.



We Lead, Create and Inspire community through Sustainability and CSR platforms so to be perceived as innovative and responsible brands

Strengthen Corporate community





Communit capability building activities

LEAD the Sustainability ideas in Steel indusstry

Strengthen Retail community

BlueScope Zacs

DOI DOI*

CSR platform

CUSTOMER Forum Online & Offline

CREATE "Joined Platform" across retail value chain

Strengthen Project community







FORUM" Online &

program

INSPIRE the business community to act responsibly









OUR HEALTH, SAFETY, ENVIRONMENT AND COMMUNITY (HSEC) POLICY

AT BLUESCOPE OUR CARE AND COMMITMENT TO HEALTH, SAFETY, ENVIRONMENT AND COMMUNITY IS INTEGRAL TO THE WAY WE DO BUSINESS AND STARTS WITH EACH ONE OF US.

We are committed to:

HEALTH, SAFETY AND ENVIRONMENT

- Fostering an inclusive workplace culture that values and invites a diversity
 of people and perspectives, and which extends to our customers, contractors,
 suppliers, and communities
- Providing safe and healthy working conditions to enhance wellbeing and prevent work related injuries, ill health, harm to the environment and our communities
- Applying practical, effective controls to eliminate hazards and reduce risks associated with our workplaces, products and services
- · Striving for our goal of no serious injuries or ill-health
- The efficient use of resources, preventing pollution, and reducing the negative environmental impact of our operations, products and services

COMMUNITY

- Respecting the values and cultural heritage of our communities
- Being a valued corporate citizen, actively engaged in inclusive partnerships with our communities to provide employment, social and economic benefits

OUR ACTIONS

To meet our HSEC commitments we will:

- Foster an environment of care and support for our health and wellbeing
- Be visible leaders across our teams, actively consulting with and seeking participation from our employees and internal and external stakeholders
- Clearly define, articulate and meet our HSEC responsibilities and accountabilities
- Align HSEC activities with business strategies and risk profiles whilst setting, monitoring and reporting on associated objectives and targets
- Provide appropriate HSEC information and training, develop our capability and decision-making abilities whilst fostering an environment of learning
- Continually improve our HSEC performance and supporting management systems, taking into account HSEC risks and opportunities and applying governance programs to assure the effectiveness of risk control measures
- · Comply with legal and other business requirements

Mark Vassella, Managing Director and CEO

BSL-MS-P-01 Revision: 6 Issued: June 2019



We aspire for Zero Harm











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STATEMENT ON HUMAN RIGHTS

BLUESCOPE IS COMMITTED TO RESPECTING HUMAN RIGHTS IN ALL OF THE COUNTRIES WHERE WE OPERATE. WE BELIEVE THAT ALL PEOPLE SHOULD BE TREATED WITH DIGNITY AND RESPECT, AND WE ARE WORKING TO ENSURE OUR BUSINESS ACTIVITIES AND PRACTICES ARE ALIGNED WITH THE UN GUIDING PRINCIPLES ON BUSINESS AND HUMAN RIGHTS.

We are guided by 'Our Bond', a written expression of our values and principles that also reflects the importance of our customers, suppliers, our people, our shareholders and the communities in which we operate. Our Bond guides our actions and decisions and supports us in choosing to do what is right. We have a Guide to Business Conduct which outlines expected behaviours in the market place and key personnel are regularly educated regarding those expectations.

Our commitment to human rights includes the following commitments.

OUR PEOPLE

 We believe that employees must be treated fairly and without discrimination. All employees in BlueScope have the right to choose to be represented by an employee association and are free to exercise this right.

OUR WORKPLACE

• We believe that equality of opportunity is an essential ingredient of a respectful workplace and to that end we are actively working to improve our gender diversity. We have an absolute commitment to delivering a zero harm workplace for our employees and for the suppliers, contractors and customers who chose to work with us.

OUR COMMUNITIES

 We respect the human rights of the communities in which we operate, and meet regularly with our local communities to ensure our relationships remain strong and their voices are clearly heard. We recognise the rights of Indigenous peoples in all jurisdictions in which we operate.

OUR SUPPLIERS

 We seek to engage suppliers who hold values similar to those expressed in Our Bond and this Statement on Human Rights. We support the elimination of all forms of forced or compulsory labour and the abolition of child labour and require our suppliers to do the same.

A whistleblower hotline is readily accessible on our website and open to all of our stakeholders if questionable conduct is observed or suspected. We have policies and processes in place to ensure grievances can be addressed sensitively and without fear of repercussion.

The Board, through its Risk and Sustainability Committee, maintains oversight of all sustainability issues including human rights to ensure our expectations as defined by the values expressed in Our Bond are realised wherever we operate.

MARK VASSELLA Managing Director & CEO February 2018

02.BlueScope HSEC Policy

Chính sách Toàn cầu

Chính sách Sức khỏe, An toàn, Môi trường và Cộng đồng (HSEC-Health, Safety, Environment and Community) của chúng tôi



Tại BlueScope, sự quan tâm và cam kết của chúng tôi đối với sức khỏe, an toàn, môi trường và cộng đồng là phần không thể thiếu đối với cách thức chúng tôi kinh doanh vàbắt đầu với mỗi cá nhân chúng tôi.

Để hỗ trợ đối với Mục đích và Mong muốn của Chúng tôi và phù hợp với Quy tắc Ứng xử 'Cách thức Chúng tôi Làm việc', chúng tôi cam kết:

Sức khỏe, an toàn và môi trường

- Tạo điều kiện thuận lợi cho văn hóa làm việc hòa nhập, coi trọng và mời gọi sự đa dạng của mọi người và quan điểm, và mở rộng đến khách hàng, nhà thầu, nhà cung cấp và các cộng đồng của chúng tôi
- Cung cấp các điều kiện làm việc an toàn và không có hại đến sức khỏe để tăng cường an sinh và ngăn ngừa thương tật liên quan đến công việc, sức khỏe kém, gây hại cho môi trường và các cộng đồng của chúng tôi
- Áp dụng các biện pháp kiểm soát thiết thực, có hiệu quả để loại bỏ các mối nguy hiểm và giảm thiểu rủi ro liên quan đến nơi làm việc, sản phẩm và dịch vụ của chúng tôi
- Phán đấu đạt mục tiêu của chúng tôi là không xảy ra thương tật nghiêm trọng hoặc sức khỏe kém
- Sử dụng hiệu quả nguồn nhân vật lực, ngăn ngừa ô nhiễm và giảm tác động tiêu cực đến môi trường của các hoạt động, sản phẩm và dịch vụ của chúng tôi.

Cộng đồng

- Tôn trọng các giá trị và di sản văn hóa của các cộng đồng của chúng tôi
- Là công dân công ty được coi trọng, tích cực tham gia vào các mối quan hệ đối tác hòa nhập với cộng đồng của chúng tôi để cung cấp việc làm, lợi ích về mặt xã hội và kinh tế

Các hành động của chúng tôi

Để đáp ứng các cam kết HSEC của chúng tôi, chúng tôi sẽ:

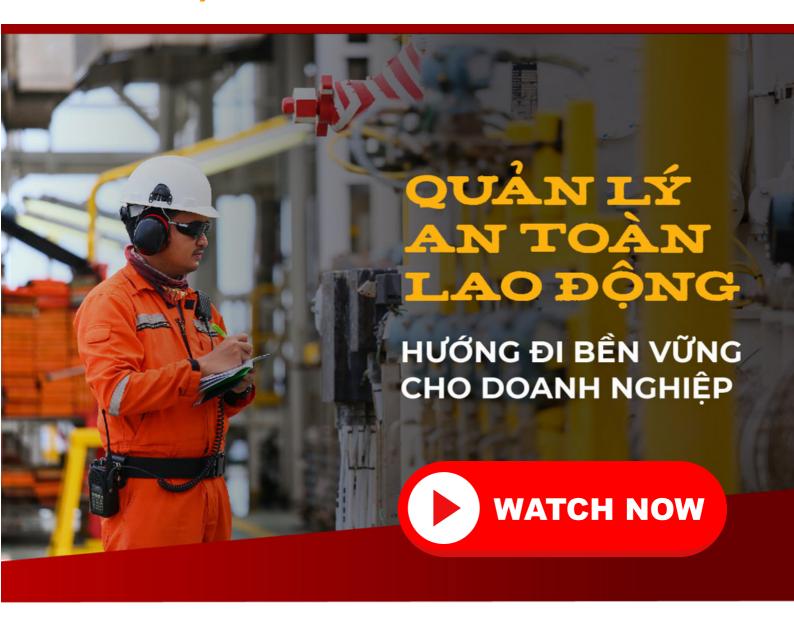
- Tạo điều kiện để co môi trường thân ái và hỗ trợ cho sức khỏe và an sinh của chúng tôi
- Trở thành nhà lãnh đạo rõ rệt trong các nhóm của chúng tôi, tích cực tham khảo ý kiến và yêu cầu nhân viên của chúng tôi và các bên liên quan trong nội bộ và bên ngoài đóng góp ý kiến
- Xác định rõ ràng, truyền đạt rõ ràng và đáp ứng các trách nhiệm và trách nhiệm giải trình HSEC của chúng tôi
- Sắp xếp các hoạt động HSEC với chiến lược kinh doanh và các hồ sơ về rủi ro trong khi thiết lập, giám sát và báo cáo về các mục tiêu và mục đích liên quan
- Cung cấp thông tin và khóa đào tạo HSEC phù hợp, phát triển năng lực và khả năng đưa ra quyết định của chúng tôi trong khi tạo điều kiện thuận lợi cho môi trường học tập
- Liên tục cải thiện hiệu năng và hỗ trợ các hệ thống quản lý HSEC của chúng tôi, xét đến các rủi ro và cơ hội của HSEC và áp dụng các chương trình quản trị để đảm bảo hiệu quả của các biện pháp kiểm soát rủi ro
- Tuân thủ các yêu cầu pháp lý và các yêu cầu khác về kinh doanh

Chúng tôi xem trọng sự hòa nhập và khuyến khích cùng chia sẻ ý kiến và phản hồi của mọi người. Chúng tôi cũng cam kết thúc đấy văn hóa lên tiếng khi có bất cứ điều gì không đúng.

Our Purpose Our Bond

SpeakUpi)

03. Safety Performance











Mar 22I OHSE NEW

Feb 22I OHSE New

OHSE Standard Setup for Customer Factory



VOICE OF EMPLOYEES 8:07





Nov.22| OHSE New

ade cas sy check

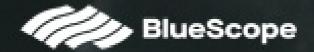




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NS BLUESCOPE- OHSE NEWS (JULY.21) 2

NS BLUESCOPE- OHSE NEWS (JULY 21



ESG

Governance

01. Responsible Sourcing Policy



Global Policy

Responsible Sourcing Policy



BlueScope is committed to sustainable sourcing practices, seeking products and services that are produced responsibly and that create long-term environmental, social and economic value for all stakeholders. Our approach is to foster responsible business practices and uphold human rights through supplier engagement and collaboration, risk assessment and continuous improvement.

02. Supplier Code of Conduct





Global Policy

Supplier Code of Conduct



This Code of Conduct sets out BlueScope's minimum standards for suppliers. We expect our suppliers to meet the expectations in this Code themselves and to share these expectations with their own suppliers so that they are communicated through the supply chain.

03. BlueScope Guide To Business Conduct

DOWNLOAD NOW

C



How We Work

When we choose to do the right thing, we strengthen and protect one another, our communities and our business.



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Does it feel right? Quick Test	
duick lest	•

Speak Up

01 We are committed to health and safety

Maintain safe and healthy workplaces
Act on health and safety incidents,
risks and opportunities

O2 We treat people with dignity and respect

Create diverse, inclusive and respectful workplaces	14
	16
Respect human rights	1

03 We respect our communities and the environment

Strengthen our communities	
Be proactive in protecting	
the environment	

04 We protect our business

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Compete fairly, ethically and lawfully	23
Say no to bribery and corruption	25
Take care when appointing third parties	27
Act in the best interests of BlueScope	29
Safeguard BlueScope's intellectual property	31
Use inside information lawfully and responsibly	33
Protect our assets and maintain our records	34
Use technology responsibly	36
Protect personal information	38
Depresent BlueScope in the right way	40

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