



Working together for a Better World



People, Planet, Progress



George Zhu
Chief Executive Officer and Founder

As the global leader in minor metals-based products, Vital Materials understands the full impact and dependencies on the natural world and society.

We continue to progress in sustainable production and consumption, working closely with all stakeholders and taking the lead to anticipate, innovate and adapt to ensure value creation is aligned with a sustainable economy.

Collaboration with our value chains, customers and global communities enable us to harness and deploy new innovations, developing our organisational capability and capacity to deliver positive change.

Our world-class regenerative technologies and circular material flows empower innovators of emerging technologies and new product strategies for a sustainable future.

We lead with shared values in our products, how we produce them, how we treat people and the planet we share.

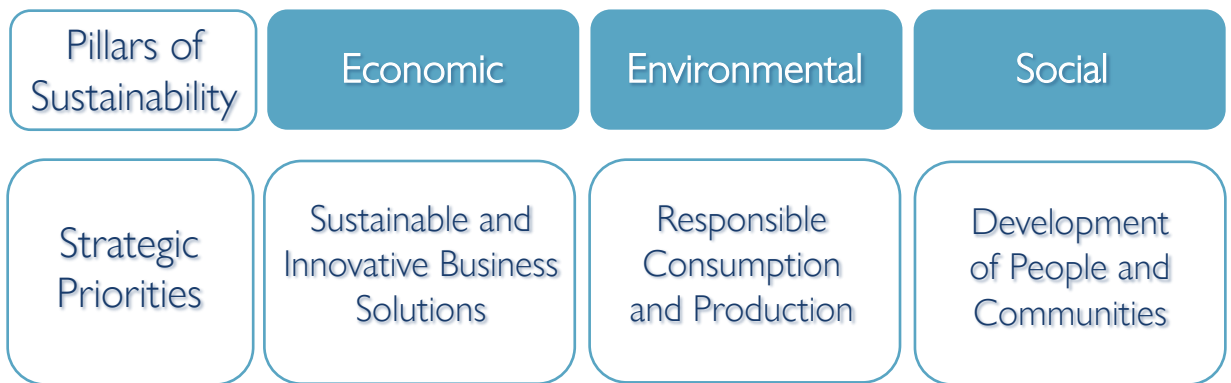
Sustainability at Vital Materials

Sustainability is not an option for Vital Materials. It is a competitive necessity.

As a key driver of our operational efficiency and technological innovation, sustainability is fundamental to how we engage with our stakeholders worldwide, including shareholders, business partners, employees, customers, local and regional communities, governments, suppliers and contractors.

Society is increasingly looking to organisations to embrace a wider responsibility beyond the limits of their own operations. There is an expectation that as the leader in minor metals-based products, Vital Materials is proactive in developing solutions to social and environmental challenges and help deliver a better future for all of us.

Adopting the principles of the United Nations (UN) Global Compact, the 17 UN Sustainable Development Goals (SDG's) were instrumental in defining our strategic priorities.



SUSTAINABLE DEVELOPMENT GOALS



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Sustainable and Innovative Business Solutions

Minor metals have strategic importance for emerging technologies and development of innovative product strategies related to a sustainable future.



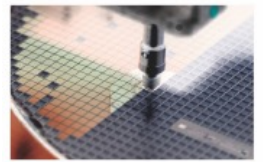
Vital Materials develops, manufactures and recycles minor metals and minor metals-based products for low-carbon and clean-tech companies worldwide including semiconductor, telecoms, thin-film photovoltaic, optoelectronics, clean energy and advanced sensors.



We share our customers demands for the highest levels of innovation and commitment to sustainable development. Ongoing development of our recycling and regeneration technologies enable us to move from an unsustainable linear economy to a circular one.



Environmental, social and governance policies and ethical, conflict-free sustainable sourcing and vertical integration enable us to explore new and innovative value creation models.



We are the leader in environmental responsibility, enabling us to grow and evolve sustainably as a responsible materials technology organisation.



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Responsible Consumption and Production

Vital Materials has world-class production capabilities worldwide. We continue to pursue the efficient and sustainable use of energy and natural resources by optimising all of our processes and actions, reducing consumption and emissions.

Generation of waste is kept to a minimum and materials are recycled, regenerated or reused. Investments in efficient use of materials and development of sustainable business practices with our customers, suppliers and value chain partners are key parts of our vision of responsible consumption and production..

Vital Materials is proud of its leadership position with compliance to international regulations and safe working practices. We are fully licensed for processing and recycling facilities and capabilities which make us the world's most competitive, vertically integrated closed-loop solution provider for minor metals.



SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of:

Vital Thin Film Materials (Guangdong) Co., Ltd

Area A, No. 378, Baoye Industrial Park, Qiyuan High-Tech Development Zone, Qiyuan City, Guangdong, China

For the following products:

METALS:
Indium Tin Oxide(ITO) Targets, 氧化铟锡靶材 Product codes: 541R□□□□ (Planar Products); 542R□□□□ (Rotary Products)

The product(s) meet(s) all of the necessary qualifications to be certified for the following claims:
SCS RECYCLED CONTENT CERTIFIED
Conforms to SCS Recycled Content Standard V2-0 for a 100% Pre-Consumer Recycled Indium and Tin Content. The material quantification and mass balance calculations are completed on a dry-weight basis.

Registration # SCS-RC-05594
Valid from June 28, 2020 to September 27, 2021



Stacy H. Hester
Stacy Hester, PE, Vice President
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Development of People and Communities



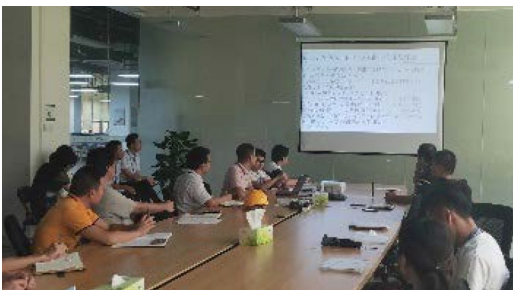
People come first at VITAL. We develop transparent and responsible communications with our stakeholders.



Our employees and everyone in our supply chain are respected and protected. We follow strict labour and human rights protections and actively participate in socio-economic developments of the regional communities where our businesses are involved, including poverty alleviation, creation of meaningful jobs and regional crisis relief.



Educational opportunities at VITAL University equip our people with professional skills and work-specific training, including health and safety, communication, protection of diversity and inclusion and environmental awareness, further promoting a healthy workforce sharing innovative and progressive ideas.



“VITAL Education Awards“ supports students in universities in Guangdong, Guizhou, Yunnan, Jiangxi, Lanzhou, Tianjin and Changchun.

Regional staff around the world support the commercial and technical needs of customers and audit and train supply chain partners. Working together enables us to develop smarter ways of doing business and creating high technology materials for a better future.

Sustainability Scorecard

SDG	Performance Indicator	Baseline 2020	Target 2023
 3 GOOD HEALTH AND WELL-BEING	<ul style="list-style-type: none"> Total Recordable Injury (TRI) frequency rate¹ 	0.82	0.60
	<ul style="list-style-type: none"> Sickness absence rate 	0.25%	0.20%
 4 QUALITY EDUCATION	<ul style="list-style-type: none"> Dedicated training hours per employee² 	25	40
	<ul style="list-style-type: none"> Numbers of students and learners on VITAL funded educational programs 	86	160
 5 GENDER EQUALITY	<ul style="list-style-type: none"> Women in research, engineering and management roles³ 	14%	17%
 8 DECENT WORK AND ECONOMIC GROWTH	<ul style="list-style-type: none"> Number of countries with active employees 	16	20
 9 INDUSTRY INNOVATION AND INFRASTRUCTURE	<ul style="list-style-type: none"> Return on Research Capital (RORC)⁴ 	1.9	2.2
	<ul style="list-style-type: none"> Number of postgraduate scientists as % of global workforce⁵ 	17%	20%
 12 RESPONSIBLE CONSUMPTION AND PRODUCTION	<ul style="list-style-type: none"> General waste recycling rate 	70%	76%
	<ul style="list-style-type: none"> Sustainability audits per year 	42	80
 13 CLIMATE ACTION	<ul style="list-style-type: none"> Facilities using renewable energy sources⁶ 	8%	15%
	<ul style="list-style-type: none"> Percentage of operations certified to ISO 14001 	80%	95%
 17 PARTNERSHIPS FOR THE GOALS	<ul style="list-style-type: none"> Science and technology cooperation programs between countries⁷ 	200	300

Notes:

- Injury Frequency Rate (IFR) based upon the number of injuries per 1,000,000 employee-hours worked.
- Total hours of personal development and work-specific training per employee.
- Number of women as a percentage of total global workforce.
- Return on Research Capital (RORC) is ratio based upon current year gross profits/previous year R&D spending.
- Number of postgraduate level researchers engaged in creation of new products, processes and knowledge.
- Sites using non-fossil fuel energy sources.
- Number of long-term (>1 year) cooperation agreements and science and technology programmes between countries.

High Technology Materials for a Better Future



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