

SDGs REPORT 2022-2023

S U S T A I N A B L E D E V E L O P M E N T G O A L S



REIMAGINING CHEMISTRY TOGETHER TO CREATE A BETTER WORLD.

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FOREWORD

SDGs in Actions – the 2030 Agenda for Sustainable Development

We are committed to actively contributing to the achievement of the Sustainable Development Goals (SDGs).

The SDG framework has facilitated more systemic and unique approaches to our sustainable development decision-making, allowing us to recognize the interconnection of the Sustainable Development Goals (SDGs) within our business operations and address global, social, and environmental concerns.

In 2022, we encountered compounding challenges that demanded urgent action to build momentum, embrace solidarity, and accelerate decarbonization and zero-carbon strategies, as well as climate mitigation and adaption approaches.

We are also working to mitigate any negative affects of our operations on society and biodiversity, while securing sustainable finance to boost our sustainability initiatives, ensuring our readiness and a robust response when required.

Since the publication of our first SDGs report in 2020, we have continuously monitored the progress and contributions of our efforts. As we reach the midway point of the 2030 Agenda for Sustainable Development, this report highlights our key outcomes, the positive impacts of successful collective efforts, necessary transformations in focus areas, and examples of initiatives modeling different scenarios that are advancing the SDGs.

We are making clear progress on our 2025 and 2030 sustainability targets, and will accelerate our initiatives to further support the SDGs in other areas, such as biodiversity, women's empowerment, and diversity, equity, and inclusion (DEI).



Indorama Ventures Joined UN Global Compact's CEO Forum on Sustainable Finance

Mr. DK Agarwal, Deputy Group CEO, represented Indorama Ventures at the "CEO Forum on Sustainable Finance: Scaling Up Sustainable Finance Solutions to Accelerate Progress on the SDGs," hosted by the UN Global Compact Network Thailand on February 9 in Bangkok. Mr. Agarwal was joined by CEOs and senior executives from leading Thai companies to exchange insights on sustainable financing and commitments to the SDGs.

Mr. Agarwal underscored how Indorama Ventures' sustainability commitments, including decarbonization, CO2 capture, and PET recycling, have led to positive financial impacts, such as cost optimization, positive return on capital employed, and lower carbon taxes. These accomplishments have also contributed to securing increased access to sustainability-linked loans totaling US\$2.5 billion through Green Loans, Blue Loans, and Sustainability-linked Loans.

Following the session, Mr. Agarwal met with Ms. Sanda Ojiambo, Assistant Secretary-General and CEO of the UN Global Compact, to discuss potential collaborations in promoting sustainable finance, including the need to improve plastic collection infrastructure around the world.





Showcasing our efforts to achieve the SDGs

In 2022, IVL met with the Chief of Outreach and Engagement, Ms. Sue Allchurch, and the Manager of Fundraising and Sponsorships, Mr. Maxell MacKenna, at the UNGC's headquarters in New York to explore potential collaborative opportunities in the Supply Chain Pilot Program. This initiative reinforces the success of net zero ambitions and the SDGs by promoting sustainable practices within supply chains.

During this meeting, we also shared our SDGs Report, highlighting how our contributions are aligned with the UNGC's goals. Our activities are having a positive and significant impact, and we are working in partnership with the Global Compact Local Network to promote the benefits of PET plastic waste separation, recycling, and the circular economy as crucial tools for achieving the SDGs. Furthermore, our SDGs Report is published annually to effectively communicate our continued progress and achievements in this area.

IVL'S SUSTAINABILITY JOURNEY

IVL celebrated 12 years of sustainability in 2022. Given our vast business operations, we were in a unique position to detect key trends in advance and integrate our business model and strategy accordingly. We also anticipated important megatrends for our clients and communities. Over the last decade, IVL has built a solid foundation for sustainability through strategic actions, which we are now accelerating to achieve our goals of meeting our recycling commitments, creating products, innovations and solutions for the new normal, continuing our engagement with stakeholders for shared value creation, and transitioning to a net zero business.

IVL'S STRATEGY TO ACHIEVING THE SDGs

Businesses have a critical role to play in helping to achieve the SDGs. As a responsible industry leader, IVL is serious about the SDGs and combatting the urgent environmental and economic challenges facing our world. We recognize that we must be accountable to our key stakeholders – 30,000+ employees and their families, customers, and industry partners. Moreover, we believe that aligning with the SDGs will open us up to significant market opportunities.

IVL has outlined five key focus areas to contribute to the SDGs – Recycling and the Circular Economy, Climate Change and Energy, Environmental Stewardship, Health Safety and Well-being, and CSR and Collaborations. Given the nature of our business, we believe we can have the greatest impact on these areas and grow our business while creating positive change. These activities help us align with 13 of the 17 SDGs, totaling 39 targets.

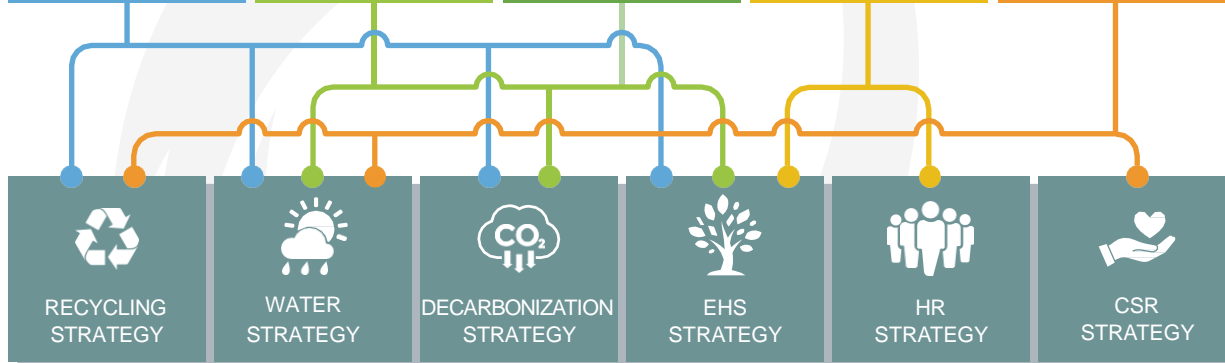
IVL is ready to make further progress across all areas of the value chain through innovative designs, efficient and greener production, streamlined logistics, promoting responsible consumption, proactive waste collection and widespread recycling. We are ready to go further by contributing to other SDGs in the long-term and making inroads on more advanced innovations to create positive value in line with our vision “to be a world-class sustainable chemical company making great products for society.”

IVL'S SDGS STRATEGY

KEY FOCUS AREAS



RELEVANT STRATEGIES

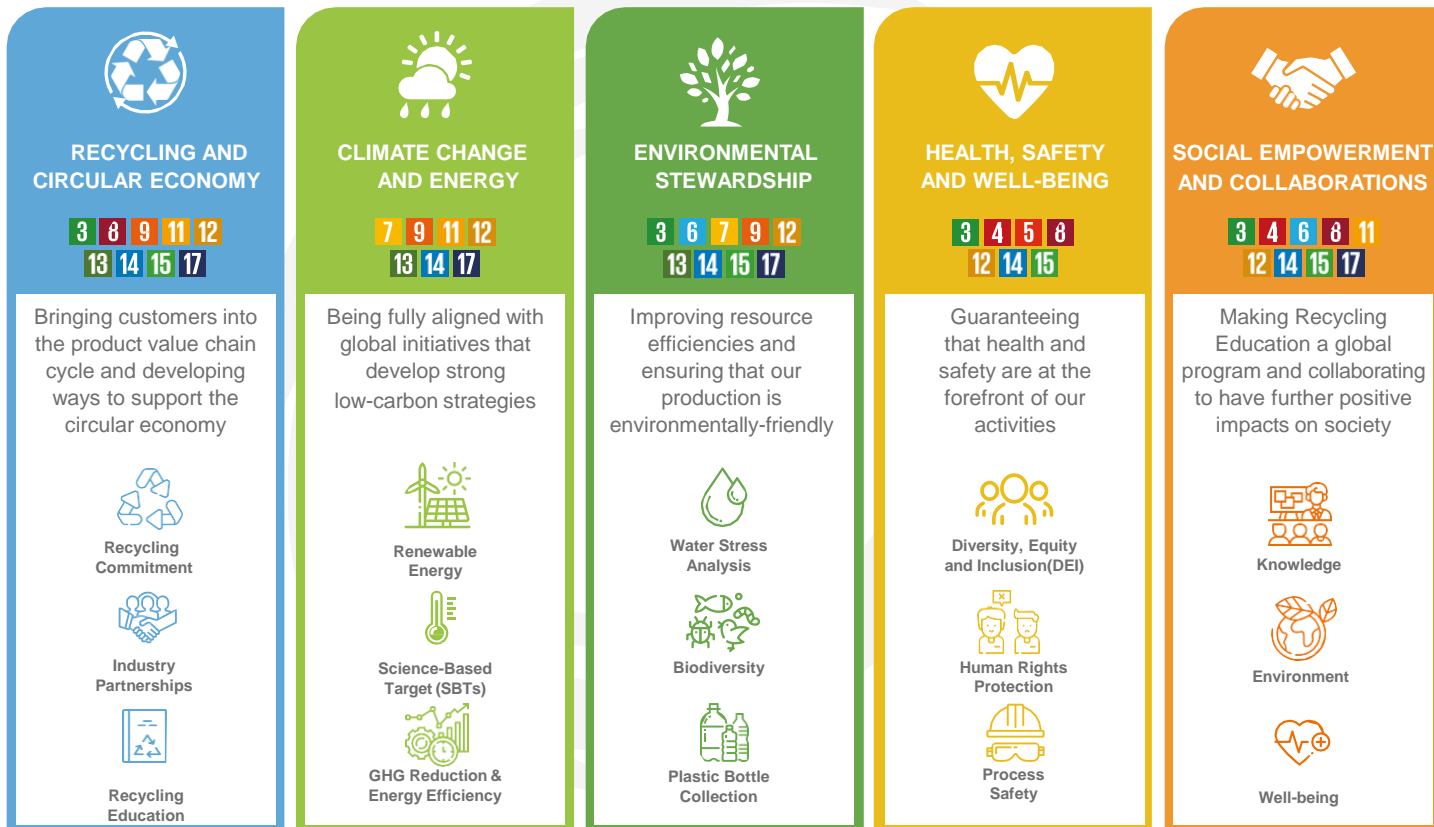


TARGETS



KEY FOCUS AREAS

We continue to create value and contribute to the SDGs by focusing on the 3Ps – People, Planet and Prosperity.



RELEVANT STRATEGIES



Recycling Strategy

Our 2025 ambition is to recycle 50 billion PET bottles per year and 750,000 tons of post-consumer PET materials as feedstock into our polyester production per year. From 2011 to 2023, we recycled a total of approximately 100 billion bottles. We are achieving growth in mechanical recycling by investing in more recycling facilities and focused on our long-term goal, which is to achieve a circular economy.



Water management strategy

We are working to achieve zero liquid discharge at more of our sites while ensuring the most efficient water consumption by implementing the 3Rs (Reduce, Reuse, Recycle), as well as building wastewater treatment plants to increase water reuse and recycling, and reducing freshwater withdrawal in most of our operations.



Decarbonization Strategies

Our long-term ambition is to become carbon neutral. In order to decarbonize our carbon footprint, we are exploring a range of solutions that consist of operational eco-efficiency, renewable energy, recycling, advanced technologies, and natural capital solutions.



EHS Strategy

Four organizational groups make up our EHS – Corporate, Regional, Segment and Business/Site. This represents a true enabling model that supports our businesses and regions. Our 2025 goal is for our Lost Time Frequency Rate (LTIFR) to be less than 0.5 cases per 200,000 man-hours, followed by our long-term goal of less than 0.1 cases per 200,000 man-hours.



HR Strategy

People are a company's ultimate competitive advantage. We strive to attract, develop and engage our employees because our people's success is IVL's success. Diversity and inclusivity are core focus areas to maintaining a sustainable workplace at IVL, and are also essential for continued innovation, achieving a growth mindset and sustained business growth. Leadership development is one of our strategic priorities. Our approach is focused on developing effective leaders who contribute to our strengths as an organization and our long-term performance. Our ambition is to expand the scope of succession planning to cover about 1,000 leadership positions by 2023.



CSR Strategy

Our CSR goal is to have a positive impact on society and deliver social, environmental, and economic value. We focus on creating value for our business and society to ensure the company remains sustainable, and we are achieving this by facilitating and engaging the global community, leveraging our strengths through collaborations, raising awareness, and developing the value chain. Our ambition for 2030 is to educate one million consumers around the world on recycling to extend and increase awareness among communities and contribute to more responsible consumer behavior.

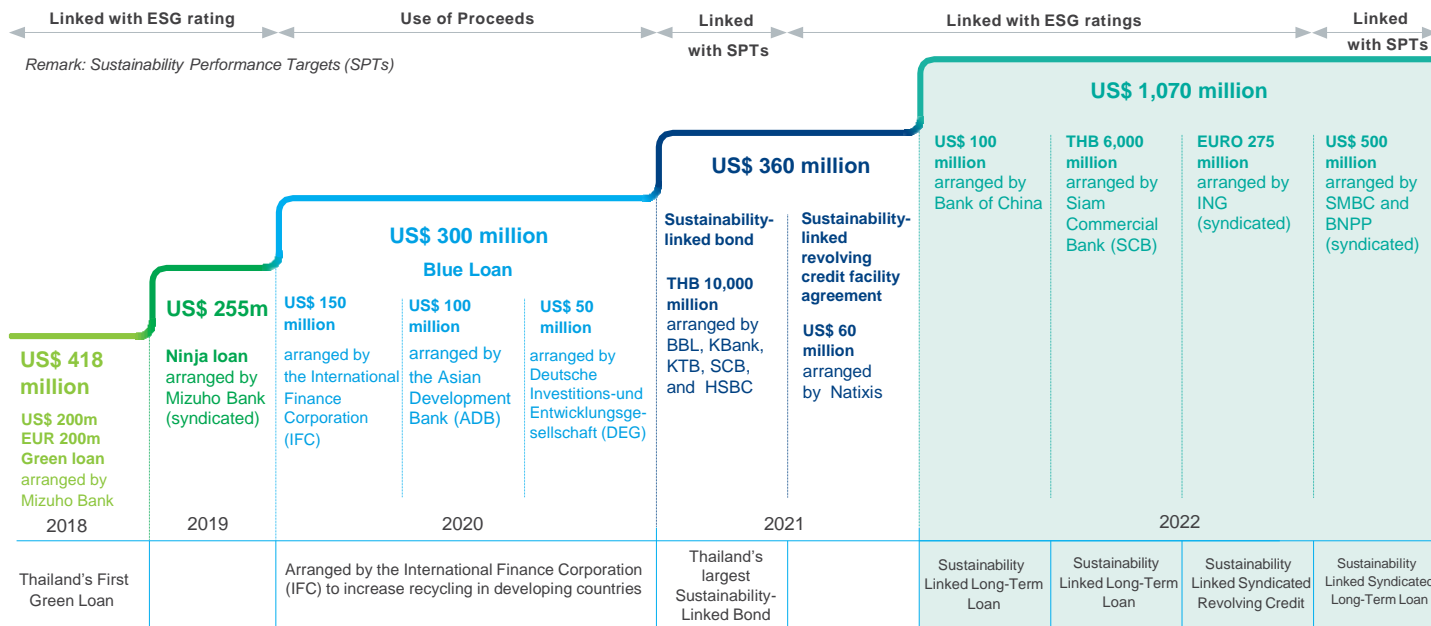
SUSTAINABLE FINANCE

The sustainable financing supports our company's expansion in line with our strategy for Vision 2030, which takes Environmental, Social, and Governance (ESG) factors into account.



TOTAL US\$ 2.4 billion

(2018–2022)



UN Sustainable Development Goals (SDGs)



TARGETS

3 GOOD HEALTH AND WELL-BEING



LTIFR

per 200,000 man-hours
< 0.5 cases by 2025
< 0.1 cases by 2050

4 QUALITY EDUCATION



Recycling Education

Educating 1 million consumers around the world on by 2030

5 GENDER EQUALITY



No Human Rights Violations

6 CLEAN WATER AND SANITATION



Water intensity reduction

10% by 2025
20% by 2030

7 AFFORDABLE AND CLEAN ENERGY



Renewable electricity consumption

10% by 2025 and
25% by 2030

8 DECENT WORK AND ECONOMIC GROWTH



LTIFR

per 200,000 man-hours
< 0.5 cases by 2025
< 0.1 cases by 2050

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Sustainability CAPEX

US\$ 2 billion (2020-2025)
US\$ 7 billion (2020-2030)

Vitality Index in 2022

Fibers Business = 23%
Specialty PET = 31% and
IOD Business = 22%

11 SUSTAINABLE CITIES AND COMMUNITIES



Waste diverted from landfill

90% by 2025/2030

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Bottles recycled

50 billion by 2025
100 billion by 2025(A)

Post consumer PET bale input per year

750,000 tons by 2025
1,500,000 tons by 2030(A)

13 CLIMATE ACTION



GHG (Scope 1 & 2) intensity reduction

10% by 2025
30% by 2030

Becoming a Net Zero Carbon Company

14 LIFE BELOW WATER



Post consumer PET bottles diverted from ocean

750,000 tons by 2025
1,500,000 tons by 2030

15 LIFE ON LAND



Post consumer PET bottles diverted from landfill

750,000 tons by 2025
1,500,000 tons by 2030

No Deforestation

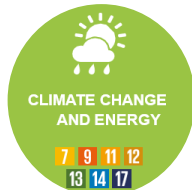
17 PARTNERSHIPS FOR THE GOALS



Following and contributing

to industry partnerships and commitments

2022-2023 SDGs PROGRESS



US\$ 7 billion
Sustainability CAPEX commitment (2020-2030)

US\$ 2.4 billion
in sustainable finance
(2022)

72% waste
diverted from landfill
(2022 performance)

0.51
cases / 200,000 manhours
lost time injury
frequency rate (LTIFR)
(2022 performance)

199,787 consumers
received the
Recycling Education
(2018-2022)

IVIH was established
to support recycling
and biomass mission

3.84% reduction
of GHG intensity
(Compared to 2020 level)

1.70% increase
of water intensity
(Compared to 2020 level)

DEI commitment
signatory and supporter
of the women
empowerment principle

US\$ 13 million
Social contribution
(2015-2022)

100 billion
PET bottles recycling
(2011 – Q3/2023)

2.1% increase of energy intensity
(Compared to 2020 level)

**Certified as a great place
to work** at Indorama
Poland

In partnership with Yunus
Thailand, IVL introduced
“Waste Hero Education:
Reduce to Zero,”

2.1 millions tons
of PET bottles diverted
from landfills and ocean
(2011- Q3/2023)

2.9 million tons
carbon footprint
Reduction from recycling
(2011- Q3/2023)

**Biodiversity Statement
and Commitment**

Working with industry
partners to achieve a
circular economy for
sustainable plastics

- Operation Clean Sweep (OCS)
- IVL received the “International Textile Manufacturing Federation” Award

17.25 million tons
of recycle material
consumption
(2022 performance)

3.32% of
renewable energy
consumption
(2022 performance)

Indorama has **first ever**
development and
published TNFD report

76,121 people
of local communities
received well-being
& health services
that we provided
(2020-2022)

Which targets are on track for 2030?

Maintain
progress to achieve target

Accelerate
progress to achieve target

Reverse
trend to achieve target

ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

3

Health, safety and well-being represent our core values. IVL continuously implements improvements to programs and places the health and safety of our workforce at the forefront of our activities. We guarantee the health and safety of our products, employees and contractors and manage health risks by improving local living standards and extending health provisions to the families of employees and their surrounding communities.

SDG Targets | 3.8 | 3.9

Our contribution : Major



290
initiatives

support the well-being and
health of local communities.



24
initiatives

support vulnerable groups and
groups with disabilities.



40
initiatives

provide basic needs to local
communities.

29 sports initiatives to promote both mental and physical health for children.



One
Fatality of
Our employees



Total Recordable
Injury Rate
0.82
cases per
200,000 man-hours



Lost Time
Injury Frequency Rate
0.51
cases per
200,000 man-hours

US\$ 2,337,072

(16% of total social contribution)

**Donated to Social & Well-being
and Health & Sports initiatives**

OUR COMMITMENTS

- Increasing access to quality and essential health care services
- Reduction in the Lost Time Frequency Injury Rate (LTIFR) to less than 0.5 cases per 200,000 man-hours by 2025, and less than 0.1 cases per 200,000 man-hours by 2050



4 QUALITY EDUCATION

Providing learning and development opportunities to all staff and promoting recycling education in society

The value of education lies in its ability to provide relevant and effective learning outcomes. We provide learning and development opportunities to all staff, and implement STEM training programs that focus on universities, vocational education for women, youth, and marginalized persons in our communities. For recycling education, we want to increase awareness about the benefits of separating waste, the importance of recycling and convincing people to join this effort and reduce waste in the environment.

SDG Targets 4.3 4.4 4.5 4.7

Our contribution : Major

Recycling Education



In partnership with Yunus Thailand, IVL introduced “Waste Hero Education: Reduce to Zero,” a global resource for teachers with 19 well-crafted lesson plans focused on Recycling Fundamentals, Creating Zero Waste, and Building the Circular Economy. Developed by educators and experts from 17 countries and tested internationally, the materials are tailored for students from kindergarten to university levels. We are also collaborating with regional partners to disseminate the materials through global educator and teacher networks.

STEM education and training



STEM Education and Social Innovation

- 5 initiatives to support STEM education, competitions, challenges, and innovation programs
- 12 STEM scholarships granted by Indorama Ventures Oxides and Derivatives
- 10 sponsorship programs channeled through various associations



199,787

People



184,482

Students



7,179

Teachers

OUR COMMITMENTS

- Increasing STEM education and student and teacher training
- Educating 1,000,000 consumers around the world on recycling by 2030

GENDER EQUALITY 5

Supporting gender equality and the increased participation and advancement of women



Gender equality is very important in creating an empowering culture and a necessary foundation for a more peaceful world. We are committed to ensuring that social protections are in place at all of our operating sites and in our supply chain and that no human rights violations take place in any form, from health to security. We encourage women's participation and advancement, especially in managerial and leadership positions in our company and provide educational and career opportunities to young women so they can work in the formal economy.

SDG Targets | 5.1 | 5.2 | 5.3

Our contribution : Monitor

Indorama Ventures celebrates International Women's Day 2023



Indorama Ventures celebrates International Women's Day 2023 on March 8. This year's theme focuses on #EmbracingEquity to promote true inclusion and belonging that can forge advancement and positive change for women. It is about recognizing that equity is a 'must-have' in all organizations. At Indorama Ventures, we define Equity as the act of ensuring that processes, policies, and programs are impartial, just, fair and provide equal opportunity for every individual. Spearheaded by our Diversity, Equity & Inclusion (DEI) Committee, we aim to adopt inspiring internal and external actions, focusing on cultivating an inclusive organizational culture and fostering a sense of belonging among our people.

We are proud to support gender equality and work towards a more diverse and inclusive future. We are committed to recognizing the incredible contributions of women to our company and our industry.

DEI committee



"At Indorama Ventures, diversity, equity and inclusion form a strong pillar of strength for our continuous success."

We are introducing global diversity, equity, and inclusion (DEI) practises that recognize the benefits of an increasingly diverse, modern workplace across 35 countries. A new Sustainability Academy will educate our leaders and employees about its importance, while Sustainability Regional Roundtables will amplify our shared goals across the organization at all levels



25% of our employees are women in managerial positions

OUR COMMITMENTS

- Increasing the number of women in managerial and leadership positions
- Empowering vulnerable women to gain valuable skills positively impacting their lives
- No human rights violations

6 CLEAN WATER AND SANITATION

Managing sustainable water consumption and discharge, analyzing global water risk to minimize the water crisis

The water crisis (water stress, droughts, floods, and a rise in sea levels) is a growing concern around the world. IVL is committed to sustainable water management and ensuring the most efficient water consumption by analyzing global water risk at all our operating sites in addition to implementing the 3Rs (Reduce, Reuse, Recycle). We also collaborate with the authorities on issuing collective actions on water issues in order to improve the efficiency of water supply management and avoid potential conflicts with stakeholders. Additionally, we provide safe drinking water and systems to communities and schools in rural areas.

SDG Targets 6.1 6.3 6.4 6.5 6.6

Our contribution : Moderate

 Roughly **US\$ 1.68** million investment in water efficiency projects



Water Stress Analysis: WRI Aqueduct Tool

 **100 %** of water is treated before being discharged

 **7.2 %**

Water reused/recycled

 **1.70 %** Water intensity reduction

14 % of our operations are in **Extremely high stress areas**

18 % of our operations are in **High stress areas**

5 sites have achieved **Zero Liquid Discharge**

OUR COMMITMENTS

- Water intensity reduction : 10% by 2025 and 20% by 2030 (from 2020 level)
- Promoting sustainable water management
- Increasing access to safe drinking water for communities in rural areas

AFFORDABLE AND CLEAN ENERGY

7


Increasing the use of electricity from renewable sources where possible



To reduce our carbon footprint while helping to protect the environment, we are continuously increasing renewable electricity consumption where possible and exploring opportunities to replace fossil fuels with renewable energy across our business operations. We are also promoting sustainable energy efficiency, conservation and reduction in all business segments. All of IVL's sites are currently in the process of acquiring ISO 50001 certification which will further help in tighter monitoring and optimization thus lowering the use of energy at all sites

SDG Targets | 7.2 | 7.3

US\$ 11.3 million of implemented CAPEX for 55 GHG or energy reduction projects

 **3.32 %**
Renewable electricity Consumption

 **Renewable electricity**
Six plants utilizing

- UAB Orion Global Pet - Lithuania
- Wellman International - Ireland
- UTT Technische Textilien - Germany
- Indorama Ventures Portugal PTA - Portugal
- Kordárna Plus - Slovakia
- Indorama Ventures (Oxide & Glycols) - USA

 **58 %**
ISO 50001
Certifications

Our contribution : Moderate

We are actively reducing our reliance on conventional energy and increasing our use of renewable energy sources such as:



Palm shell



Biomass



Bio LPG



Bio ethanol

In 2022, our combined use of
579,224 GJ
of renewable energy

Partnership

Partnered with the Corporate Clean Energy Alliance & Smart Power Program to support renewable energy developments and gain regulatory support from governments in Southeast Asia.

15 Onsite/Offsite Solar Installations

209,242 MWh purchased renewable energy with certificates through PPAs in USA and Europe

OUR COMMITMENTS

- Renewable electricity consumption: 10% by 2025 and 25% by 2030
- 5% and 15% energy intensity reduction by 2025 and by 2030, respectively (from 2020 levels)
- Promoting sustainable energy efficiency



8 DECENT WORK AND ECONOMIC GROWTH

Providing decent working conditions, a non-discriminatory environment and equal opportunities in our operations and supply chain

To grow sustainably, we must provide decent working conditions in a non-discriminatory environment and with equal opportunities in our operations and supply chain. We respect all human rights and are abiding by the UN Universal Declaration of Human Rights and the International Labor Organization (ILO)'s Declaration on Fundamental Principles and Rights at Work. We are making sure that our Human Rights Policy reflects the rights of all stakeholders. None of our operations or key raw material and non-raw material suppliers are at risk of incidents of child, forced and compulsory labor.

SDG Targets 8.4 8.5 8.6 8.7 8.8

Our contribution : Moderate



30,201

Total Employees



369

Employees with disabilities



86.29%

Global retention rate



789,313

Total training hours



Employee engagement



73.31%

(an actively engaged employee)



Survey participation

84.06%



Employee net promoter score

75.85%



15% of our employees are below 30 years old



EcoVadis

In 2022, we achieved the Gold Recognition Level and raised our score from 75 to 77, which is in the 99th percentile of the manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in primary forms industry.

Indorama Ventures in Poland certified as a Great Place to Work

Indorama Ventures Poland (IVP) has just been certified as a Great Place to Work® for the period of June 2022–2023 due to its unique workplace culture. This coveted status makes IVP one of Poland's best employers and the only certified place Włocławek city.

IVL in Thailand Received Excellent Establishment of Safety, Occupational Health and Working Condition Award

Mr. Santitipet Saleengam, Associate General Manager, Representative of Indorama Petrochem Limited (PTA) (IRPL) received Excellent Establishment of Safety, Occupational Health and Working Condition Award (Platinum Level) for 10th consecutive years from Mr. Supot Tor-Art-Han, Deputy of Rayong Governor on 11th October 2022 at Golden City Rayong hotel.

OUR COMMITMENTS

- Protecting labor rights and promoting a safe and secure working environment
- Reducing the Lost Time Injury Frequency Rate (LTIFR) to less than 0.5 cases per 200,000 man-hours in 2025 and less than 0.1 cases per 200,000 man-hours in 2030

INDUSTRY, INNOVATION AND INFRASTRUCTURE

9

Empowering sustainable development through investments
in manufacturing, innovation and technology

Our innovative approach drives us to find better, safer, and more cost-effective ways to solve the day-to-day problems and challenges of our customers. We have further invested in research and development centers to empower sustainable development in manufacturing and innovations & technology, to offer better value and great products to our customers by rapidly responding to their ongoing requirements and anticipating their future needs. Increasing innovation and production of low-carbon products will ensure that IVL becomes a preferred company by our customers as well as consumers, also contributing financially through lower overall production costs.

SDG Targets 9.2 9.4 9.5

Our contribution : Moderate




Indorama Ventures
completes acquisition of
Brazil-based Oxiteno

Oxiteno wins the 2022
Kurt Politzer Award
A 100% natural and
biodegradable green
solvent



 **384** patents in 2022
(out of an overall more than
1300 patents)

 **264** projects
with customers, suppliers and academia

 **Total US\$ Sustainable Finance 2.4 billion**

US\$ 11.3 million
investment in GHG Reduction projects

OUR COMMITMENTS

- Sustainability CAPEX US\$2 billion (cumulative 2020-2025) and US\$ 7 billion (cumulative 2020-2025) by 2025 and by 2030, respectively
- GHG (Scope 1 & 2) intensity reduction : 10% by 2025 and 30% by 2030 from 2020 levels
- 2022 Vitality Index*: Fibers Business = 23% ,Specialty PET = 31% and IOD = 22%
- Promoting investments in R&D and technology



11 SUSTAINABLE CITIES AND COMMUNITIES

Strengthening efforts to protect natural heritage and reduce the adverse environmental impact with a focus on people in vulnerable situations in making sustainable cities and communities

Cities and communities are important for our license to operate and have enabled the people to advance socially and economically in line with our focus on creating shared values to stakeholders and ensure sustainable growth for our business. IVL aims to provide opportunity to local communities and cities in terms of creating jobs and prosperity in areas we operate. We strengthen efforts to protect natural heritage and reduce the adverse environmental impact of cities particularly to air quality, municipal and other waste management.

SDG Targets 11.4 11.6

Our contribution : Moderate

342,961 tons
equivalent to **15.4 billion bottles**

of post-consumer PET bottles
diverted from landfill and oceans in **2022**



72%
of waste diverted from landfill
in our operations



24
initiatives

Support
vulnerable
groups and
groups with
disabilities



24
organizations

Promoted
environmental
developments
and recycling

Community Investments

more than
US\$ **1,654,785**

SUPPORTING UNIVERSITY STUDENTS' COMMUNITY ENTERPRISES

The Rayong IVL group of companies recently became an associate member of the Community Partnership Association (CPA) or Puenchumchon. The CPA collaborates with students from Thammasat University's Faculty of Commerce and Accounting to promote the development of community enterprises. In 2022, IVL supported nine university students in developing products for their Brahman Ban Sam Ice community enterprise. We leveraged our corporate finance and accounting knowledge to educate the students on basic business management and financial skills.

OUR COMMITMENTS

- Recycling 750,000 tons and 1,500,000 tons of post-consumer PET bales input per year by 2025 and by 2030, respectively
- Improving our operational eco-efficiency through sustainability initiatives and green projects
- 90% waste diverted from landfill by 2025/2030

RESPONSIBLE CONSUMPTION & PRODUCTION

12

Reducing the impacts of our products in the use phase and promoting ways to include recyclability and circularity

We are a responsible supplier and producer. IVL is committed to operating in compliance with all applicable regulatory, reputational and/or market risks related to climate change and lowering GHG emissions. We provide a framework for active engagement across the company to ensure that our products present no health or environmental risks. We identify risks and opportunities to reduce resource and material consumption through Life Cycle Assessments (LCAs) of our products throughout the value chain to "quantify the various environmental impacts of the products to be used in IVL's product stewardship program which is communicated to stakeholders" and to reduce the impacts of our products by recycling and contributing to the circular economy.

SDG Targets 12.1 12.2 12.4 12.5 12.6 12.7

Our contribution : Major

CELEBRATE WITH US



100 billion

PET bottles recycled

equivalent to

2.9 million tons

Carbon footprint reduction

As of 25 September 2023, we successfully recycled 100 billion bottles (since 2011) - and this number continues to grow This contributes to a reduction of 2.1 million tons of PET trash.

Circular feedstock

16% against IVL external feedstock
Recycle feedstock (Post-consumer PET bale input)
23% against IVL PET feedstock by 2030



72 % waste diverted from landfill



7.2 % water reused and recycled



1,135,643
bottles
collected globally



25,200 kgs
of bottles returned to recycling factories

Recycling

Successfully commissioned our first bottle-to-bottle recycling facility in the Philippines, "PETValue" with Coca-cola.



OUR COMMITMENTS

- Recycling 750,000 tons and 1,500,000 tons of post-consumer PET bales input per year by 2025 and by 2030, respectively
- Recycling PET bottles : 50 billion bottles per year by 2025 and 100 billion bottles per year by 2030
- Water intensity reduction : 10% by 2025 and 20% by 2030 from 2020 levels
- 90% waste diverted from landfill by 2025/2030
- Educating 1,000,000 consumers around the world on recycling by 2030

13 CLIMATE ACTION

Improving resource use, energy efficiency, and developing strong low-carbon strategies

Climate change is one of the most compelling risks with potentially serious implications for businesses. Post-COP 21, IVL anticipates more environmental, social, political, and economic repercussions. We have carried out Climate Change Risk and Opportunity analyses to regularly update our regulations. This is driving our increased use of renewable energy, production of low-carbon products, and more efficient use of our resources. In addition to our Climate Strategy 2025, we developed a Climate Strategy Corporate Standard that guides our global operations in terms of best practices for the climate, including GHG management, with key actions and KPIs in four segments.

SDG Targets | 13.2

Our contribution : Major



US\$ **11.3 million**

in energy efficiency and GHG reduction project investments

74,906 tons

GHG reduction from renewable energy consumption (Biomass, Biogas and Renewable Electricity)

Decarbonization Strategies



Improving operational efficiency



Renewable Electricity



Recycling



Natural Capital Solutions



Future Technologies



Circular Feedstocks

Carried out GHG scope 1,2 and 3 accounting and audit



2.9 million tons

of carbon footprint reduced by recycling post-consumer PET bottles (since 2011)



Recognized as the 'Best Sustainable Product' at the Chemical Week Sustainability Awards, Deja™ Carbon Neutral Pellet is made from locally sourced raw materials. Deja™ products support the UN Sustainable Development Goals (SDGs) promoting a sustainable, greener, and circular economy. DEJA™ proudly collaborates with South Pole on carbon offset projects such as the Safe Water Project Rwanda, which provides 50 million liters of safe drinking water annually to communities



Achieved a **B Rating** in the CDP's Climate Change assessment in 2022



Since 2020, We have been a signatory to TCFD and have adopted its framework.

OUR COMMITMENTS

- 5% and 15% energy intensity reduction by 2025 and by 2030, respectively (from 2020 levels)
- 10% GHG intensity reduction (Scope 1 and 2) by 2025 from 2020 levels
- Committed to becoming a carbon neutral company

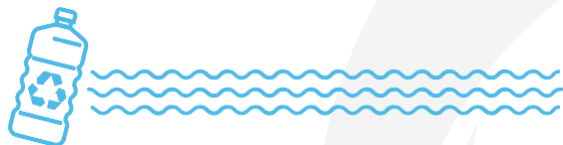
LIFE BELOW WATER 14

Preventing, reducing and collaborating with like-minded organizations to address waste in the oceans

Water is a vital resource for both our operations and the planet. However, the quality of the world's water is increasingly being degraded, threatening the health of people and ecosystems. IVL has been focusing on responsible water use through our Sustainability Strategy and our Corporate Global Water Strategy. We are working to achieve zero liquid discharge at more of our sites, as well as building wastewater treatment plants to increase water reuse and recycling, and reducing freshwater withdrawal in most of our operations to improve water quality and reduce the likelihood of damage to the ecosystem and life below water.

SDG Targets 14.1 14.4

Our contribution : Monitor



342,961 tons
equivalent to **15.4 billion bottles**
of post-consumer PET bottles
diverted from oceans in **2022**



CiCLO biodegradable textile technology

CiCLO is a textile technology that promotes the biodegradation of synthetic fibers, thereby reducing synthetic microfiber pollution in the event that the products are discarded into the ocean, landfills and wastewater.

FiberVisions

FiberVisions has committed to Operation Clean Sweep (OCS), a pledge aimed at preventing any loss of pellets, flakes, or powder loss into the oceans.



Indorama Ventures supported the "2022 Circular Innovation Challenge (CIC)" for its second consecutive year. This year, more than 6 ASEAN countries participated in the program. The CIC is a "hackathon" or "design sprint" that aims to help young people become thought leaders and the change-makers of tomorrow.

OUR COMMITMENTS

- Recycling 750,000 tons of post-consumer PET bales input per year by 2025
- Recycling PET bottles : 50 billion bottles per year by 2025 and 100 billion bottles per year by 2030

15 LIFE ON LAND

Reducing the risk of potentially adverse environmental impacts and monitoring the new areas near our operations

We are expanding the scope of our environmental stewardship to reduce potential risks with adverse environmental impacts. We are committed to effectively managing our environmental footprint as resources are scarce. We also implemented other non-energy related projects such as water savings, reducing our use of raw materials, chemicals, and feedstock consumption, reducing wastewater sludge disposal, and a reduction in other waste in our processes which help in cutting emissions.

SDG Targets 15.1

Our contribution : Moderate



342,961 tons
equivalent to 15.4 billion bottles
of post-consumer PET bottles diverted from landfill in 2022

Taskforce on Nature-related Financial Disclosures (TNFD)

In June 2023, we completed the first biodiversity risk assessment utilizing a variety of methods, including the Encore tool, IBAT, and WWF. These tools give us the assessment findings for all of our operating sites in terms of dependencies, impacts, the number of species on the IUCN Red List, Protected Areas, Key Biodiversity Areas (KBAs), and Scape physical risk. We were able to select priority sites in nine different countries, that are associated to biodiversity risk. The results will be further utilized to develop the first phase of our Biodiversity Action Plan (BAP) for those priority sites.



Wetlands Edge Environmental Center (WEEC)

Indorama Ventures Xylenes & PTA (IVXP) The Wetlands Edge Environmental Center (WEEC) was established to educate students on responsible environmental and natural resources stewardship. This site has been certified by the Wildlife Habitat Council (WHC), a non-profit organization dedicated to enhancing the quality and quantity of wildlife habitats on corporate, private, and public lands.



72% of waste diverted from landfill in our operations

OUR COMMITMENTS

- Protecting and restoring degraded forests and promoting sustainable ecosystems and biodiversity
- Recycling PET bottles : 50 billion bottles per year by 2025 and 100 billion bottles per year by 2030
- 90% waste diverted from landfill by 2025/2030

PARTNERSHIPS FOR THE GOALS 17

Partnering with organizations to intensify our contributions to achieve the goals and a circular economy

We are working to achieve a circular economy by collaborating with several industry partners and organizations such as the UN Global Compact, NAPCOR, Ellen MacArthur Foundation, New Plastics Economy, Minderoo Foundation, The Recycling Partnership, Plastics Recyclers Europe, Association of Plastic Recyclers, and Positively PET, to play a leading role by bringing customers of recycled products into the value chain and developing ways to include recyclability and circularity in all of our products.

SDG Targets | 17.4 | 17.6

Our contribution : Major



The World Economic Forum Annual Meeting 2023 was organized under the theme "Cooperation in a Fragmented World" from 16-20 January in Davos, Switzerland. The forum invited world leaders from both the public and private sectors to share knowledge and experiences in addressing critical needs, while also laying the groundwork for a more sustainable, resilient world by the end of the decade.

WORLD
ECONOMIC
FORUM

Alliance of
CEO Climate
Leaders

Indorama Ventures is a proud signatory of the World Economic Forum's Alliance of CEO Climate Leaders, which encourages governments to set ambitious goals and remain on track with their commitments as aligned with the Paris Agreement. This includes reducing green premiums, investing in a fair transition, and harmonizing reporting and disclosure standards

IVL's Group CEO, along with over 100 other CEOs, formed an influential network and community to accelerate climate action within their respective value chains and markets. IVL is actively supporting two key initiatives – the World Economic Forum's Global Plastic Action Partnership (GPAP) and the Ellen MacArthur Foundation's Plastic Initiative. IVL is also collaborating with the global climate action NGO, Waste and Resources Action Programme (WRAP), through enhanced knowledge exchange and stakeholder collaboration

In support of

WOMEN'S EMPOWERMENT PRINCIPLES

Established by UN Women and the
UN Global Compact Office

We are a signatory and supporter of the Women's Empowerment Principles and apply UN Global LGBTI Standards of Conduct to promote gender equality, women's empowerment, and diversity and inclusion in the workplace, marketplace, and community. We also actively tackle any forms of discrimination or unfair treatment that may disrupt the development of a healthy work environment.

OUR COMMITMENTS

- Partnering with organizations to intensify our contributions to the achievement of SDGs
- Partnering with organizations to intensify our contributions to the circular economy



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