United Nations Educational, Scientific and Cultural Organization
聯合國教育科學及文化組織

UNESCO Hong Kong Association
香港聯合國教科文組織協會
The Movement of Associations of UNESCO

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Hong Kong Institute of Education for Sustainable Development
香港可持續發展教育學院
The Movement of Centres of UNESCO

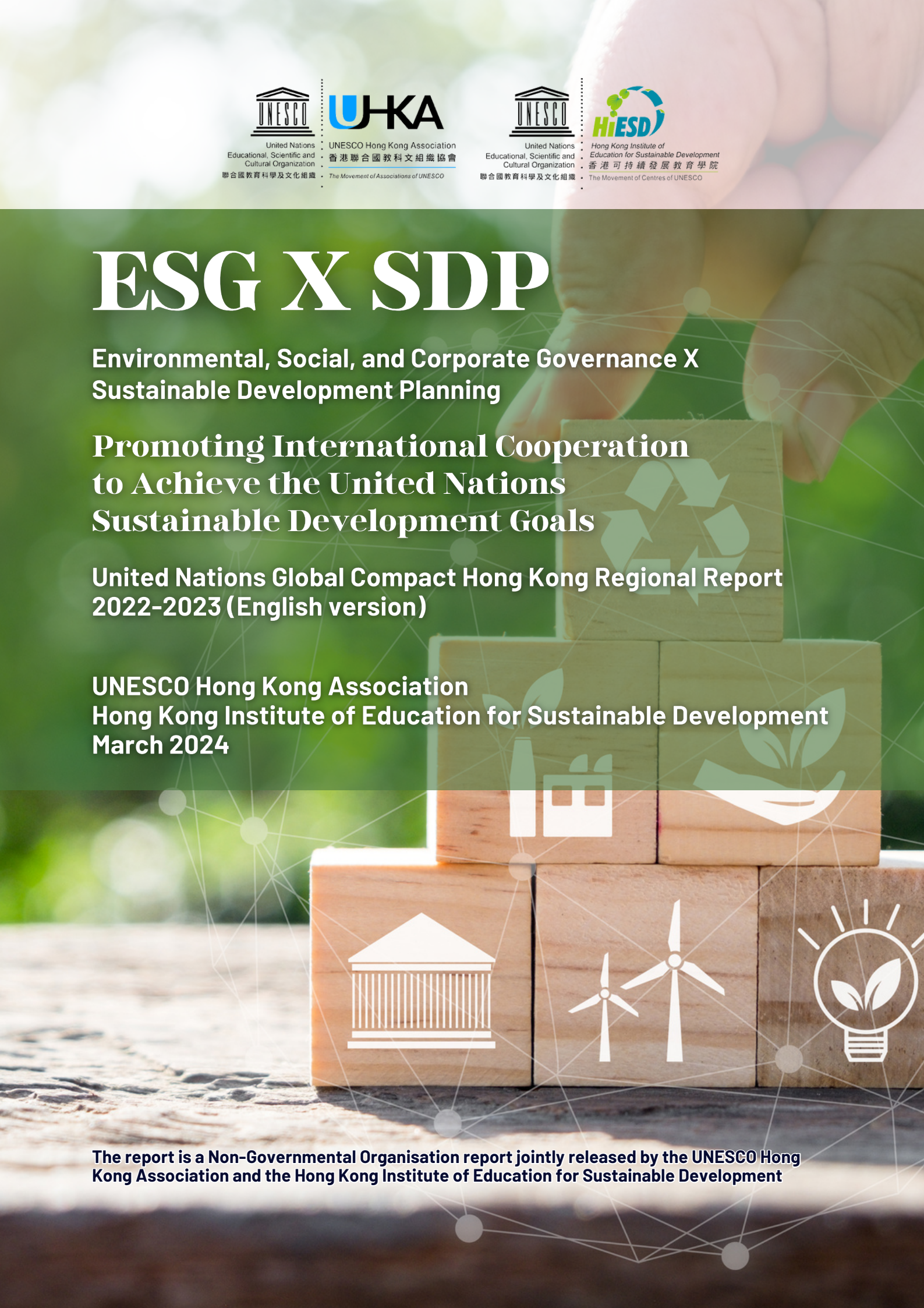
ESG X SDP

Environmental, Social, and Corporate Governance X Sustainable Development Planning

Promoting International Cooperation to Achieve the United Nations Sustainable Development Goals

United Nations Global Compact Hong Kong Regional Report 2022-2023 (English version)

UNESCO Hong Kong Association
Hong Kong Institute of Education for Sustainable Development
March 2024



The report is a Non-Governmental Organisation report jointly released by the UNESCO Hong Kong Association and the Hong Kong Institute of Education for Sustainable Development

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Message from the President

From 2022 to 2023, during the gradual recovery from the epidemic and the return to normalcy, the world changed fundamentally. More than ever, the fragility of the present and the uncertainty of the future have alerted us to the urgency of taking immediate action to protect the earth from further damage and transform the development pathway of humanity. We need to equip ourselves with skills for the future and ensure opportunities for lifelong learning. This action is long-term and combined with strategic thinking for sustainable development.

The Hong Kong Regional Report focuses on the implementation of "Environmental, Social, and Corporate Governance (ESG)" through "Sustainable Development Planning (SDP)" to promote the United Nations Sustainable Development Goals (UNSDGs). It showcases Hong Kong's progress from the asepct of sustainable policies, corporates, talents, schools, and cross-disciplinary collaboration with different stakeholders.

In terms of sustainable policies, we align ourselves with the international goals and blueprint and the national policy framework to carry out effective practices in Hong Kong, thriving to establish a lifelong learning system for the UNSDGs, cultivate green and sustainable talents, and promote enterprise and industrial innovation for sustainable development transformation.

In 2017, the United Nations Department of Economic and Social Affairs launched the "Global Partnerships for SDGs." Hong Kong successfully registered the "Sustainable Development Planning (SDP)" project and took active actions. Sustainable Development Planning is the core methodology that enables corporations, projects, and institutions to implement sustainable development goals. It uses different tools to ensure that environmental, social, and governance actions are executed under the principles of being clear, measurable, and achievable. Through providing various recognition programs to professionals and businesses in management, education, the public sector, and non-governmental organisations, including the Certified Sustainable Development Planner (CSDP) and Certified Sustainable Development Corporation (CSDC) certifications, we help corporations become more successful while contributing to achieving the global sustainable development goals collaboratively.

Message from the President

In terms of education, at this critical time of social transformation, UNESCO proposed to rethink the role of education and released the report "Reimagining Our Future Together: Creating a New Social Contract for Education." The report highlighted that we urgently need to reconstruct the relationship between each other, with the planet, and with technology. Based on the establishment of lifelong, high-quality education, we must reform our teaching methods, promote education and teaching innovation, and adopt a cooperative method of teaching. We should carry out experiential and scenarioal teaching, encourage students to propose different solutions by applying multi-disciplinary knowledge, and cultivate students' eight key competencies for sustainable development, including systematic thinking, anticipatory, normative, strategic planning, collaborative, self-awareness, critical thinking, and comprehensive problem-solving competencies.

Through implementing the "Future Education Innovation Project" , we actively conducted teaching and learning applications locally based on the UNSDGs, including the "Education for Sustainable Development Learning Programme" and "Green Talent Training Programme". On the aspect of “the relationship between us and the planet”, we organised the "Net Zero School Project" and "STEAM Biodiversity Space-Exposed Seeds Nursery Project"; on the aspect of “the relationship between each other”, we organised the “Secondary School Model UNESCO Conference”, which expanded students’ global perspective; and on the aspect of "the relationship between us and technology”, we provdes AI application in classroom teaching analysis to help teachers improve the quality of classroom teaching interactions and promote students’ all-round development, corresponding to ".

We hope that the "United Nations Global Compact Hong Kong Regional Report" can share Hong Kong's cases with the international community and serve as a practical reference. We look forward to working with more regions to begin a more sustainable chapter in the future.

Prof. Karen Cheung

President of the UNESCO Hong Kong Association
Director of the Hong Kong Institue of Education for Sustainable Development
President of the World Institute of Sustainable Development Planners

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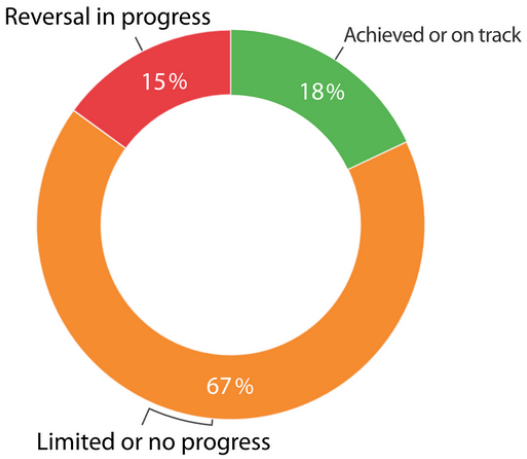
Sustainability · Policy

Global Goals and Blueprint

In 2015, at the three-day Sustainable Development Summit, the United Nations (UN) established 17 Sustainable Development Goals (UNSDGs) to promote sustainable development from the social, environmental, and economic pillars. These goals have become an internationally recognised development blueprint and the overall policy framework for global collaboration.

By 2023, we have passed the midpoint of the 2030 Agenda, and the achievement of the goals has been off track. Persisting challenges such as climate change and economic recession have not yet been resolved, while new challenges such as geopolitical and social conflicts have continued to expand, resulting in the failure to advance the goals or even moving backwards.



Source: Sachs, J.D., Lafortune, G., Fuller, G., Drumm, E. (2023). Implementing the SDG Stimulus. Sustainable Development Report 2023. Paris: SDSN, Dublin: Dublin University Press, 2023. 10.25546/102924

The Global Sustainability Report 2023, released by the UN Sustainable Development Solutions Network (UNSDSN), points out that, according to current trends, by 2030, only about 18% of the SDGs are expected to be achieved on average. Most of these goals are related to basic health outcomes, such as neonatal mortality and under-5 mortality rates, as well as access to basic infrastructure and services.

Facing these challenges, the international community needs to build a stronger consensus, put the framework and goals into practice. In addition to multilateral cooperation, in this era of rapid technological development, investing in innovative technology research and development, promoting technology sharing, expanding and refining the scope of data collection, and strengthening data analysis applications are all important accelerators for achieving the goal.

Global Goals and Blueprint

As climate disasters, economic transformation risks, and social instability brought about by climate change become increasingly impactful, reducing carbon emissions, moving towards carbon neutrality, and mitigating the climate crisis have become the top priorities of the international community in recent years.

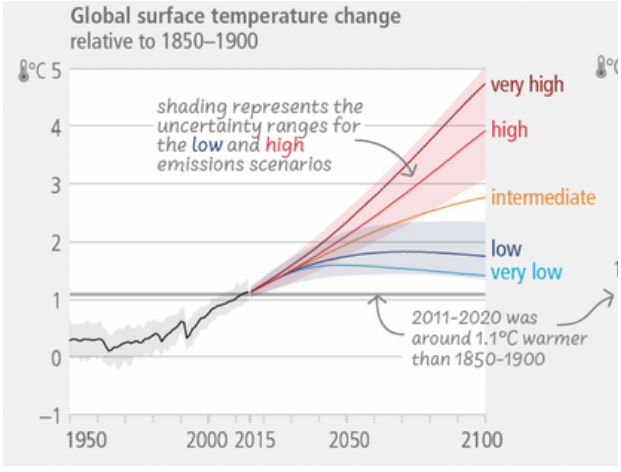
Since the Paris Agreement was adopted in 2015 at COP21, countries around the world have proposed specific carbon neutrality pathways, proposed and updated Nationally Determined Contributions (NDCs), and agreed to keep the increase in global average temperature well below 2 °C above pre-industrial levels, pursued efforts to limit the temperature increase to 1.5 °C above pre-industrial levels, and set a clear goal of moving towards global carbon neutrality by 2050.

In 2023, the 28th session of the Conference of the Parties (COP28) to the United Nations Framework Convention on Climate Change held in Dubai, United Arab Emirates, was the largest COP. Heads of governments, representatives from national authorities, communities, businesses, indigenous people, youth, charities, and international organisations actively participated in discussions focusing on the first "Global Stocktake" since the adoption of the Paris Agreement.

Image source: Visual China

The "Global Stocktake" points out that we have made significant progress in reducing greenhouse gas emissions and adapting to extreme climate change. It has recognised the carbon neutrality goals proposed by many major carbon-emitting countries, the "Climate Justice Fund" adopted by developed countries in COP27, and the alliance formed by Brazil, Indonesia, and Congo to protect forest ecosystems.

However, although greenhouse gas emissions in some countries are already at their peak and they are gradually transforming into a clean and energy-saving model for economic development, the world still faces an emissions reduction gap of 20.3 to 23.9 billion tonnes of carbon dioxide equivalent by 2030.



The conference achieved agreement on a fossil fuel, renewable energy, and loss and damage fund:

- 118 countries have pledged to triple global renewable energy production capacity and double energy efficiency by 2030.
- 6 countries committed to providing new funds for the second replenishment of the Green Climate Fund (GCF-2).
- 21 countries have approved the Mangrove Breakthrough Project to protect and restore 15 million hectares of mangroves by 2030.
- Release of the "Joint Statement on Climate, Nature and People"

Source： IPCC, 2023: Summary for Policymakers. In: Climate Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, H. Lee and J. Romero (eds.)]. IPCC, Geneva, Switzerland, pp. 1-34, doi: 10.59327/IPCC/AR6-9789291691647.001

Global Goals and Blueprint

Finance, trade, science and technology innovation, and talent development are all key to transitioning to a green economic system and promoting carbon neutrality. The establishment of the Nature-related Financial Disclosures Task Force (TNFD) in 2021, the EU Carbon Border Adjustment Mechanism (CBAM) that will begin to phase in in 2023, and the establishment of the International Sustainable Standards Board (ISSB) are all critical steps to establishing a more comprehensive green financial system.

Focal point: The Taskforce on Nature-related Financial Disclosures

The first official version of "Nature-related Financial Disclosures" was officially published in September 2023. It was jointly developed by the United Nations Development Programme (UNDP), Global Canopy, the United Nations Environmental Protection Finance Initiative (UNEP FI), and the World Wildlife Foundation (WWF), building on the topic of TCFD, "Taskforce on Climate-related Financial Disclosure," hoping to improve the transparency of nature-related financial risks and integrate nature into financial and business decisions.

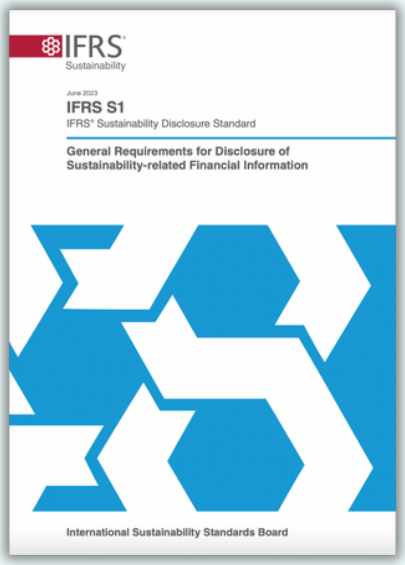
The four major components recommended for disclosure are consistent with TCFD:

Governance	**Strategy**	**Risk Management**	**Metrics and Targets**
Disclosure of the organisation's governance of nature-related risks and opportunities	Disclosure of the actual and potential impact of nature-related risks and opportunities on the organisation's business, strategy and financial planning	Disclosure of how the organisation identifies, assesses and manages nature-related risks	Disclosure of metrics and targets for assessing and managing nature-related risks

Focal point: The International Sustainability Standards Board (ISSB)

The International Sustainability Standards Council released the International Financial Reporting Standards (IFRS) S1 and S2 in June 2023 to establish a common language for international disclosure of climate-related risks for the first time.

IFRS S1 provides a set of disclosure requirements designed to enable companies to communicate to investors the sustainability-related risks and opportunities they face in the short, medium, and long term, while IFRS S2 is complementary to S1, setting out specific climate-related disclosures to align with. The two sets of standards fully incorporate the TCFD recommendations, respond to the needs of the G20, international market regulators, the business community, and investors, and effectively improve the consistency of climate and sustainability-related information disclosure.



Global Goals and Blueprint

In November 2021, "Reimagining Our Future Together: Creating a New Social Contract for Education" was released at the 41st General Conference of UNESCO. The UN Transforming Education Summit was held from September 16 to 19, 2022. Member states discussed topics including "COVID-19 learning recovery," "ability to cope with future challenges," "addressing educational exclusion," "transforming the teaching profession," "renewing curricula and pedagogies"," research and innovation in higher education," "steering the digital transformation for just and equitable learning," and "financing education" and submitted their "National Statement of Commitment.".

The "Report" highlighted that the world is at a new turning point and raised three basic questions on education: Looking forward to 2050, what should we continue to do, what should we abandon, and how shall we innovate? The report is based on a shared vision that education has a public purpose. The report points out that, facing the transformation of education for a just, equitable, and sustainable future, we need to reconstruct the relationship between each other, with the planet, and with technology. We need to think differently about learning and the relationship between students, teachers, knowledge, and the world. This includes continuing excellent educational traditions, innovating education and teaching models, emphasising ecological, cross-cultural, and interdisciplinary learning, supporting students to acquire and produce knowledge, while cultivating students' ability to think critically and apply knowledge, and encouraging teachers, students, academia, researchers, the government, and social organisations to collaborate in a just and equitable way towards the future of education.

2023 is also the 20th anniversary of the adoption of the Convention for the Safeguarding of the Intangible Cultural Heritage (ICH) by UNESCO, with the theme "We are #LivingHeritage". The Convention allowed countries around the world to realise that ICH is a valuable resource for enhancing the cultural creativity and sustainable development of humanity, as well as a crucial driving force for maintaining a peaceful world.

Affected by the 2019 COVID-19 epidemic, the inheritance of many ICH faced challenges. Resuming the effort to conserve ICH after the epidemic and strengthening the public's and youth's awareness of their responsibilities have been prioritized in recent years.

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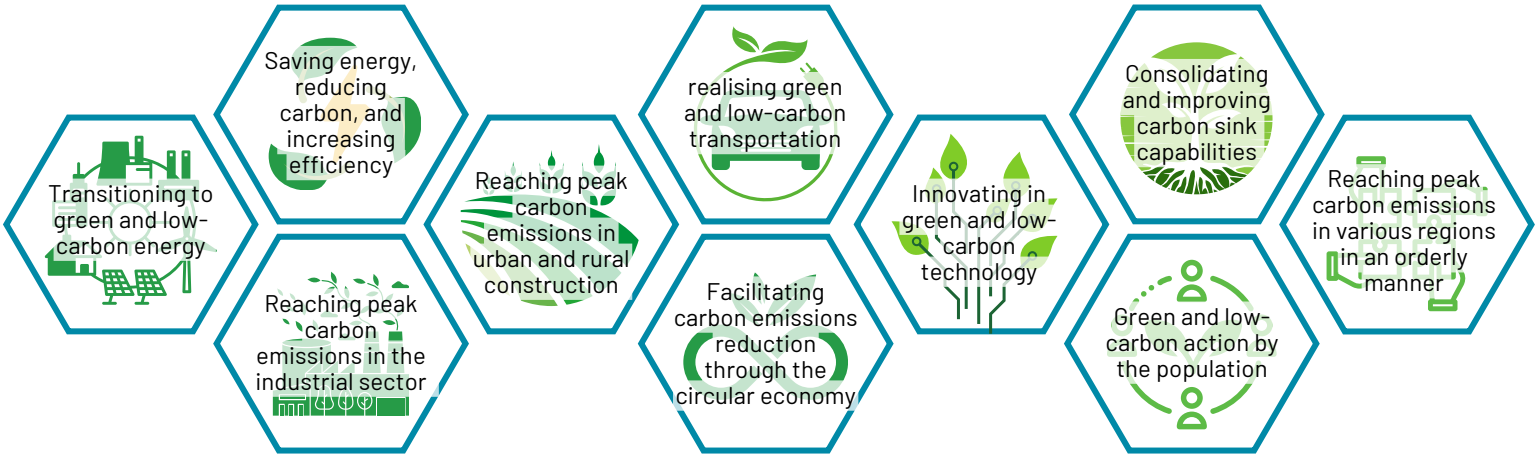
National Policy Framework

On September 22, 2020, President Xi Jinping stated at the general debate of the 75th United Nations General Assembly that China would increase its nationally determined contributions, adopt more powerful policies and measures, strive to peak carbon dioxide emissions before 2030, and achieve carbon neutrality by 2060.

Under the "30.60 Target," China has shown leadership by advancing its policies, implementation, monitoring, and optimisation at a fast pace, and clearly setting up the development direction of "domestic-international dual circulation." While trying to achieve domestic decarbonisation , China has also paid great attention to accelerating the carbon neutrality progress in surrounding regions and countries through green finance, carbon trading, sustainable supply chains, technology research sharing, etc.

On September 21, 2021, President Xi Jinping stated during the general debate of the 76th United Nations General Assembly that "China will step up support for other developing countries in developing green and low-carbon energy, and will not build new coal-fired power projects abroad."

To achieve the ultimate goals, China has vigorously strengthened the top-level design, strategic layout, and overall coordination of carbon peaking and carbon neutrality, and established a "1+N" policy system. "1" refers to the guiding ideology and top-level design for achieving carbon neutrality. It is composed of the "Working guidance for carbon dioxide peaking and carbon neutrality in full and faithful implementation of the new development philosophy" and the "Carbon Peak Action Plan for 2030", which clarifies the timeline and roadmap of carbon peaking and carbon neutrality. The "Carbon Peak Action Plan for 2030" listed out 10 key tasks.



"N" refers to the implementation, support and guarantee plans for key industries, including the energy, manufacturing, and transportation sectors. At the same time, all provinces and cities have formulated implementation plans for carbon peaking in their regions.

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National Policy Framework

While trying to achieve domestic decarbonisation , China has also paid great attention to accelerating the carbon neutrality progress in surrounding regions and countries , especially those along the Belt and Road, to deepen bilateral and multilateral cooperation mechanisms in combating climate change.

At the COP28 meeting, the Director of the Department of Climate Change of the Ministry of Ecology and Environment, Mr. Xia Yingxian, introduced that as of September 2023, China has signed 48 memoranda of understanding on South-South cooperation on climate change with 40 developing countries, cooperated in the construction of 4 low-carbon demonstration zones, carried out 75 climate mitigation and adaptation projects, held 52 capacity-building training courses, and trained more than 2,300 officials and technicians in the field of climate change for more than 120 developing countries.

Focal Point: Green Development of the "Belt and Road Initiative"

In order to further promote the green development of the "Belt and Road," the National Development and Reform Commission, the Ministry of Foreign Affairs, and other departments jointly issued the "Guidance on Promoting Green Belt and Road" in 2022 to advance the environmental protection of the "Belt and Road" and international exchange and cooperation on climate change.

Main focuses of the "Guidance on Promoting Green Belt and Road":

Coordinate and promote cooperation in the following key areas of green development:

- Infrastructure connectivity
- Green energy
- Green transportation
- Green industries
- Green technology
- Combating climate change

Coordinate and promote the green development of overseas projects:

Regulate the environmental performances of enterprises in overseas projects and promote the green and low-carbon development of coal power and other projects.

Coordinate and improve the green development support and guarantee system.

Focal Point: Leadership in Green Finance and Carbon Trading Market

Image source: Bauhinia Magazine

As the world's second largest economy, China has taken the lead in formulating the transformational financial policy framework of the G20 and has actively promoted the Green Climate Fund (GCF) and the Global Environment Facility (GEF) to strengthen support for green and low-carbon development in developing countries.

On July 16, 2021, China opened up online trading for its carbon market. Its first compliance cycle includes 2,162 key emission entities in the power generation industry, covering approximately 4.5 billion tonnes of carbon dioxide emissions every year. It is the carbon trading market that covers the greatest amount of greenhouse gas emissions in the world. As of July 14, 2023, the cumulative transaction volume of carbon emission allowances (CEA) in the market was 239.9 million tonnes, and the cumulative transaction value was 11.03 billion Yuan.

Promotion and Implementation in Hong Kong

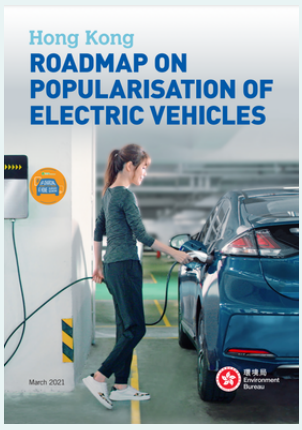
In response to international and national efforts, in 2021, the HKSARG released "Hong Kong's Climate Action Plan 2050," proposing the goal of halving carbon emissions by 2035 and achieving carbon neutrality by 2050. With the vision of "Zero-carbon Emissions . Liveable City . Sustainable Development," the new plan outlines the four major decarbonisation strategies and measures, namely net-zero electricity generation, energy saving and green buildings, green transport, and waste reduction.

In order to effectively implement the strategy and achieve the carbon neutrality goal on or before 2050, Hong Kong leveraged its role as a bridge between Hong Kong, Mainland China, and the world and demonstrated responsibility in actions towards sustainable development goals by promoting carbon neutrality through science and technology, finance, talent and education, and public promotion.

Hong Kong's Climate Action Plan 2050

Clean Air Plan for Hong Kong 2035

Waste Blueprint for Hong Kong 2035



Hong Kong Roadmap on Popularisation of Electric Vehicles

Green and Sustainable Financial Centre

As mentioned in the 2023 policy address of the Chief Executive, Hong Kong will: reinforce our status as an international financial center; venture into green finance, promote green and sustainable logistics, and promote new energy transport. As an international financial and technological innovation centre, Hong Kong is promoting the sustainable development and transformation of enterprises and industries from multiple dimensions. It also exports green technologies and resources to the international market to promote the green transition of the global economy and industries, in addition to domestic development.

Promotion and Implementation in Hong Kong

Green and Sustainable Financial Centre

In terms of green and sustainable finance, under the "Government Green Bond Programme," the government has successfully issued more than 7 billion US dollars of government green bonds since May 2019. We continued to launch the Green and Sustainable Finance Grant Scheme in May 2021, issued the first Retail Green Bond worth HK$20 billion in May 2022, and issued the world's first government tokenised green bond worth HK$800 million in February 2023 to further promote the development of green and sustainable finance in Hong Kong .

In order to integrate with the international green finance market, in 2022, the Hong Kong Securities and Futures Commission responded to ISSB's two consultation drafts and, in 2023, announced its support for the Stock Exchange of Hong Kong Limited (the Stock Exchange) to initiate public consultation on the climate-related reporting rules for listed companies. This consultation is an important step towards aligning Hong Kong with the global benchmark of climate-related reporting standards to be issued by the ISSB.

Hong Kong has also established the Green and Sustainable Finance Cross-Agency Steering Group to analyse international frameworks and policies, and is committed to aligning Hong Kong's standards with international best practices. At the same time, we will strengthen green financial cooperation with the Greater Bay Area, promote the flow of global funds into the mainland carbon market, and support Hong Kong's development into a regional carbon trading centre.

Promotion and Implementation in Hong Kong

ESG Development

2012 The Hong Kong Stock Exchange (HKEX) released the "ESG Reporting Guide" as voluntary disclosure recommendations for listed companies.

2016 The HKEX upgraded some of its voluntary disclosure recommendations to "comply or explain" provisions.

2019 The HKEX issued a consultation document on proposed revisions to the Guide. In December, the new guideline expanded the scope of mandatory disclosure and upgraded all disclosure recommendations to "disclose or explain".

2021 The HKEX released the Climate Disclosures Guidance to provide practical guidelines for listed companies to comply with the recommendations of the TCFD. At the same time, an analysis of IPO applicants' ESG practice disclosure in 2020/2021 was published.
In the same year, the Green and Sustainable Finance Cross-Agency Steering Group announced its intention to mandate climate-related information disclosure in line with TCFD recommendations by 2025.

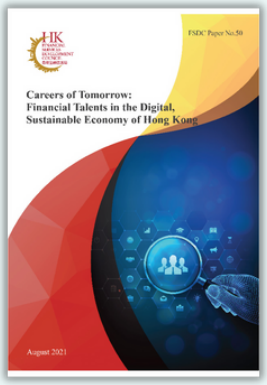
2023 The HKEX released the "Listing Committee Report 2022," which stated that Hong Kong will focus on aligning its standards on climate disclosure with the recommendations of the TCFD and adopting new standards published by the ISSB.

According to the 2022 ESG Report Survey of Hong Kong Listed Companies released by PwC, 72% of the sampled companies have disclosed independent ESG reports, and 85% have established an ESG working group. However, only 36% of companies have responded to the United Nations Sustainable Development Goals in the report, reflecting the importance of conducting SDP training that helps more professionals become CSDP.

In 2021, the Hong Kong Financial Services Development Council released the report "Careers of Tomorrow: Financial Talents in the Digital, Sustainable Economy of Hong Kong," which specifically mentioned the professional training, textbooks, and certification of SDP carried out by HiESD.

There may not be a one-size-fits-all approach in the introduction of such ESG courses, given ESG is such a broad topic that covers different industries, and that universities are suggested to develop the curriculum with the focus on areas which are relevant to their respective schools of students. The result of the survey on ESG skills that practitioners and students perceived with high demand (**Chart 13**) shall provide some insights on the content that the curriculum should cover.

Among others, the curriculum design can make reference to the educational materials developed by the United Nations Educational, Scientific and Cultural Organization (UNESCO) and resources prepared by professional and standard setting bodies, industry associations and non-governmental organisations, such as the CDP, CFA Institute, GRI Academy, Hong Kong Institute of Directors, Hong Kong Institute of Education for Sustainable Development (HiESD), Principles for Responsible Investment, Sustainability Accounting Standards Board, Task Force on Climate-related Financial Disclosures, among others.



Promotion and Implementation in Hong Kong

In 2021, HiESD submitted a recommendation to the Hong Kong Securities and Futures Commission that "sustainable development planning and governance" should be added to the core competencies of professionals, especially senior management.

守正创新 持续发展
KEEPING INNOVATION FOR SUSTAINABLE

United Nations Educational, Scientific and Cultural Organization
HiESD Hong Kong Institute of Education for Sustainable Development 香港可持續發展教育學院
The Movement of Centers of UNESCO

1

香港可持續發展教育學院

《優化適用於中介人及個人從業員的勝任能力框架》諮詢文件

建議

2021年2月

證監會於2020年12月11日就《優化適用於中介人及個人從業員的勝任能力框架》發出諮詢文件，旨在優化中介人及個人從業員之能力，本學院現提出如下建議。

可持續發展目標（SDGs）為2015年聯合國大會通過《2030可持續發展議程》的核心內容，全球發展趨勢。有效推行「可持續發展目標」，需要政府政策制定、企業行動實施 及 人力資源配備 互相促進可見成效。因此，提高中介人及個人從業員的專業能力和人才培訓是當務之急。

香港可持續發展學院是一間跨學科研究型學院（www.hiesd.org，簡稱：學院），以推動“聯合國可持續發展教育計劃”為使命，以培育可持續發展之專業人才為目標。學院是香港聯合國教科文組織協會的秘書處，中國聯合國教科文組織協會全國聯合會的成員機構、聯合國全球契約（UN Global Compact, UNGC）地區報告人、聯合國75週年對話（UN75 Dialogue）地區主持。學院開展的可持續發展規劃（Sustainable Development Planning）的專業培訓內容是《聯合國可持續發展目標企業行動指南》在行業的具體實施方案，學院建議，在持牌人“高級管理層”核心能力中，增加“可持續發展規劃與治理”，而中介人及個人從業員可以透過相應時數的持續培訓增進對「可持續發展目標」、可持續發展規劃的認識。

在《聯合國2020可持續發展目標報告》中指出投資數據和創新是加快實現可持續發展目標的關鍵，支持數據採集數字化，並在數據融合基礎上建立更加有效可視的預測預警及與之相適應的監管至關重要。在“重中之重”的氣候行動是世界人民的頭等大事（引述於UN75 Dialogue中“長期挑戰”）下，去年金管局與證監會發起的“綠色和可持續金融跨機構督導小組”、對上市公司進行《ESG報告》的強制披露要求、以及今次對“中介人及個人從業員的勝任能力框架的優化”都代表香港在全球帶領性及實質性的推進。

香港可持續發展教育學院
2020年2月10日

INSTITUTE OF EDUCATION FOR SUSTAINABLE DEVELOPMENT 香港可持續發展教育學院 HONG KONG

*「可持續發展規劃師」請參見http://www.hkcsco.hk/index_topic.php?did=282893&didpath=/282893)

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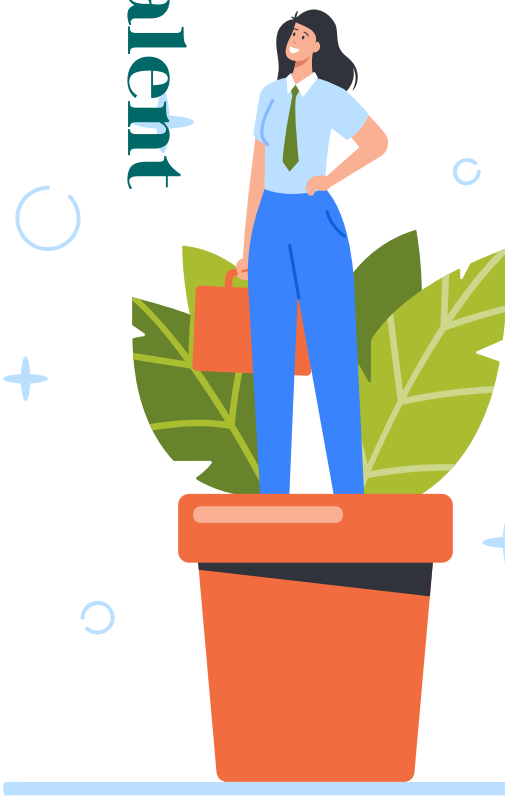
SUSTAINABLE DEVELOPMENT GOALS

PARTNERSHIPS FOR SUSTAINABLE DEVELOPMENT GOALS

Green and Sustainability Talent



Promotion and Implementation in Hong Kong

Building a Sustainable Development Life-Long Learning System

2003~2008 - Stage 1
Publicity, Exchange, and Interactive Learning

2009~2015 - Stage 2
Research and Development; Promotion and Enhancement

2016~2020 - Stage 3
Establishment of SDGs Lifelong Learning System

2021~2030 - Stage 4
Promotion of SDGs and Formation of Professional Committee for Further Enhancement of AI Integration into Education and Building of Lifelong Learning City of All

Stage 4 is an important stage of promoting ESD 2030 by creating new opportunities in the global crisis. Applied research will be carried out based on the forward-looking fundamental research by UNESCO for building an inclusive, open, peaceful, adaptive, and sustainable city to nurture talents while bringing the effect of dual circulation by providing local stakeholders with national and international networks and platforms.

Image source: Introduction to Hong Kong Qualifications Framework

Training Categories

- ***Professionals***
- ***Teachers***
- ***Youths***
- ***Students***

By reinforcing national and international exchange and cooperation, and through interdisciplinary and interdepartmental cooperation, solutions to problems and the path to sustainable development can be found for the promotion of learning cities with an emphasis on ecological civilisation and ESD and the realisation of the 2030 ESD roadmap.

Sustainable Corporates

Promote enterprises in different industries to set goals and implement sustainable development solutions

- *Recognised Sustainable Development Corporation*
- *Certified Sustainable Development Corporation*
- *Hi 17 SDGs Programme Series*
- *Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony*
- *Collaborate with Professional Institutions and Organisations Across Different Industries*
- *Net Zero Corporations*

Recognised Sustainable Development Corporation

The Recognised Sustainable Development Corporation (RSDC) certification is awarded by WISDP to companies that demonstrate determination and clear direction in contributing to the United Nations Sustainable Development Goals (UNSDGs).

RSDC's sustainable development actions can be in the early stages of development, while its future actions and plans are guided by the UNSDGs and support the achievement of these goals. RSDC certification is suitable for companies in any industry, any size, and at any stage of development. Sustainable businesses recognised by WISDP can use the RSDC name and RSDC logo to demonstrate the alignment of their business development direction with the UNSDGs.

China Resources Vanguard was presented the RSDC certificate at the "Rural Revitalisation with High-Quality Special Local Products cum World Food and Agricultural Expo (Shenzhen) 2023 Market Liaison" event.

Certified Sustainable Development Corporation

- Build a sustainable development business network
- Enhance positive brand value and reputation
- Assist companies to respond to relevant policy requirements
- Opportunities to participate in international SDG corporate events and forums
- Demonstrate industry leadership

As various stakeholders in society pay more and more attention to and demand that corporations disclose non-financial performances, companies are realising that enhancing their "environmental, social, and corporate governance (ESG)" performance is not only beneficial to corporate development, but also plays a vital role in the sustainable development of society as a whole.

Since its establishment, the World Institute of Sustainable Development Planners (WISDP) has thrived to carry out certification of Certified Sustainable Development Corporation (CSDC), which recognises companies that meet the requirements for supporting the United Nations Sustainable Development Goals based on professional evaluation standards, including business operations, strategies, ESG, culture, and achievements. Regular reviews of CSDC are conducted to provide guidance and recommendations on the company's sustainable development direction and planning.

In 2022-23, in addition to maintaining close cooperation with existing CSDCs such as SJM Resorts, S.A. (sustainable tourism), Julius Group (sustainable garments), and Sealtech Company (sustainable aviation components), we continued to expand the CSDC network to a wide variety of industries, including WTL International Limited (sustainable supply chain) and Forigin Decentralised Water Treatment Co.Ltd. (sustainable sewage treatment), reflecting the increasing leadership role of corporations in promoting sustainable development.

FORIGIN 福瑞萊

JULIUS GROUP

澳娛綜合度假股份有限公司 SJM RESORTS, S.A.

WTL® Win-win To Long

SEALTECH

T·Q·M

To maintain the high standard of our certification process, each CSDC needs to identify at least 4 sustainable development goals to which they make the greatest contribution and commit to the 10 United Nations Global Compact (UNGC) Principles. CSDC should incorporate the 4 actions into their corporate strategies and operations to become a responsible company that cares for the welfare of people and the planet.

WISDP

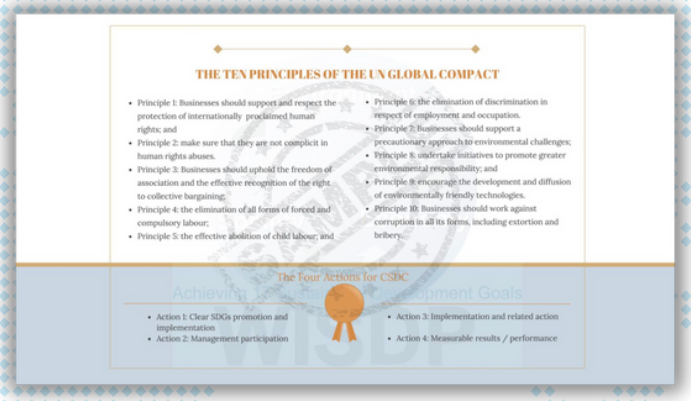
Membership No:
Year:

Certificate of Joining World Institute of Sustainable Development Planners as Certified Sustainable Development Corporation (CSDC) is given to

COMPANY NAME

for committing to respect the five principles of WISDP, to take action in support of United Nations Sustainable Development Goals and to submit annually a communication on progress.

Supporter Advisor Advocator


THE TEN PRINCIPLES OF THE UN GLOBAL COMPACT

- Principle 1: Businesses should support and respect the protection of internationally proclaimed human rights; and
- Principle 2: make sure that they are not complicit in human rights abuses.
- Principle 3: Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;
- Principle 4: the elimination of all forms of forced and compulsory labour;
- Principle 5: the effective abolition of child labour; and
- Principle 6: the elimination of discrimination in respect of employment and occupation.
- Principle 7: Businesses should support a precautionary approach to environmental challenges;
- Principle 8: undertake initiatives to promote greater environmental responsibility; and
- Principle 9: encourage the development and diffusion of environmentally friendly technologies.
- Principle 10: Businesses should work against corruption in all its forms, including extortion and bribery.

The Four Actions for CSDC

- Action 1: Clear SDGs promotion and implementation
- Action 2: Management participation
- Action 3: Implementation and related action
- Action 4: Measurable results / performance

Certified Sustainable Development Corporation

International · Professional · Credible · Multidisciplinary · Innovative

Field investigation by experts from the "Certified Sustainable Development Planner Examination and Certification Centre"

- Ir. Ho Chi-shing, Chairman of the Hong Kong Quality Assurance Agency
- Prof. Karen Cheung, President of the World Institute of Sustainable Development Planners

Forigin Decentralised Water Treatment Co.Ltd.
Focuses on comprehensive solutions for water safety and sewage management control, advocate and implement off-grid sewage management solutions.

WTL International Limited.
Focuses on building a sustainable supply chain by operating a self-owned brand, an agency brand, and independent trade import and export rights.

Certificates were presented to the CSDCs at the "Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony" after they have passed the field investigation

SJM Resorts, S.A. has partnered with HiESD for many years to organise "Sustainable Development Planning Certificate Training" for employees in the tourism, leisure, and entertainment industries.

"Macao Entertainment Comprehensive Responsible Gaming Promotion 2023- RG Competition Awards and Course Certificate Presentation Ceremony"

Hi 17 SDGs Programme Series

The Hi 17 SDGs programme series was launched in January 2021. It has been published on various multi-media platforms and gained popularity among international audiences over the years.

The programme is hosted by Prof. Karen Cheung, President of the UNESCO Hong Kong Association and Director of the Hong Kong Institute of Education for Sustainable Development, and Prof. Thomas C.C. Wong, Vice Chairman of the Sustainable Development and New Industrialisation Committee of the Chinese Manufacturers' Association of Hong Kong, who are both CSDP. In the first season, CSDP with different expertise were interviewed on the progress of the SDGs at the local and international levels; In the second season, the hosts visited CSDC in different industries and held conversations between business leaders, youth ambassadors, and high school students on how sustainable development was integrated into business models and corporate operations. In the third season, we explored the unique ways that different organisations, such as schools and social enterprises, promoted sustainable development.

Hi 17 SDGs逐個做

Hi 17 SDGs逐個行

Hi 17 SDGs逐個講

Total number of Episodes:

60

Global views:

> 10,000

Media Platforms:
Youtube, Facebook, Instagram, WeChat, SDGCAMPUS, Apple Podcast, Spotify, Google Podcast, ACT4SDGs, etc.

Hi 17 SDGs Programme Series

Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony

The Hong Kong Sustainable Development Innovation & Technology Summit 2023 Cum Awards Ceremony, organised by the WISDP, was held successfully on October 21, 2023, in the Charles K. Kao Auditorium, Hong Kong Science Park, with the support of the Innovative and Technology Commission of HKSARG, the Hong Kong Quality Assurance Agency (HKQAA), and HiESD.

The project focuses on innovation technology as an important way to achieve and promote sustainable development and demonstrates excellent cases of industrial and cross-industry applications of low-carbon, socially friendly, sustainable technology, management measures, and solutions. At the same time, the awards give recognition to innovation and technology talents, encouraging institutions from all industries to strengthen their efforts in talent cultivation. The forum promotes valuable technical and knowledge exchanges between Hong Kong, Mainland China, and international cities, promoting mutual benefits resulting from the enhancement of integrated development capabilities. The project unleashes the potential to develop technologies and talents in Hong Kong's critical stage of transition from chaos to order, strengthening Hong Kong's unique advantages in becoming an international innovation and technology centre.

Event news was published on the Hong Kong Economic Journal

Case studies of the award-winning organisations are compiled into the "Sustainable Development Innovation and Technology Solutions Report" and published on international platforms to enhance the local and international community's attention to technological sustainable development solutions.

Front row from left: Dr. Au King-lun, MH, Dr. Lam Ching-choi, BBS, JP, Prof. Herman Shao Ming HU, GBS, JP, Prof. Karen Cheung, Prof. Sun Dong, JP, Hon. Mr. Duncan Chiu, Dr. Hon Elizabeth Quat, JP, Ir. Thomas Ho On-shing, Mr. Wong Chuen Fai, Dr. Denis Yip
Back row from left: Prof. Chan Fung Cheung Wilson, Mr. Wilfred Wong Kam-pui, BBS, JP, Mr. Lai Yu Hang, Billy, Dr. Sam Kwok, Prof. Torin Fung, Dr. Cheung Tin-cheung, SBS, Mr. Ken Chung,Dr. Albert Wong, Dr. Jason Chan, MH, JP, Mr. Ronald Lau Yiu-Fai

Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony

In the morning, the "Hong Kong Sustainable Development Innovation and Technology Summit 2023" (the Summit) began with a welcoming remark by Prof. Karen Cheung, President of the UNESCO Hong Kong Association (UHKA) and WISDP; followed by officiating remarks by Prof. Dong Sun JP, Secretary for Innovation, Technology, and Industry of the HKSARG, and Mr. Duncan Chiu, Legislative Council Member of the Technology & Innovation Constituency.

During the summit, Mr. Wong Chuen-fai, JP, Climate Change Commissioner of the Environment and Ecology Bureau of the HKSARG, Dr. Au King-Lin, MH, Chief Executive Officer of the Hong Kong Financial Development Council, and Dr. Yip Cheng-fai, Chief Executive Officer of the Hong Kong Applied Science and Technology Research Institute, were invited as keynote speakers. The topics of the three speakers were "Promoting Green Technology Development Towards Carbon Neutrality," "Green and Sustainable Finance: Hong Kong's Development and Prospects," and "Smart Technology: Empowering a Sustainable Future," respectively.

The summit also invited Prof. Herman Hu SBS, JP, Hong Kong Delegate to the National People's Congress; Dr. Lam Ching-choi SBS, JP, Chairman of the Council for Carbon Neutrality and Sustainable Development of the HKSARG; Ms. Elizabeth Quat SBS, JP, Chairman of the Panel on Environment Affairs in the Legislative Council of the HKSARG, and Ir Thomas Ho On-shing, Chairman of the Construction Industry Council, to officiate the opening ceremony together.

In the afternoon, the "Hong Kong Sustainable Development Innovation and Technology Awards Ceremony" (the Award Ceremony) was held. The three aspects of the award—environmental, economic, and social aspects—included nine major categories of innovation and technology organisation awards and talent awards, for a total of 45 awards. It encouraged and called on all organisations and talents to demonstrate the application of their innovative technologies in promoting sustainable development. A total of 66 Hong Kong companies applied with more than 120 technology solutions. The award winners include renown organisations such as Bank of China (Hong Kong) Limited, Hong Kong Housing Authority, Hong Kong Productivity Council, Huawei International Hong Kong Co., Ltd., and Hong Kong Applied Technology Research. Panel sharings were hosted to enable award-winning companies and individuals to share their experiences on innovation, technology, and sustainable development, including those from the Institute of Technology and CLP Power Corporation Limited.

Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony

The award judging panel is chaired by Ir. Ho Chi-shing, Chairman of the HKQAA, and invited 12 academics and professionals from different fields, including Dr. Cheung Tin-cheung, SBS, Chairman of the Hong Kong Green Building Council, and Mr. Wilfred Wong Kam-pui, BBS, JP, Chairman of the Qualifications Framework "Human Resources Management" Cross-Industry Training Advisory Committee, Dr. Jason Chan, MH, JP, Deputy Dean (Information and Development) of the College of Professional and Continuing Education of the Hong Kong Polytechnic University, Prof. Alvin Yip, Visiting Prof. of the Institute of City Design and Innovation of the Central Academy of Fine Arts, Dr. Yau Yat, Executive Director of the Academy of Chinese Studies, Mr. Lai Yu Hang, Billy, Deputy Director of SGS Hong Kong Knowledge Solutions, Dr. Cheung Tin-cheung, SBS, Chairman of Hong Kong Logistics Chamber of Commerce, Mr. Ronald Lau Yiu-Fai, Honorary President of Hong Kong Food Council, Dr. Sam Kwok, President of Hong Kong Institute of Economists, Dr. Albert Wong, Partner of Public Affairs Consulting Services of PricewaterhouseCoopers Hong Kong, Prof. Torin Fung, President of the Hong Kong Association for the Advancement of Science and Technology, and Prof. Albert Lee, Director of the Centre for Health Education and Health Promotion of the Chinese University of Hong Kong, fully reflected the professionalism of the award.

Congratulations of Jury Awards

Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony

The event also released the "Sustainable Development Innovation & Technology Solutions Report (the Report)," which summarises all reports from the awarding organisations. It was based on innovative technology solutions for social, economic, and environmental sustainability, hoping to provide guidance and references for organisations in different industries to implement innovative sustainable development transformations. The E-version of the report was released after the event on various international media platforms.

More than 200 guests attended the event in-person, including outstanding innovation and technology talents , representatives from participating organisations, and experts from different fields. The event was broadcast online, achieving more than 25,000 views, attracting the attention of the international community, and achieving a pleasant result.

Organiser

WISDP

Funding Organisation

創新科技署 Innovation and Technology Commission

Supporting Organisations

HKQAA 香港品質保證局 | UNESCO | HiESD

Supporting Units

建築署 Architectural Services Department | 規劃署 PLANNING DEPARTMENT | 香港特別行政區 環境保護署 | CEDD 香港特別行政區政府 土木工程拓展署 | 機電工程署 EMSD

路政署 HIGHWAYS DEPARTMENT | 香港房屋委員會 Hong Kong Housing Authority | 水務署 Water Supplies Department | 香港工業總會 FHKI | FHKB 香港品牌總商會

HKIE THE HONG KONG INSTITUTION OF ENGINEERS 香港工程師學會 | hkira | 香港中華廠商聯合會 The Chinese Manufacturers' Association of Hong Kong | IMCHK 香港管理顧問學會 | MBA CityU | Gratia Christian College 宏恩基督教學院

Sponsors

集链产合 INTERECHAIN

Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony

Award Winning Companies

Green Finance Innovation and Technology	Distinction Award	ProMEX Limited
Green Finance Innovation and Technology	Outstanding Award	Carbon Exchange (Hong Kong) Limited
Green Finance Innovation and Technology	Excellent Award	Bank of China (Hong Kong) Limited
Green Finance Innovation and Technology	Excellent Award	Baiwang Co., Ltd.
Green Finance Innovation and Technology	Excellent Award	Areix Analytics Limited
Green Building Innovation and Technology	Distinction Award	Hong Kong X-Wheel Intelligence Technology Limited
Green Building Innovation and Technology	Distinction Award	Yau Lee Holdings Limited
Green Building Innovation and Technology	Outstanding Award	Zilver Limited
Green Building Innovation and Technology	Excellent Award	Hong Kong Housing Authority
Green Transportation Innovation and Technology	Distinction Award	Hong Kong Applied Science and Technology Research Institute
Green Transportation Innovation and Technology	Outstanding Award	Huawei International Company Limited
Green Transportation Innovation and Technology	Excellent Award	Hong Kong Productivity Council
Green Transportation Innovation and Technology	Excellent Award	Yau Lee Holdings Limited
Cultural Heritage Innovation and Technology	Distinction Award	ESG and Green Finance Limited
Cultural Heritage Innovation and Technology	Outstanding Award	KamCha Franchising Co. Ltd.
Cultural Heritage Innovation and Technology	Excellent Award	Reality Capture Hong Kong Limited
Food Safety Innovation and Technology	Distinction Award	Farm66 Investment Limited
Food Safety Innovation and Technology	Outstanding Award	Meat the Next Company Limited
Food Safety Innovation and Technology	Excellent Award	Hong Kong Applied Science and Technology Research Institute
Healthcare Innovation and Technology	Distinction Award	O-Spheres Limited
Healthcare Innovation and Technology	Outstanding Award	INNOTIER Limited
Healthcare Innovation and Technology	Excellent Award	JIYING TECHNOLOGY CO., LIMITED

Hong Kong Sustainable Development Innovation & Technology Summit 2023 cum Awards Ceremony

Award Winning Companies

Resource Recycling Innovation and Technology	Excellent Award	New Life Plastics Limited
Resource Recycling Innovation and Technology	Outstanding Award	ATAL Engineering Ltd
Resource Recycling Innovation and Technology	Distinction Award	Huawei International Company Limited
Towards Net Zero Innovation and Technology	Excellent Award	Llewellyn and Partners Company Limited
Towards Net Zero Innovation and Technology	Outstanding Award	Huawei International Company Limited
Towards Net Zero Innovation and Technology	Distinction Award	CLP Power Hong Kong Limited
Ecological Conservation Innovation and Technology	Excellent Award	FlyFarm Systems Limited
Ecological Conservation Innovation and Technology	Outstanding Award	ATAL Engineering Ltd
Ecological Conservation Innovation and Technology	Outstanding Award	Zilver Limited
Ecological Conservation Innovation and Technology	Distinction Award	O-Spheres Limited

Award Winning Talents

Green Finance Innovation and Technology Towards Net Zero Innovation and Technology	Outstanding Talent Award	Mark HO Kwai Ching
Green Building Innovation and Technology	Outstanding Talent Award	LI Mengwan
Food Safety Innovation and Technology	Outstanding Talent Award	Ho Ho Tak
Healthcare Innovation and Technology	Outstanding Talent Award	Leo Song Yi Bin
Resource Recycling Innovation and Technology Ecological Conservation Innovation and Technology	Outstanding Talent Award	Constant Tedder
Green Finance Innovation and Technology Cultural Heritage Innovation and Technology	Outstanding Talent Award	Tsoi Hiu Ching
Green Building Innovation and Technology Green Transportation Innovation and Technology	Outstanding Talent Award	Rosana Wong
Healthcare Innovation and Technology	Outstanding Talent Award	Lily Wu Juan Li
Resource Recycling Innovation and Technology	Outstanding Talent Award	Alfy Weston
Towards Net Zero Innovation and Technology	Outstanding Talent Award	Juliana Lam

Collaborate with Professional Institutions and Organisations Across Different Industries

On December 1, 2022, the World Institute of Sustainable Development Planners supported the "Blue Society Summit 2022," hosted by the Chinese Manufacturers' Association of Hong Kong (CMA). Prof. Karen Cheung, President of the UNESCO Hong Kong Association and President of WISDP, was invited to deliver a speech, sharing the latest progress in the field of marine protection at UNESCO and the new agreements reached at COP27.
The summit called for collaboration between the government, businesses, and educators in Hong Kong and abroad to discuss and share sustainable development solutions and raise awareness for marine protection.

In 2023, the UHKA supported the "ESG Pledge Scheme" initiated by the Chinese Manufacturers Association of Hong Kong (CMA). Prof. Karen Cheung was invited as a judge and a guest for the award ceremony.

The scheme aims to call for attention from Hong Kong's business community to implement sustainable development practices, encourage industry leaders to improve ESG performances as specified in the pledge, and work together to create a sustainable future. The initiative has been overwhelming popular, with a total of 482 companies from various industries joining the scheme in 2023.

On June 15, 2023, Prof. Karen Cheung was invited as a judge for the "Ming Pao ESG Award 2023" and attended the award ceremony. She was also interviewed by Ming Pao on the topic of green talents, in which she emphasised that there are a number of critical components that would allow Hong Kong to develop into a green finance centre, including a stable system, a well-functioning capital market, active investors, support for green ideas, community consensus, the provision of financial services, solid infrastructure, and a strong talent bank.

Collaborate with Professional Institutions and Organisations Across Different Industries

In 2023, the HIESD supported the "ESG Achievement Award 2022/2023" organised by the Institute of ESG & Benchmark Institute (IESGB). Prof. Karen Cheung was invited to be the judge. A total of 59 awards covered 9 categories, giving recognition to award-winning companies and organisations for their outstanding contributions to fulfilling the sustainable development agenda, social responsibilities and corporate governance.

Mr. Joseph Chan Ho-lim, JP, Under Secretary for Financial Services and the Treasury of the Government of the HKSAR delivered an opening speech at the award ceremony.

Since 2021, HiESD has supported the "GBA Corporate Sustainability Awards" hosted by Metro Finance for three consecutive years, and Prof. Karen Cheung was invited to be the judge for every year's award. Many well-known award-winning companies have also applied to become RSDC, including Principal Financial Group, Henderson Land Development, Hong Kong Housing Society, China Resources Enterprise Limited, HUTCHMED, etc. WISDP will continue to provide RSDC with professional training and publicity opportunities, enabling them to demonstrate their determination and impact in promoting sustainable development goals.

On December 2-3, 2023, the 6th Greater Bay Area Development and Educational Innovation Academic Conference and the Re-election of the Professional Committee for Educational Cooperative Development in Guangdong-Hong Kong-Macao Greater Bay Area of the Guangdong Society of Education were successfully held in Zhongshan with the theme "The integrated development of education, technology, and talent in the Greater Bay Area in a powerful nation of education.". Prof. Karen Cheung delivered a keynote speech on "ESD for 2030: Future Talent Cultivation" at the conference.

Collaborate with Professional Institutions and Organisations Across Different Industries

On June 21, 2022, WISDP and the Institute of Management Consultants Hong Kong signed a memorandum of cooperation to launch a mutual recognition programme for CSDP and Certified Management Consultant (CMC) members. Sustainable development planning is a cross-disciplinary professional skill that complements the nature of management consulting services. It is believed that climate change and sustainable development are factors that must be taken into consideration in future management consulting and analysis practices. After signing the memorandum, two sessions of the member mutual recognition trainings were conducted in September 2022 and August 2023, respectively, receiving very pleasing feedback.

This collaboration accelerates the establishment of a network of sustainable development planning professionals. The participation of professionals from different industries can provide members with more exchange and learning opportunities, jointly promote sustainable development goals, share experiences and cases, and expand the professional forces that contribute to promoting the achievement of the SDGs in 2030 and 2050, Hong Kong's net zero target.

On September 2, 2022, the HIESD and the Hong Kong Federation of Trade Unions Continuing Education Centre signed an agreement for cooperation. The Hong Kong Federation of Trade Unions consists of a total of 254 trade unions, covering a wide range of industries, with more than 410,000 members.

Since signing the contract, we have jointly launched a number of courses for local practitioners from all walks of life in Hong Kong, including:

- Proficiency Training for Practitioner in Sustainable Development Planning
- Sustainable Development Planning Report Practical Workshop
- UNESCO "Future of Education" Thematic Seminar Series

The WISDP supported the "Sustainability and Carbon Credits" seminar, which was successfully held on December 15, 2023. The event was hosted by Asian Carbon Credit Limited, and H. H. Sheikh Ali Rashed Al Maktoum was invited to deliver a speech as the officiating guest. He emphasised the important role of carbon trading and carbon credits in promoting global sustainable development, and invited countries around the world to join hands to promote energy transition using the power of green finance.

Collaborate with Professional Institutions and Organisations Across Different Industries

On December 18, 2023, the Chamber of Hong Kong Logistics Industry held the seventh council inauguration ceremony and 18th anniversary dinner. Prof. Karen Cheung and Mr. Andy Fung, senior lecturer at HiESD, were invited to attend the ceremony and dinner.

The logistics industry is one of the key industries for low-carbon transformation. We maintain close cooperation and jointly offer professional integration courses on sustainable development planning, ESG, and sustainable logistics.

The annual dinner of the "Hong Kong Institute of Certified Property Managers (HKICPM)" was held on November 17, 2023. Prof. Karen Cheung was invited to attend the dinner and extend her congratulations to Dr. Lobo Fung, President of the HKICPM. We worked closely with HKICPM to promote sustainable development in the property management industry and released an online webinar in 2021.

HiESD collaborated with the Hong Kong Food Hygiene Administrators Association to launch the Sustainable Development Practitioners in Food Safety - HACCP (Level 2) course as a professional integration module of the "ESG & SDP & Greenhouse Gas Accounting" Professional Integration Course Series.

The Second Annual Conference of the China Academic Committee for Responsible Management Education (RME) and the China Forum on Responsible Management Education and Sustainable Development were successfully held in Suzhou and Changzhou, Jiangsu Province, China, from May 17th to 19th, 2023. The conference was held under the guidance of the Principles for Responsible Management Education (PRME), with UHKA serving as the supporting organisation, and HiESD as the co-organiser.

Prof. Karen Cheung and Ms. Americana Chen, Youth Affairs Coordinator of UHKA, attended the forum and delivered keynote speeches from the unique perspective of Hong Kong under its "One Country, Two Systems" international city status.

Net Zero Corporations

The "Net Zero Corporations" project was launched in March 2022. "SJM Resorts, S.A." became the first company participating in the project to complete the carbon audit trainings, establish a carbon account, a carbon emission baseline, submit the report, pass the audit, and receive a certificate. To encourage more companies to take the first step towards carbon neutrality, we will aim to make adjustments to the plan to facilitate companies' implementation in response to their own development stages.

At the same time, SJM Resorts, S.A. has been certified as a CSDC by the WISDP for many consecutive years. On July 9, 2023, Prof. Karen Cheung, Ir Ho Chi-shing, and Mr. Andy Fung, represented the WISDP expert team to conduct an annual review of SJM Resorts, S.A.'s sustainable development performance, and present the 2023 CSDC certificate.

The review of CSDC is based on the ten principles of the UN Global Compact and the four major actions of CSDC, which require companies to integrate 5 or more United Nations Sustainable Development Goals (SDGs) into their business plans. The certification enables businesses and their stakeholders to showcase their sustainability efforts. SJM Resorts, S.A. presented its 2022 Environmental, Social and Governance Reports, and the expert panel reviewed its progress in fulfilling the prioritised SDGs, the results of the actions, and gave insightful and practical suggestions.

Sustainabile Talents

From primary and secondary schools to youth, from teachers to industry professionals, establishing a lifelong learning system for the Sustainable Development Goals

- *Professional Training and Certification for Sustainable Development Planning*
- *Empowering Teachers - Promoting Education for Sustainable Development*
- *Green Citizens Youth Ambassador (GCYA)*
- *Green Talent Training for Students*

Professional Training and Certification for Sustainable Development Planning

Advantages of CSDP

Proof of your achievements in SDP
Be part of a professional community
recognised professional status and certificates
CSDP could use the logo on their business cards
Discounts on sustainability-related professional training courses

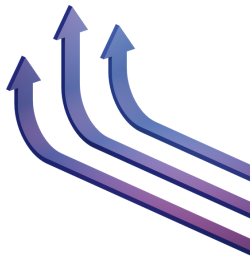
WISDP builds a platform and network for CSDP to communicate and share experiences in implementing sustainable development solutions within and across industries. It also provides training and organises workshops, seminars, and site visits to help CSDP achieve long-term career goals. In 2023, the number of CSDPs exceeded 300.

Wang Wenzhao, CEO of Forigin Decentralised Water Treatment Co.Ltd. assisted the company to become a CSDC after becoming a CSDP.

Sustainable development is "people"-oriented, and talent is also one of the core factors in promoting sustainable development.

WISDP recognises individuals who have met professional standards in Sustainable Development Planning (SDP) and have accumulated relevant work experiences by providing Certified Sustainable Development Planners (CSDP) certification to professionals.

WISDP executives evaluate applicants' sustainable development-related industry experience, knowledge background, abilities, skills, and values based on professional standards through a variety of methods, including interviews and examinations.



Such an interdisciplinary certification helps the recipients demonstrate their professionalism and ability to integrate sustainable development into their careers, industries, and positions, recognising industry leaders with the skills, passion and expertise to advance sustainable development.

CSDP can further assist its companies in applying to become CSDC. He/she could use his/her professionalism in SDP to improve sustainable development policies, strategies, practices, evaluation, and optimisation processes, lay a solid foundation for companies to operate sustainably, and maximise their positive contribution to global social, environmental, and economic development.

Professional Training and Certification for Sustainable Development Planning

Certified Sustainable Development Planner (CSDP)

3+ Years of Full-Time Working Experience in Relevant Fields

Post-Graduate Diploma in SDP

(Eligible to apply for WISDP Professional Member)

Holder of or working towards bachelor degree

Obtain 75% in CSDP Examination (80 MCQ+3 Scenario Questions) (Examination Fee *HK$6000)*

OR

6000 Words SDP Report
(Completed within 9 months from enrollment, 1 hour of Q&A meeting included. A tutor will be assigned to guide the student. Report can be written in English or Chinese)
(HK$ $5,000 + HK$1,000 Recognition of Prior Learning (RPL) Application Fee)

Executive Diploma in SDP

(Eligible to apply for WISDP Associate Member)

Finance, linsurance or related professionals with 7+ yrs of working experiences

Pass the Exam
(Exam Revision Sessions Provided)

Or

Complete any 1 of the 18 hours ESG&SDP&GHG Accounting & Professional Integration Course

ESG & SDP & GHG Accounting & Professional Integration Course

+

Professional Area Options

- Green Building
- Sustainable Supply Chain Management
- Sustainable Practitioners in Food Safety
- ESG Report Generation Platform
- Sustainable Transport (Logistics)
- Business Management
- Property Management
- Sustainable Community
- Business Mediation

Higher Diploma **or** Associate Degree **or** 7+ yrs of working experiences

Proficiency Certificate in SDP

(Eligible to apply for WISDP Associate Member)

80% or Above in Assessment (30 MCQ)

Proficiency Certificate in SDP

- Positioning of sustainable development planning
- Environmental sustainability strategies and its impact on the economy and the society
- Sustainable Development Strategy Planning for the healthy development of economy and the society

Anyone intersted in sustainbale development

Professional Training and Certification for Sustainable Development Planning

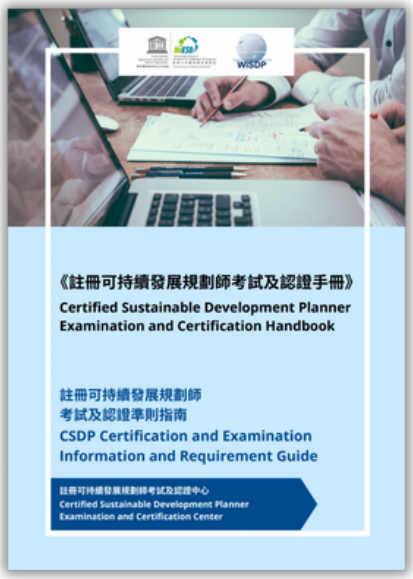
Course Information

CSDP Certification - expand your career horizon in the age of rising global demand for green talents

Unprecedented green transformation is emerging rapidly in not only traditional industries such as energy, transportation, and industrial production, but also in finance, technology innovation, and the construction industry. And with it comes the demand for relevant talents. By providing three pathways to becoming CSDP, namely training, examinations, and report writing, we encourage more professionals to learn and apply SDP in their industries.

CSDP Examination

As the secretariat of WISDP, in order to further enhance the professional capabilities of sustainable development planning, HiESD has established an independently running "Certified Sustainable Development Planner Examination and Certification Centre" (Exam and Certification Centre) based on the "Global Sustainable Development Leadership" competency framework of the UN Global Compact. The Exam and Certification Centre aims to pave the road to greater success for sustainable development planning talents in various industries, to expand challenging but realistic and effective cross-disciplinary and cross-industry sustainable development solutions, and to promote the realisation of global sustainable development goals. The examination is a very popular pathway among professionals and takes place in April, August, and November every year.



SDP Report

HiESD also provides the "Sustainable Development Planning Report Practical Workshop " for those who wish to go with the report writing pathway. The course aims to enable students to understand the concepts of ESD and SDP reporting, and provide in-depth analysis of the ESG development progress in six Asia-Pacific regions, including Hong Kong, Japan, Taiwan, Thailand, Vietnam, and India. The development process. The development process of Hong Kong is compared with that of the other five Asia-Pacific regions. After completing the course, learners are expected to be able to independently write a "SDP Report" from an international perspective.

Professional Training and Certification for Sustainable Development Planning

Course Information

CSDP Certification - expand your career horizon in the age of rising global demand for green talents

Sustainable development and ESG-related knowledge and skills have become the latest keywords in the talent market.

ESG & SDP & GHG Accounting & Professional Integration Course Series

10 Intakes during 2022-23

>300 professionals trained

Professional Integrations Include

- Green Building
- Sustainable Green Transport
- Business Management
- Sustainable Supply Chain Management
- Sustainable Food Safety Practitioner
- Sustainable Community
- Property Management
- ESG Report Generation Platform

A unique professional integration course on the ESG report generation platform was launched. Students can complete the preparation of an ESG report in accordance with the regulations within one day.

HKEX 香港交易所 TCFD SUSTAINABLE DEVELOPMENT GOALS

In September 2023, the first class of the course taught in Madarine Chinese was offered to help the Greater Bay Area build a sustainable development talent pool.

Professional Training and Certification for Sustainable Development Planning

Course Information

CSDP Certification - expand your career horizon in the age of rising global demand for green talents

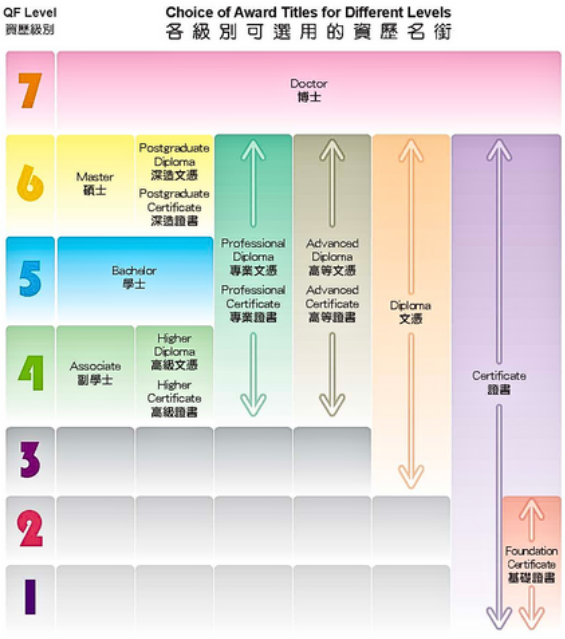
In order to cultivate more SDP talents, the HiESD has launched SDP courses for professionals at different stages of their career development, many of which have been recognised and funded by the government.

ESG & SDP & GHG Accounting & Green Finance Professional Integration Course

The course was successfully included in the "Pilot Green and Sustainable Finance Capacity Building Support Scheme" administered by the Secretariat of the Centre for Green and Sustainable Finance of the government of HKSAR. The scheme is committed to promoting green and sustainable finance talents, addressing climate-related financial risks, raising market awareness as well as participation, thereby strengthening Hong Kong market players' capacity on GSF, expanding the talent pool, and enhancing capacity building for practitioners as well as prospective practitioners.

Each eligible applicant can receive a subsidy of up to 80% of the training cost, while full-time students can receive 100% of the training cost subsidy.

Green Finance Professional Integration Lesson



資歷架構 Qualifications Framework

持續進修基金 Continuing Education Fund

Certificate in Sustainable Development Planning (Elementary) (QF Level 3)

- The course begins with the fundamentals and equips practitioners with the knowledge and skills for SDP.
- The course is recognised under the Qualifications Framework as meeting the accreditation standards at Qualifications Framework Level 3 (Field: Business and Management; Registration Number: 23/000117/L3; Registration Validity Period: 31/01/2023 to 30/01/2025).
- The course has been included in the list of reimbursable courses under the Continuing Education Fund. After completing the course and passing the exam, students can apply for tuition reimbursement from the Continuing Education Fund.

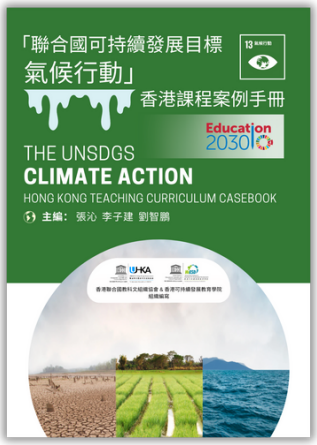
Empowering Teachers - Promoting Education for Sustainable Development

Course Information

HiESD launched the "UNSDGs Certified Teacher Training" in 2021 and has completed 8 intakes in 2022-2023. The training empowers primary and secondary school teachers and other educators with relevant knowledge to integrate sustainable development into classroom teaching practices, cultivate students with cross-disciplinary skills through students' cross-field abilities through the cognitive, social, emotional, and behavioural dimensions, and ultimately contribute to promoting the achievement of the UNSDGs through education. After completing the training, teachers can lead their schools to build the "Future Education Innovation Lab (FEI Lab)".

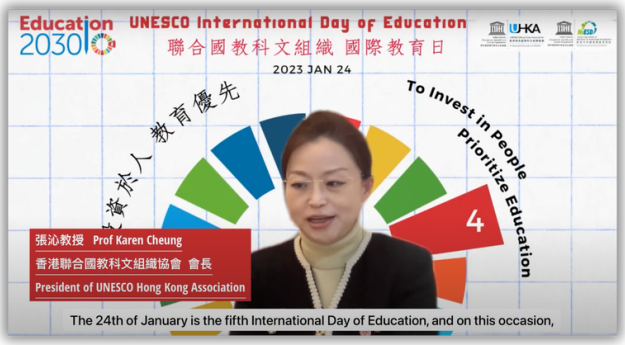
As part of the training evaluation, teachers submitted teaching plans based on the theme of "Climate Action", which were then reviewed by professional principals and educators. Participating teachers were encouraged to bring their teaching plans into classrooms. As of 2022, more than 160 educators have completed the training and submitted their teaching plans.

Teaching plan presentation was reviewed by principals and prestigious educators



The revised and selected teaching plans for primary and secondary schools were compiled into the "UNSDGs Climate Action Hong Kong Teaching Curriculum Casebook" (the Casebook), which was officially published on January 24, 2023, the United Nations International Day of Education.

The casebook will motivate UNSDGs certified teachers to integrate sustainable development into teaching practices and allow countries and regions to learn from each other. It will also act as a reference and inspire more educators of all disciplines to actively participate in education for sustainable development, and cultivate future talents for sustainable development.



"The UNSDGs Climate Action Hong Kong Teaching Curriculum Casebook" was published online

Empowering Teachers - Promoting Education for Sustainable Development

Course Information

On January 20, 2023, in response to the ***"United Nations International Day of Education (January 24),"*** the HiESD held the ***"UNSDGs Certified Teachers Education for Sustainable Development Forum."*** Prof. Karen Cheung delivered an opening speech and hosted the forum, while UNSDGs certified teachers actively participated in the discussion.

In the sharing session of outstanding lesson plans, the Vice Principal Ms. Chan, Wing Yin, the Department Heads Mr. Leung and Mr. Yan from the Salesians of Don Bosco Ng Siu Mui Secondary School, and Ms. Lam from Ho Lap Primary School (sponsored by Sik Sik Yuen) presented the "Climate Action" curriculum they designed.

In the roundtable discussion, Prof. Karen Cheung, Mr. Lee Siu-hok, William, Permanent Honourable Chairman of the Hong Kong Council for Education Administration, Dr. Lam Kin Wah, BBS, MH, chairman of the Hong Kong Academy of School Managers, Mr. Lau Sai Chong, Principal of the CMA Choi Cheung Kok Secondary School, Ms. Lau from the Wong Shiu Chi Secondary School, and Mr.Shek from St. Paul's College shared the progress, effectiveness, challenges, and their experiences of implementing ESD in schools from different perspectives. The roundtable discussion was also broadcast on the "Hi17SDGs" programme.

On September 23, 2023, in response to the ***UNESCO "Future of Education" initiative and the UN World Teachers' Day (October 5)***, HiESD organised the ***"Future Education Innovation Forum"*** under the sponsorship of the Hong Kong Federation of Education Workers.

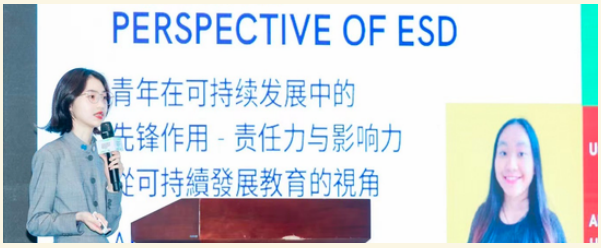
The event demonstrated a wide variety of projects that could be implemented in the Future Education Innovation Lab and discussed with principals and teachers the implementation of ESD in on-campus and off-campus activities and lessons through experiential teaching projects. The carbon emissions in the event venue were monitored in real time to allow participants to understand and experience the concept of a "Net Zero Exhibition Room" and how these could be applied in STEAM projects.

Green Citizens Youth Ambassador (GCYA)

The GCYA project was launched in 2021 in response to the initiation of the "UNESCO Green Citizens" Project globally, which encourages local institutions to launch innovative and impactful sustainable development initiatives and actions. GCYA are aspiring university students from different majors and young professionals from various industries, who share a common vision and passion to promote sustainable development with their knowledge and projects. After careful screening, more than 30 youths joined as new members in 2023. On August 5, 2023, the certification ceremony for GCYA, a lunch gathering with CSDP, and a field trip to the "Link Sustainability Lab" were organised to celebrate the UN International Day of Youth.

The event provided an important platform for youths to exchange insights with professionals, helping youth to understand the application of sustainable development in industries, while allowing professionals to share their perspectives with youths, stimulating an innovative collision of ideas for sustainable development.

On May 31, 2023, Dr. Chan Ho-sun, Senior Environmental Protection Officer of the Environmental Protection Department of the HKSARG, was invited for a discussion with youth ambassadors on the "Proposal on Solutions to Plastic Pollution in Hong Kong by Student Delegates," written and submitted by the GCYA.



Youth Affairs Coordinator Miss. Americana Chen shared the sustainable development actions of GCYA at the "Second Annual Conference of the China Academic Committee for Responsible Management Education" and won second place.

GCYA Mr. Charles Lam was appointed as a member of the Environment and Conservation Fund Committee of HKSARG through the fifth phase of the "Member Self-Recommendation Scheme for Youth.".

Green Citizens Youth Ambassador (GCYA)

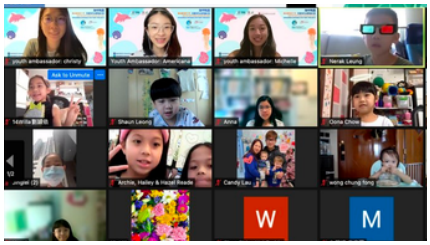
2023 Total Volunteering Hours

≈ 1000 hrs

Hong Kong Sustainable Development Innovation and Technology Summit Cum Award Ceremony

GCYA Interviewed by South China Morning Post (SCMP)

2023 UN International Mother Earth Day HK Action Exhibition



United Nations Ocean Decade Children Oceanic Pottery Project - Exhibition and Award Ceremony, Online Marine Science Workshop

Model UNESCO Conference - GCYA as president, vice-president, timer and helper

Towards Net Zero Event Recognition Scheme CSDP Co-ordinator

ESD Learning Programme - Youth Mentorship

Hi17SDGs programme - GCYA participation in the show

"Sustainable Development and Carbon Credits" Seminar

"O.Park" Field Trip

Towards Net Zero School Project

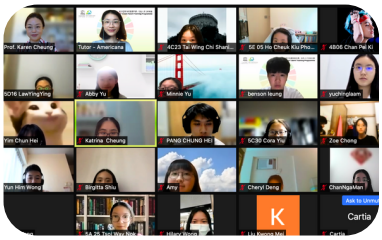
UNESCO International Day of Education Event

Green Talent Training for Students

HiESD has been providing the "UNSDGs Secondary School Green Talent Training Programme," which introduces the UNSDGs, Carbon Neutrality, and ESG, fundamentals of sustainable development planning, to cultivate leadership, critical thinking, systematic thinking, and crucial cross-disciplinary skills for future leaders. The feedback on the course has been very optimistic, more than a hundred secondary school students have completed the training, and 90% of them responded positively. 95% of the students agreed that "the course has strengthened my understanding of sustainable development."

The course trains students' ability to analyse and apply sustainable development knowledge and enhances students' understanding of how sustainable development has been implemented in the industry, thereby cultivating young and ambitious green talents who could take action and participate in this global movement.

Visit to the CLP Power Low Carbon Energy Education Centre



St. Paul's Secondary School

On October 16, 2023, HiESD completed the green talent training programme for secondary Form 3 and Form 4 students from St. Paul's Secondary School, which is a member school of the UHKA.

The lessons were taught in the form of lectures, interactive workshops, and case study analysis. To access their learning outcomes, students were tasked with analysing a corporate ESG report and presenting their work to the class. Professional judges gave feedback to the students before a certificate of completion was awarded.

Green Talent Training for Students

On August 17, 2022, the "Green Curriculum Journey" was provided by HiESD as an award for students and teachers who won awards at the fifth "My Interfaces with the Belt and Road Initiative" competition. Participating schools included Po Leung Kuk Lo Kit Sing (1983) College, Po Leung Kuk Tang Yuk Tien College, Ho Yu College and Primary School (Sponsored By Sik Sik Yuen), The Chinese Foundation Secondary School, C.C.C. Chuen Yuen College, and Bishop Hall Jubilee School.

The two-day journey comprised expert lectures, case study analysis, workshops on the fundamentals of writing sustainability reports, field trips, and sharing sessions on the theme "How to achieve the carbon neutrality goal by 2050." Students were awarded the Certificate in Sustainable Development Planning issued by HiESD and became eligible to apply for WISDP student membership after submitting their project report.

Macau SenMing Charity Association - "Sustainable Energy and Green Skills for the New Generation" and "Model United Nations Conference" Training Programme for Youths

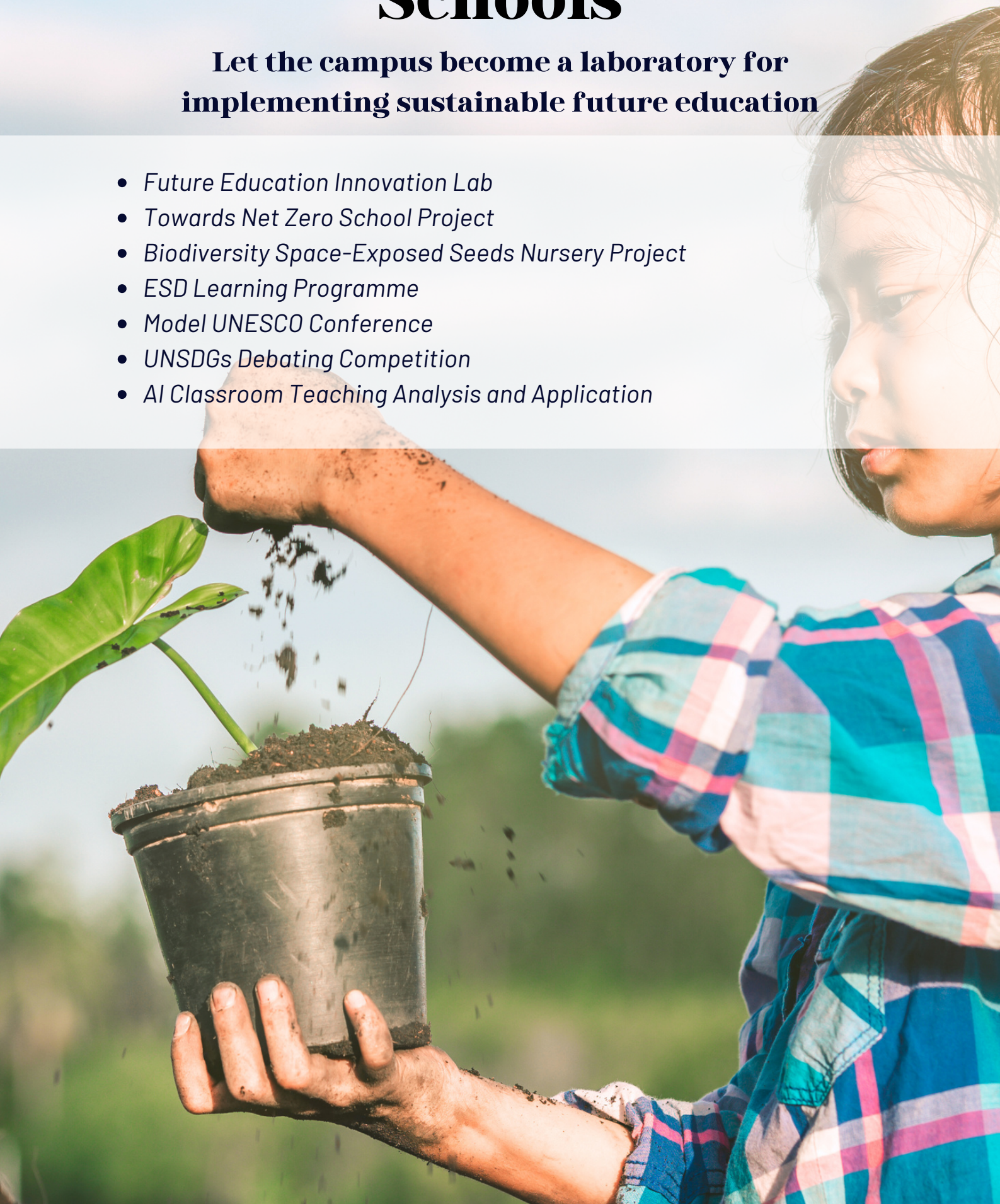
From July 8 to 9, 2023, HiESD was invited by the Macau SenMing Charity Association to deliver training programmes for youths on the topic of green skills and model United Nations conferences.

The former aims to give students insights into sustainable energy and development trends, encouraging them to become the new generation of green talents, while the latter aims to broaden young people's international horizons and cultivate responsible global citizens.

Sustainable Schools

Let the campus become a laboratory for implementing sustainable future education

- *Future Education Innovation Lab*
- *Towards Net Zero School Project*
- *Biodiversity Space-Exposed Seeds Nursery Project*
- *ESD Learning Programme*
- *Model UNESCO Conference*
- *UNSDGs Debating Competition*
- *AI Classroom Teaching Analysis and Application*



Future Education Innovation Lab

FEI LAB

The FEI Lab aims to:

- Practice the new social contract of education, promote innovative transformation of teaching and learning methods, adopt collaborative pedagogy , continue to develop the system of knowledge and curriculum sharing, and reshape teaching as a collaborative profession.
- Adopt the new teaching method of "Future Education", implement question based learning, experiential and scenario teaching methods, encourage students to think and apply solutions to challenges from diverse perspectives, stay updated with the latest educational international exchanges, participate in the sharing of the latest technology by the industry and utilize theme to conduct student experiments.
- Cultivate students' competencies for sustainable development, including: system thinking, anticipatory, normative ability, strategic planning, collaboration, self-awareness, critical thinking, and comprehensive problem-solving competency. Enable students to become independent, ethical thinkers and actors, equip them with the ability to work with others, develop their proactive learning ability, responsibility, empathy, creative thinking, and other socio-emotional skills.
- Based on specific goals and evidence based solutions, learn the basic methods and applications of sustainable development planning.
- Assist student study groups to solve problems, discuss ideas, formulate solutions to problems, and provide guidance in different subjects.

Members of the FEI Lab:

- At least one "UNSDGs Certified Teacher" (certified by the HiESD)
- At least five teachers from different subjects (including I.T teachers, civics and social studies teachers, mathematics teachers, STEAM teachers, Chinese teachers, biology teachers, etc.)

Innovative activities:

- Carbon literacy and low-carbon lifestyle, Net Zero Schools
- Model UNESCO Conference
- Net zero activities and exhibition room experiences
- Space Exposed Seeds Nursery Project
- AI classroom teaching analysis
- World heritage and intangible cultural heritage school activities

Interdisciplinary collaboration to implement innovative educational projects for ESD

Towards Net Zero School Project

From 2022 to 2023, the UHKA received funding from the Sustainable Development Fund of the HKSARG to launch the "Towards Net Zero School Project" (the Project). After completing a series of training and data collection activities, 10 primary and secondary schools in Hong Kong established their first carbon account book, completed carbon audit reports, and were awarded the certificate of recognition. The project provides clear guidance and suggestions for schools to gradually optimise and reduce emissions, carry out relevant teaching activities, and develop towards a net zero school.

A8 中環縱橫 信報50 2023年10月17日 星期二

十校完成碳審計報告 成為邁向碳中和學校典範
全面推動碳中和融入STEAM教學 培養未來綠色人才

師生共參與，建立綠色校園

碳中和融入STEAM教學，未來教育創新突破

碳審計展望體驗及研學

碳索者與低碳生活

Press Release: Hong Kong Economic Journal

Participating schools:

- Chinese Foundation Secondary School
- CMA Choi Cheung Kok Secondary School
- Diocesan Girls' School
- HKFEW Wong Cho Bau School
- Immaculate Heart of Mary College
- Ma On Shan St. Joseph's Primary School
- Pui Kiu College
- St. Paul's College
- Tuen Mun Catholic Secondary School
- Toi Shan Association College

At the student level: Carbon neutrality and low-carbon lifestyles—from awareness to behavioural change

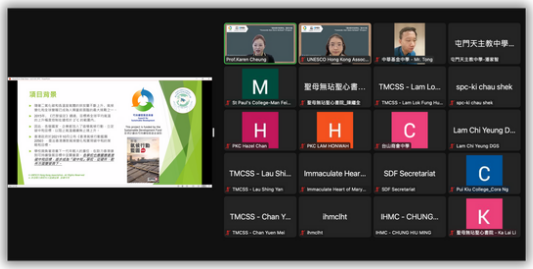
Sustainable development student ambassadors completed low-carbon lifestyle and carbon accounting workshops, which helped them initiate related activities at schools.
They also took part in the Carbon Reduction Pledge Signature activity and completed three quarterly lifestyle emission questionnaires.

The questionnaires gave insights into the sources and proportions of emissions resulting from their daily activities, encouraging them to introduce low-carbon ways of living to their families.

Towards Net Zero School Project

At the teacher level: Teaching about net zero and implementing net zero policies

The project provided training to school managers and teachers on sustainable development and net zero school policies, while also encouraging schools to integrate sustainable development into management and curriculum.



At the school level: Establishing carbon emission baseline, gradually optimise to achieve net zero

The carbon emission baseline provides a reference for schools to develop effective policies on school facilities and operations to reach net zero. Suggestions for improvement measures were given in the carbon audit report.

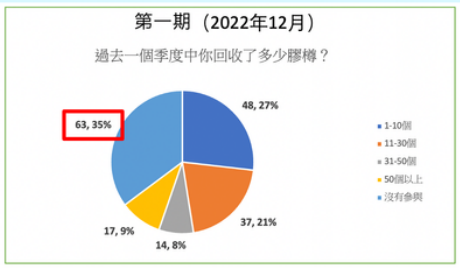
Online and in-person school visits to provide guidance

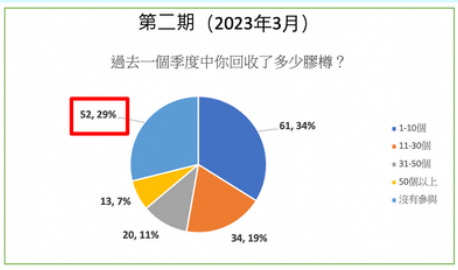
More than 850 students pledged to take five low-carbon actions

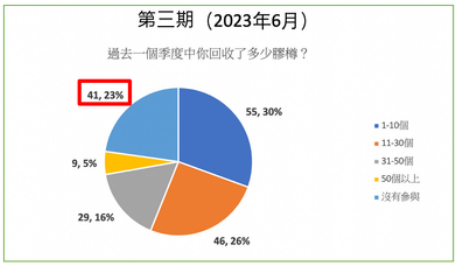
Towards Net Zero School Project

Project Outcomes: Data quantification, setting effective emission reduction targets

According to data from the carbon audit report, the total carbon emissions of participating schools in 2021 range from 108.04 to 889.80 tonnes of carbon dioxide equivalent, of which emissions from purchased electricity exceed 80%. The report uses the school area and the number of teachers and students as the basis to analyse the school's carbon emission ratio, providing valuable reference data for Hong Kong schools to achieve net zero.





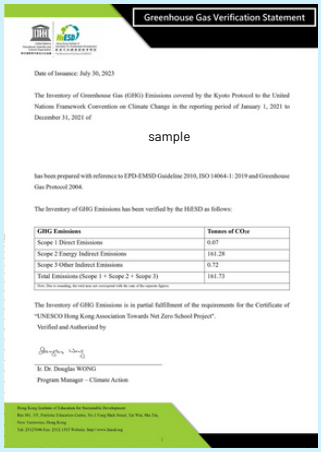


questionnaire result: "How many plastic bottles have you recycled in the past quarter?"
Light blue symbolises : "did not participate."
First Quarter - 2022 Dec (35%)
Second Quarter - 2023 Mar (29%)
Third Quarter - 2023 June (23%)

The project also analysed the lifestyle carbon emission trends of nearly 200 students, reflecting the trends and results of the students' low-carbon lifestyle transformation during the project period. For example, the number of students participating in plastic bottle recycling increased from 65% to 77%.

Carbon audit report

The ten schools participating in the project received carbon audit reports, project completion certificates, and greenhouse gas emission verification statements.


Greenhouse Gas Verification Statement

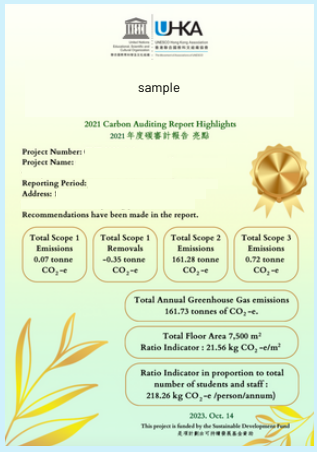
sample

Carbon Audit 2021 for sample

Final Report

CERTIFICATE
嘉許狀

sample


sample

Biodiversity Space-Exposed Seeds Nursery Project

Space-exposed seeds are seeds that have been sent to space and experienced genetic mutation in the special environment of space. When they return to the ground, they can be used to foster scientific research to discover new seeds and new materials.

Since the Biodiversity Space-Exposed Seeds Nursery Project was launched in 2015 by the UHKA and HiESD, many primary and secondary schools have actively participated in workshops, seed planting experiments, international gene bank research site visits, and other activities. The project highlights the educational significance of space-exposed seeds, improves students' understanding of nature and biodiversity conservation through experiential teaching and research-based learning, and encourages students to use innovative technology and data analysis to explore the scientific mysteries behind space seeds, achieving interdisciplinary educational outcomes.

Thematic Lectures and Workshops

The project encourages schools to develop their own interdisciplinary teaching activities and STEAM projects based on the space-exposed seeds. In order to enhance teachers and students' understanding of the project, HiESD provides thematic lectures and workshops, giving comprehensive explanations and guidance on the design of teaching activities, planting and monitoring methods, feasible subject integration activities, etc.

Man Kwan Pak Kau College

Linyi Foreign Language School Macduffie International High School (Exchange Group)

Hong Kong Christian Service Pui Oi School

Biodiversity Space-Exposed Seeds Nursery Project

National Education Exhibition in Celebration of the 25th Anniversary of the HKSAR cum Space Exposed Seeds Planting Ceremony

On October 1, 2022, the Chinese National Day, the HiESD and UHKA held a special celebration event at the National Education Exhibition Room. The event invited Dr. Ma Jun, co-chairman of the G20 Sustainable Finance Working Group, to share the latest progress in green and sustainable finance. Representatives from six schools participating in the "Space-Exposed Seeds Nursery Project" were invited to plant the seeds that symbolise hope, diversity, technological innovation, and sustainable development.

The First Hong Kong Primary and Secondary Schools "He" Comes from the Universe - Space Seed Planting Experience Program

In 2023, HiESD supported the "First HK Secondary and Primary School Space Exposed Seed Planting Experience Project," organised by the Chinese University of Hong Kong School of Education Alumni Association and the Education University of Hong Kong Alumni Association. A total of 62 primary and secondary schools participated in this event. Students had an immersive experience by joining space exposed seed breeding workshops, exchange activities, hands-on planting, conducting analysis, and writing reports.

Online sharing and exchange across schools

Teachers or student representatives from schools participating in the project received an account on the online platform SDGCAMPUS to share their planting experience with other schools, upload progress reports and relevant information.

ESD Learning Programme

The ESD Programme is co-organised by the UHKA, HiESD, and the Education University of Hong Kong. Since 2009, the programme has recruited more than 5,000 students from more than 90 schools and has built an outstanding reputation.

With the theme of "cultivating future leaders and working together to advance the SDGs," the programme responds to the priority action areas of UNESCO's "ESD for 2030 Roadmap, including "transforming learning environments" and "empowering youth". The programme aims to develop students' eight interdisciplinary skills for sustainable development, including system thinking, anticipatory, normative, strategic planning, collaboration, self-awareness, critical thinking, and comprehensive problem-solving competencies, inspiring students to think about environmental, economic, social, and cultural sustainable development from multiple perspectives, and encouraging students to apply knowledge and skills to relevant subjects.

In 2023, 150 students from 20 primary and secondary schools in Hong Kong participated actively in the 12th ESD Learning Programme.

The themes for secondary groups correspond to the three major areas of environment, culture and society, and technological innovation. Whereas the theme for the primary group is "Respect Life and Build a Sustainable Future," covering respect for the earth's environment, life on earth, and different minority groups in the community, thereby enhancing students' self-awareness and community-awareness and encouraging them to become young leaders.

Secondary Group Topic 1 Environmental Protection and Marine Ecology

Secondary Group Topic 3 Sustainable Innovative Technology

Secondary Group Topic 2 Cultural Heritage Conservation

ESD Learning Programme

A unique highlight of this year's programme is the mentorship session, where the GCYA provided advice and feedback on the students' project presentations. With the support and cooperation of professionals and academic institutions from various sectors, students went on field trips and site visits, from November 2023 to March 2024, to join various experiential learning activities and field trips based on their selected themes, including the Jockey Club Museum of Climate Change, Coral Academy, CLPulse, Hong Kong Productivity Council, Yau Ma Tei and Mong Kok old districts, Central Heritage Revitalisation Area, H2OPE Centre, and the Hong Kong Federation of Handicapped Youth.

Primary Group: Life education leadership

Youth mentorship Session

After completing the visits, students worked in teams to prepare school-based activities based on the topic of their interest. Utilizing primary and secondary research methods and experiences from activities, each team submitted a written reports and completed an on-site presentation. The award ceremony was hosted on March 16, 2024.

Student Presentation and Award Ceremony

Honourable judges group photo

Model UNESCO Conference

During 2022-2023, the UHKA and HiESD held three Model UNESCO Conferences. The participating students played the role of representatives of UNESCO member states and simulated a general conference held within the organisation.

Through experiential learning, independent research, strategy presentation, and negotiation, the activities cultivated students' interdisciplinary skills, including negotiation skills, systematic thinking, critical thinking, adaptability, comprehensive problem-solving, and strategic planning abilities, as well as enriching students' understanding of the motion in relation to the UNSDGs. Student delegations arrive at common solutions to various international challenges through communication, negotiation, discussion, and debate.

The First Conference: Transforming Education for Our Common Future

On November 26 and 27, 2022, the first Hong Kong Secondary School Model UNESCO Conference was held with the motion "Transforming Education for Our Common Future." The conference received support and guidance from the Chinese National Commission for UNESCO, as well as support from the consulates general of Australia, Mexico, Russia, and Spain in Hong Kong.

Model UNESCO Conference

The Second Conference: Climate Sustainability

On April 2, 2023, the second conference was sponsored by the Bank of China (Hong Kong) and received support from the Consulates General of the United Kingdom, France, the United States, Germany, Egypt, India, and Malaysia in Hong Kong. The officiating remarks of the conference were delivered by Mr. WONG Chuen Fai, Commissioner for Climate Change of the Environment and Ecology Bureau of HKSARG.

Students learned about the strategies of various countries to combat climate change and discussed the "Proposal to Solve the Plastic Pollution Problem in Hong Kong" during the case discussion session, drawing on the experience of international cases to solve local challenges. The conference encourages young people to take climate action, and promotes youth participation in proposing transformative and innovative solutions to deal with the climate crisis.

Mr. WONG Chuen Fai,
Commissioner for Climate Change
of the Environment and Ecology Bureau of HKSARG

Mr. Chiang Chi ho, Ivanhoe,
Commissioner for Cultural Heritage Conservation
of the Development Bureau of HKSARG

The Third Conference: World Heritage

On November 25, 2023, students from Hong Kong and the Greater Bay Area took part in the third conference. The conference received support from the Education Bureau of the HKSARG, the Development Bureau of the HKSARG, the PolyU CPCE, the EduHK, the HKFEW, SDSN Hong Kong, and other institutions. The Consulate General of Brazil, Colombia, Egypt, France, Germany, Indonesia, Iran, Italy, the Netherlands, Pakistan, the Philippines, and Portugal in Hong Kong supported and offered congradulatory speeches. Mr. Chiang Chi Ho, Ivanhoe, Commissioner for Cultural Heritage Conservation of the Development Bureau of the HKSARG, delivered the officiating speech.

At this conference, student delegations acted as representatives of 54 different countries to propose strategies to protect world heritage. Through discussion and negotiation, the "Youth Declaration on Protecting World Heritage" was published.

Model UNESCO Conference

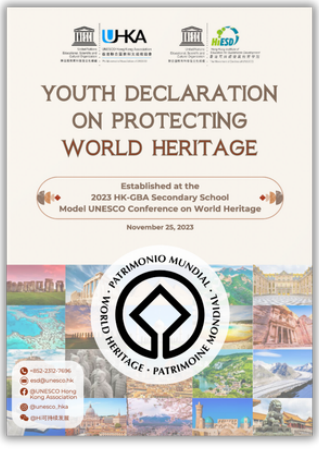
Conference outcome documents and follow-up activities

On the occasion of United Nations World Environment Day in 2023, the GCYA of UHKA wrote and submitted the "Proposal on Solutions to Plastic Pollution in Hong Kong by Student Delegates to the Hong Kong Environmental Protection Department based on the ideas proposed by students in the second session of the conference. Dr. CHAN Ho Sun, Senior Environmental Protection Officer (Resource Recovery) of the Hong Kong Environmental Protection Department, visited the UHKA to give insights on the proposal.

The awardees of the second conference visited the Hong Kong Observatory under the guidance of Mr. Shun Chi-ming, former Director of the Hong Kong Observatory and Chairman of the Commission for Aeronautical Meteorology (CAeM) of the United Nations World Meteorological Organisation (WMO) (2010-2018). Students shared their opinions on climate change, technology and innovation, and youth advocacy with Mr.Shun.

The "Youth Declaration on Protecting World Heritage". was published as an outcome document of the third conference. Student delegations called on international collaboration to preserve the priceless treasures of mankind in light of challenges such as climate change, biodiversity loss, and destructive urban development.

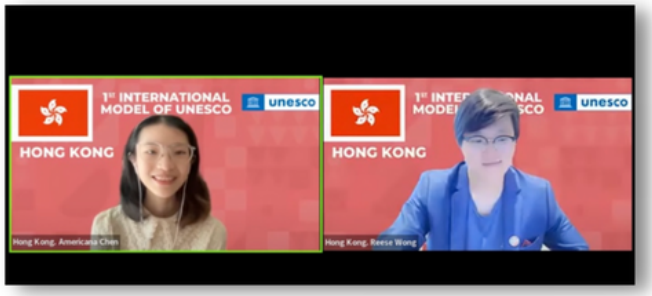
The awardees of the third conference had the opportunity to participate in a one day World Heritage field trip to Macau. With the guidance of heritage conservation experts, they visited the Moorish Barracks, Lilau Square, Mandarin's House, St. Lawrence's Church, Rua da Felicidade, and Lou Kau Mansion, to learn about the story behind each brick in the wall and the historical reasons for different architectural structures and styles.

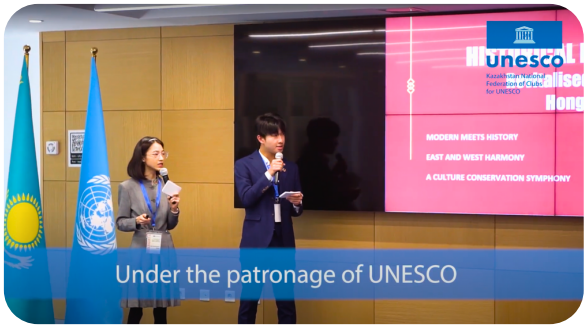


Model UNESCO Conference

Youth Ambassadors representing the delegation of HKSAR at international conferences

The world's first "International Model UNESCO Conference" was held online from April 29 to 30, 2022. Youth delegations from 42 countries around the world gathered together to discuss how to promote inclusive and equitable education for all. Americana Chen and Reese Wong, two GCYA represented the delegation of HKSAR and received three awards, including the Best Delegation.





On July 22, 2023, the “Second International Model UNESCO Conference” was held in Almaty, Kazakhstan, on the theme of "World Heritage." Americana Chen, the Youth Affairs Coordinator of UHKA, and Sky Lee, the awardee of the Best Speaker of the "2023 Hong Kong Secondary School Model UNESCO Conference on Climate Sustainability," represented the delegation of HKSAR.

The proposal of two youths from the delegation of HKSAR is “Revitalised Central District." The proposal focused on the revitalised buildings in the Central District, demonstrating “modern meets history, east and west harmony, a culture conservation symphony." After going through the presentation, discussion, and voting, the proposal was able to win the appreciation and votes of the delegations from all over the world, and won the “Best Delegation” award.

UNSDGs Debating Competition

The "UNSDGs Debate Competition" is organised by UNESCO HKA and supported by the City University of Hong Kong, which consists of the primary and secondary divisions. The unique feature of this debate is the integration of the UNSDGs into the debate motions. In the process of researching, analysing, and summarising information, preparing speeches, and responding actively during on-the-spot debates, students were able to explore the topics in greater depth, analyse the motions from the perspective of sustainable development, such as technological development, economic, environmental, and social sustainability, and thereby develop comprehensive thinking abilities.

2021/22 - Online Debating Gave Participants New Experiences

In the academic year of 2021/22 , UHKA organised the "UNSDGs Debating Competition 2021/22" amid the epidemic. A total of 48 teams (144 students) in the primary division, and a total of 85 teams (255 students) in the secondary division participated.

2022/23 - Participation Hits New High

In the academic year 2022/23, UHKA has continued to organise the "UNSDGs Debaing Competition 2022/23". This competition was held offline, with 193 teams (579 students) from 88 schools actively participating.

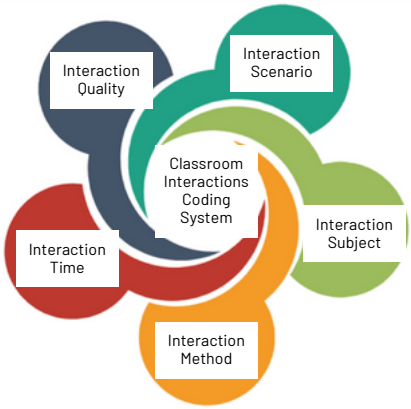
AI Classroom Teaching Analysis and Application

Artificial intelligence is subtly changing the world of education. Its application in providing students with personalised learning experiences is well known, on the other hand, it also has immense potential to provide guidance for teachers and schools to improve classroom teaching quality. The Smart Healthy School Big Data Laboratory of HiESD has launched the "Artificial Intelligence (AI) and Classroom Teaching Analysis and Application" project ("the project"), which uses AI to conduct efficient, standardised, and smart classroom evaluations, maximising the value of data and providing teachers with valuable insights.

Integrating AI into teaching assessment
Utilising cutting-edge technology to promote the improvement of teaching quality and students' whole-person development

Classroom interaction is an important way to cultivate students' cognitive abilities. The project uses classroom teaching and learning behaviour data, including the subject, method, time, scenario, and quality of interactions, to establish a classroom interaction coding system that proposes 13 ways of thinking from five aspects: function, method, level, scope, and tendency, to support deep learning and the cultivation of high-level thinking. Big data is the basis for establishing efficient and practical AI systems. Through the collection and integration of multi-modal classroom data, a machine learning model based on large-scale and efficient data analysis can be constructed based on a classroom dialogue bank. Through objective and empirical analysis of the results, teachers and schools could clearly evaluate and improve lesson qualities, making it the best practice at the current time.

The improvement of machine learning accuracy depends on the active participation of many schools. The system is currently the only one capable of analysing Mathematics, Chinese, English, and Science subjects in Mandarin Chinese, Cantonese, and English. HiESD has launched a pilot programme to provide primary and secondary schools with an analysis of 20 recorded lessons. We also support teachers with resources to conduct workshops on pedagogy research based on the needs of schools, including "analysis of high-quality classroom teaching rules and models," "how to improve the effectiveness of questioning and feedback," "how to use technologies to create teaching scenarios, task training, and improvement," "how to improve the systematicity of classroom teaching," and "promoting knowledge system construction, advanced thinking, and problem exploration.".



Sustainable Communities

Gathering social forces towards sustainable development

- 「*UNSDGs*」 *Towards Net Zero Event Certification Scheme*
- *The UN International Mother Earth Day*
- *The UN World Environment Day*
- *The "UN Ocean Decade" Children Oceanic Pottery Project*
- *UNESCO Hong Kong Day*
- *SDGCAMPUS Online Learning Platform*
- *Textbooks and Publications*
  - *Physical Books*
  - *Electronic Books*
- *Propagation and Promotion*
- *Partnerships*

「UNSDGs」 Towards Net Zero Event Certification Scheme

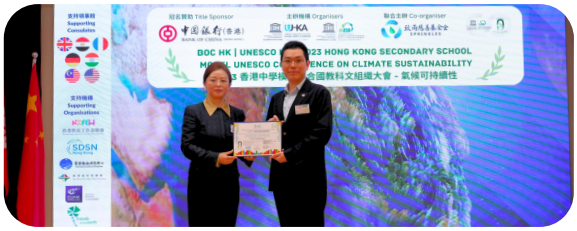
In December 2022, HiESD launched the "UNSDGs" Towards Net-Zero Event Certification Scheme, which provides more stakeholders with opportunities to contribute to climate action when they attend events.

The certification of the event needed to be supervised by a CSDP, and different levels of certification were offered.

The scheme welcomes participation from governments, enterprises, NGOs, schools, and other sectors. Applicants can flexibly adjust their targeted actions to the scale and nature of the event. Starting from self-declaration of low-carbon measures, to the accurate calculation of carbon emissions, which can include round-trip mileage of transportation used by guests and staff, energy consumption of facilities used at the venue, and finally the implementation of carbon offset measures, such as microalgae reactors, etc.

The programme aims to utilise the scale of events to raise public awareness of sustainable development more effectively, and use low-carbon transportation surveys, garbage classification bins, etc. to encourage them to take actions for net zero carbon emissions.

The first "Spring Sunrise" Children's Environmental Writing and Drawing Competition (No. 003)



2023 Hong Kong Secondary School Model UNESCO Conference on Climate Sustainability (No. 004)

WISDP Towards a Net Zero Low Carbon Christmas Party (No. 002)

The UN International Mother Earth Day

2022 - Hong Kong Eco Action Forum

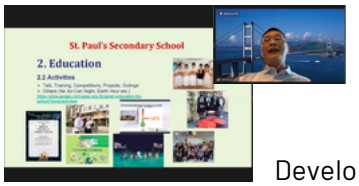
On the UN International Mother Earth Day on April 22, 2022, the Hong Kong Eco Action Forum was co-organised by UHKA and HiESD, attracting hundreds of viewers from all over the world, from all walks of life, and of all ages, to learn about the eco-actions taken by Hong Kong businesses, schools, and youths.

Prof. Karen Cheung delivered an opening remark for the conference, followed by officiating remarks by Jack Chan Jick-ch, Acting Secretary for Home Affairs, JP, Mr. Wong Kam-sing, GBS, JP, Secretary for the Environment, and Dr. Lam Ching-choi, SBS, JP, former Chairman of the Sustainable Development Committee of the HKSARG. Also, Dr. Allen Shi , BBS, MH, JP, President of the Chinese Manufacturers' Association of Hong Kong, represented the business community to deliver an officiating speech.

Hong Kong businesses Carbon Neutrality Action Forum: New Eco-opportunities in Energy Saving and Waste Reduction Practices

Distinguished Panelists

- Prof. Karen Cheung, President of UNESCO HKA
- Prof. Thomas. CC. Wong, Chairman of the Sustainable Development Committee of CMA HK
- Ir. CS Ho, General Manager of BEAM Society Limited
- Mr. Dominic Lam, COO of CMA Testing
- Mr. Raymond Yeung, Founder & CEO of FutureNow Data Technology Limited
- Dr. Hannah Koo, Manager of the Performance Improvement Department of SJM Resorts, S.A



Co-Creating Green Schools Sharing Panel

Officiating Remark: Prof. John Lee, JP, the UNESCO Chair in Regional Education Development and Lifelong Learning, Co-Convener of the UHKA Learning City Committee,
Sharing Schools:CMA Choi Cheung Kok Secondary School, St. Paul's Secondary School, The French International School of Hong Kong, Toi Shan Association College

Hong Kong Eco-Youth Action Forum

Officiating Remark: Prof. Ho Kin-chung, Founder of Polar Research Institute of Hong Kong, Committee Member of the UHKA Learning City Committee

Youth Speakers:

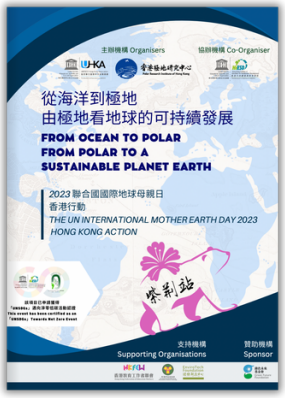
- Americana Chen, Youth Affairs Representative of UHKA
- Reese Wong, Founder of ISSIA HK
- Christy Wong, Student of the HKUST (Environmental Management and Technology)

Sharing Schools: Sha Tin College, Yew Chung International School of Hong Kong, Island School, French International School of Hong Kong, Chinese International School

The UN International Mother Earth Day

2023 UN International Mother Earth Day - Hong Kong Action From Ocean To Polar, From Polar To a Sustainable Planet Earth

In 2023, the UHKA co-organised a special exhibition on the theme of polar science and Bauhinia Station with the Polar Research Centre of Hong Kong, showcasing important findings and the work of scientists in the polar region.



This exhibition displayed many precious specimens, photos, and videos of polar scientific research in the "National Education Exhibition Room", and hosted workshops for primary and secondary school students. The exhibition begins on April 22, 2023, the “UN International Mother Earth Day," and will last until the "UN World Environment Day" in June. During this period, it will be available to students, teachers, and community organisations visiting the exhibition room, to enhance public understanding of polar scientific research in an immersive manner, and raise their awareness of the challenges facing global sustainable development, especially changes in the polar environment and loss of biodiversity.

The exhibition aims to inspire visitors to think about innovative carbon reduction and offset solutions to achieve net zero carbon emissions. From an educational perspective, it hopes to stimulate students' interest in exploring scientific research on polar and climate change, and contribute to the sustainable development of the polar regions.

Message from the Chief Executive of HKSAR
Mr. John Lee Ka-chiu, GBM SBS, PDSM, PMSM

The United Nations World Environment Day

2022 - Publishing the bilingual textbook "Carbon Literacy and Low-Carbon Lifestyle" (Traditional Chinese and English)

The theme of "United Nations World Environment Day" on June 5, 2022 was "Only One Earth," focusing on a sustainable low-carbon lifestyle, striving to achieve harmonious coexistence with nature.

On this important occasion, Prof. Karen Cheung announced the publication of the bilingual textbook on "Carbon Literacy and Low-Carbon Lifestyle." The textbook explores multiple aspects of climate change science, from the "United Nations Stockholm Conference" to the "United Nations Framework Convention on Climate Change," from the "Paris Agreement" to the "UNSDGs." The goal is to lead every student, every school, every family, and every local community to join hands to take climate action for a better, more sustainable future.

2023 - "#Beat Plastic Pollution" Special Exhibition and Signature Board

The 2023 "World Environment Day" uses "#Beat Plastic Pollution" as the slogan, focusing on innovative solutions to plastic pollution, calling on everyone to work together to reduce plastic, phase out plastic, and recycle plastic.

In response to the international call, UHKA and HiESD set up a #BeatPlasticPollution Signature Board in the National Education Exhibition Room. Primary and secondary students, teachers, and public groups who visit the National Education Exhibition Room can leave their names on the signature board to express their support and willingness to take prompt actions for a plastic-free future.

The "United Nations Ocean Decade" Children Oceanic Pottery Project

The UN Ocean Decade Children Oceanic Pottery Project was accredited by the "United Nations Decade of Ocean Science for Sustainable Development". The project includes marine conservation workshops, pottery handcraft workshops, exhibitions and fruitful experiential learning activities, aiming to educate children about marine conservation and spark their interests in marine science.

2022 - Protect the nature, save our future

In 2022, the first season of the project was overwhelmingly popular, with enthusiastic participation by more than 500 kindergarten and primary school students. The five-day exhibition was supported by the Central Market HK, starting from World Oceans Day on June 8, with an auction and award ceremony on June 12.

The special highlight was the pottery "Protect the Nature, Save our Future" jointly created by 150 children from Topkids International Kindergarten, which was auctioned by Mr. David Ho, BBS, JP, executive chairman of DH Group.

The funds raised from the event have been used to produce a project booklet for global distribution to further promote marine conservation and was submitted to the UN Ocean Decade global platform.

2023 - The story continued with marine biodiversity

On August 26, 2023, the second season of the project was jointly organised by the UHKA, HiESD, HKCACEA and supported by Petit Bateau and Fortune Malls. The ocean-themed pottery creations made by children from various kindergartens and primary schools in Hong Kong were exhibited in Fortune Malls for three consecutive days, from August 25 to 27. The potteries not only promoted the importance of ocean conservation to the public but also reflected the theme of marine biodiversity.

UNESCO Hong Kong Day

Starting in 2021, "UNESCO Hong Kong Day" is celebrated on September 28 every year. On this day, the UHKA will share the latest information and report on Hong Kong's major progress in promoting sustainable development with the public.

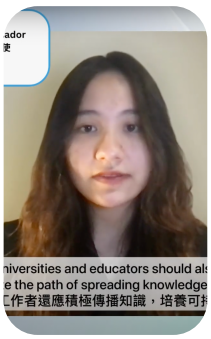
2022 - "The Future of Education" Hong Kong's Voice and Progress

In response to the report "Reimagining Our Future Together: Creating a New Social Contract for Education" published at the 41st General Conference of UNESCO in November 2021 (the Chinese version of the report was released on September 6, 2022), and the Transforming Education Summit on the theme "Transforming Education, Building Our Future," Prof. Karen Cheung led the GCYA to share the voice and progress of Hong Kong on the UNESCO Hong Kong Day 2022.

> Based in Hong Kong, UHKA and HiESD actively promote regional actions and international cooperation. We appreciate all stakeholders for their active participation, and we hope that more schools can take proactive actions to prepare the future generation with the necessary knowledge and skills, to build a solid foundation for the new social contract.
>
> Prof. Karen Cheung
> President of the UHKA, Director of HiESD

> I believe that the power of youth cannot be overlooked. The future of education needs to empower young people and be student-centred.
>
> Americana Chen Sze Wa
> Youth Affairs Coordinator of UHKA

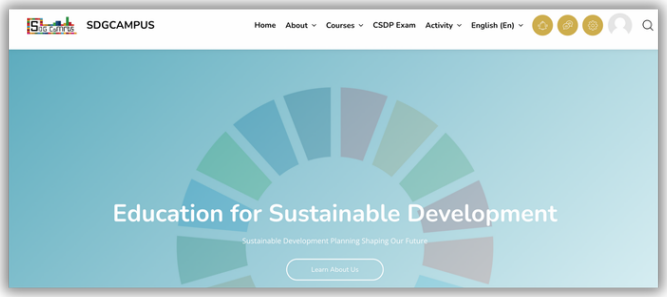
> I hope to contribute to this society by becoming a teacher, teaching students how to uphold positive attitudes, values, and all-round learning skills, helping them to develop in a balanced and comprehensive manner in an ever-changing society.
>
> Rola Chan
> GCYA of UHKA, Student at The Education University of Hong Kong



> Education enables us to tolerate, accept, and encourage diversity that was previously regarded as differences in society, and create a better tomorrow.
>
> Maddelena Spadon
> GCYA of UHKA, Student at the University of Manchester

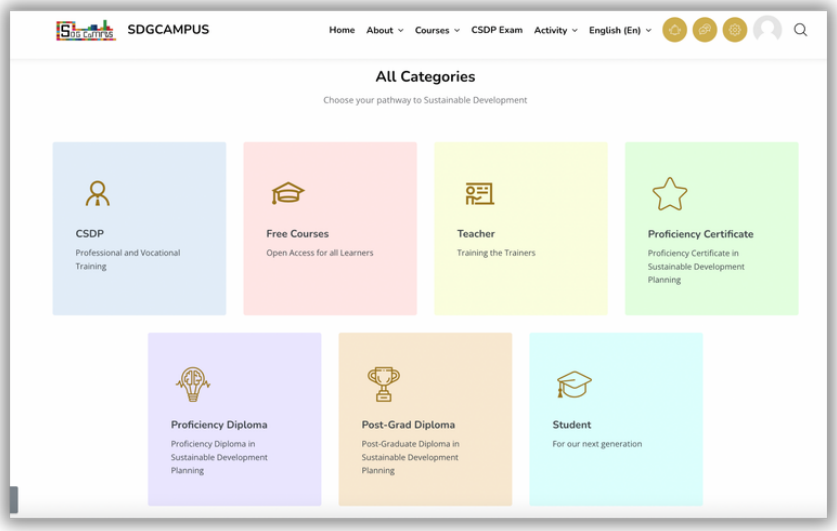
SDGCAMPUS Online Learning Platform

In March 2022, HiESD launched a revamped version of the online learning platform SDGCAMPUS. A number of users have exceeded a thousand within a short time. It provides free online lectures, self-study courses on sustainable development, professional training courses on SDP, and regularly shares with the users the latest reports published by official UN agencies. The platform provides rich learning resources to enhance the public's literacy for sustainable development. HiESD will continue to invest resources in the platform to broadly enhance public accessibility of SDG information.

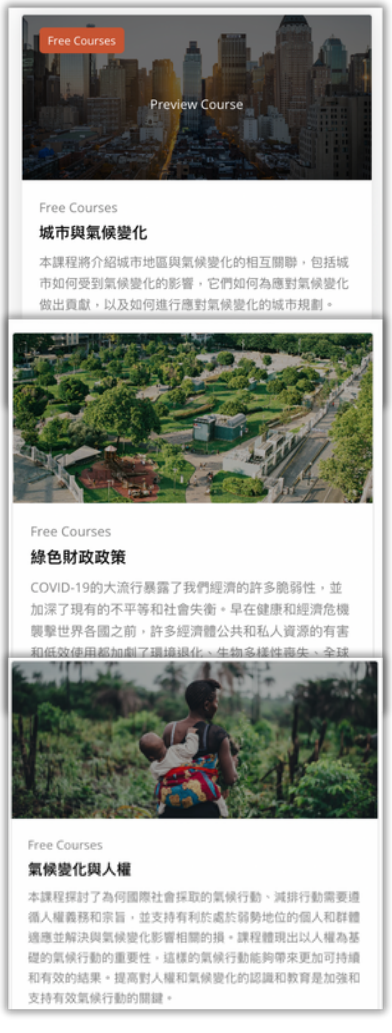


Professional Courses

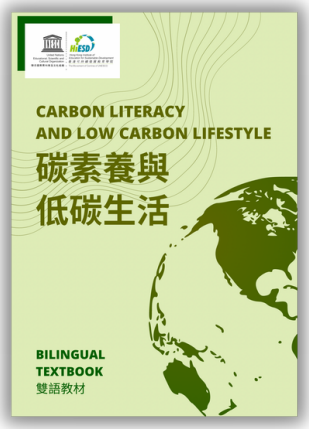
Course Categories



Free Courses



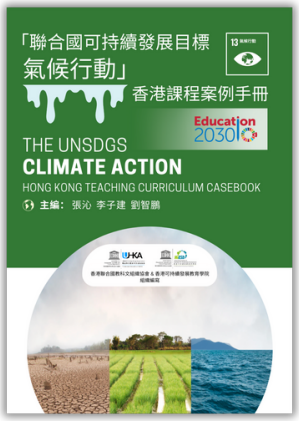
Textbooks and Publications
Physical Books



Carbon Literacy and Low-Carbon Lifestyle Bilingual Textbook
English & Traditional Chinese (left) / Simplified Chinese (right)

Carbon Literacy and Low-Carbon Lifestyle Bilingual Textbook (Simplified Chinese) Book Launch

World Heritage and Intangible Cultural Heritage Hong Kong School Curriculum Casebook

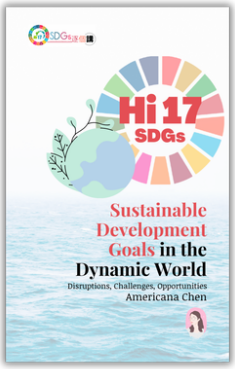


"The UNSDGs Climate Action" Hong Kong Teaching Curriculum Casebook

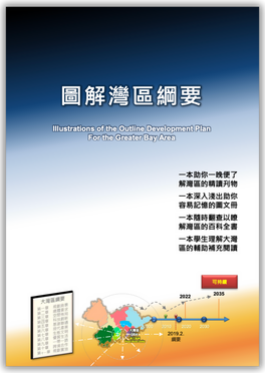
"The UNSDGs Climate Action" Hong Kong Teaching Curriculum Casebook Book Launch

UNESCO World Conference on Education for Sustainable Development - China Education for Sustainable Development Country Report - Hong Kong Regional Report

Postgraduate Diploma in Sustainable Development Planning - Textbook



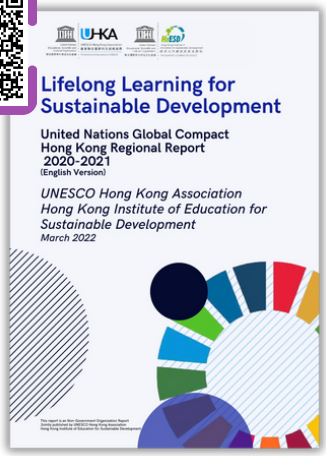
Hi 17SDGs - Sustainable Development Goals in the Dynamic World



Illustrations of the Outline Development Plan For the Greater Bay Area

Textbooks and Publications
Electronic Books

Sustainable Development Innovation & Technology Solutions Report



"Lifelong Learning for Sustainable Development" United Nations Global Compact Hong Kong Regional Report 2020-2021

The 10th Anniversary Celebration of UHKA cum UN International Human Solidarity Day

The UNSDGs Youth Tutor Teaching Activities Case Book

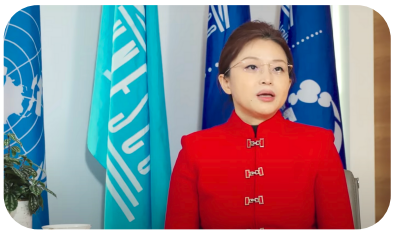
UN Ocean Decade Children Oceanic Pottery Project Booklet

Propagation and Promotion

Bringing the latest, high-quality, and professional content to different stakeholders

In order to improve the public's and professionals' understanding of sustainability-related issues, we record and publish lectures, seminars, and sharing sessions delivered by experts on public media platforms such as YouTube and Facebook. We adopt the latest multimedia formats and attach great importance to content quality. The contents explore current hot topics and future trends at the international, national, and local levels.

Expert Webinar - Green and Sustainable Finance Online Webinar Series



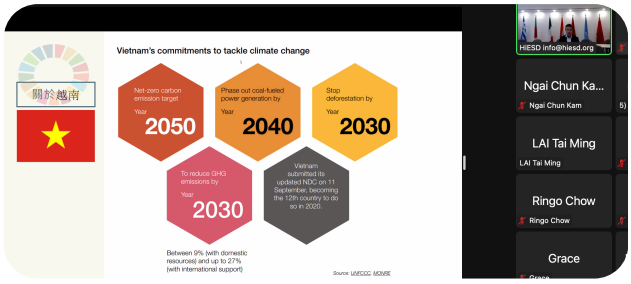
In March 2022, the Green and Sustainable Finance Online Webinar Series was published. The Green and Sustainable Finance Committee of UHKA shared new trends in green and sustainable finance. The series consists of the following episodes:

- Introduction to the Green and Sustainable Finance Committee of UHKA (Prof. Karen Cheung, President of UHKA, Director of HiESD, President of WISDP)
- the Opportunities and Challenges of Green Finance in the Context of Carbon Neutrality (Dr. Ma Jun, Chairman of the Green Finance Committee of the China Society for Finance and Banking, Founder, Co-chair of the G20 Sustainable Finance Study Group)
- Sustainability - A Practitioner's Perspective Through Green Buildings and Green Finance (IR.CS HO, Chairman of HKQAA, SFwiSDP of WISDP)
- Green and sustainable finance in the Greater Bay area (Dr. Wilson Chan, Prof. of Practice of HiESD)

Propagation and Promotion

Lunch & Learn Sharing Session

In 2022, HiESD launched the "Learn & Learn" sharing session series, broadcast live through the online platform at noon on Thursday. Amidst the pandemic, we hope to give audiences insights into ESG progress around the world. Each episode introduces the current ESG status, reporting framework, policy requirements, and unique characteristics of different countries, and analyses excellent ESG reporting cases from various countries.



Episode on exploring Vietnam's ESG

Episode on exploring India's ESG

The sharing sessions received an overwhelmingly positive response, and we continued to launch the "Lunch & Learn with CSDP" webinar series, inviting CSDPs from finance, logistics, education, and a wide variety of industries to share and discuss their experiences in implementing sustainability solutions in their industries, the latest information, and international progress with the audience.

Sustainable Development and Property Management Seminar

The property management profession is closely related to SDG 11 - Sustainable Cities and Communities. In April 2022, the "Sustainable Development and Property Management Seminar" was published by HiESD. Experts with rich practical experience in the property management profession were invited to share about how SDP was implemented in the property management industry.

Distinguished Speakers:

- Prof. Karen Cheung, President of UHKA, Director of HiESD, President of WISDP
- Ms. Amy Siu Wai Kwan, President of Hong Kong China Chamber of Commerce, BOMA BEST Sustainability Professional (BBSP) and Chairman of the Chinese Training and Development Committee, SFwiSDP of WISDP
- Ms. Miriam Lee , Co-director of Modern Living Property Management Ltd, researcher at the Chinese University of Hong Kong, FwiSDP of WISDP

Propagation and Promotion

Media Exposure

Social media platforms and communications

Number of users reached on Facebook during 2022-2023

>1,571,000

@UNESCO Hong Kong Association

Year-on-year growth compared to 2021-2022

>220%

@unesco_hka

YouTube video views

>19,000

@UNESCOHK

www.unesco.hk

@UNESCO Hong Kong Association

@Hi可持續發展

Since 2023, the "School Activities Newsletter" has been released every quarter, introducing the latest events, trainings, and activities for primary and secondary schools.

Starting from 2022, a monthly e-newsletter was published by HiESD and UHKA to share latest news, courses and event registration information to different stakeholders.

Partnerships

INDUSTRY

EDUCATION

RESEARCH

Sustainable · Us

Become a model of net zero transformation
Net Zero Exhibition Room

Net Zero Exhibition Room and Extended Learning Projects

Net Zero Exhibition Room

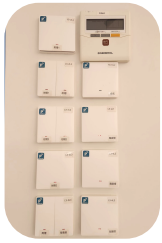
"Knowledge starts from action, and action produces knowledge." In order to cultivate a new generation of green talents, we transformed the National Education Exhibition Room into a "Net Zero Exhibition Room", showcasing the actualisation of knowledge. The exhibition room uses smart carbon emission monitoring facilities to display the carbon emissions generated by the energy consumption of lights, LED screens, air conditioners, and even closed-circuit televisions (CCTV) in real time. Teachers and students who visit the exhibition room could witness the changes in emission data generated by their actions, encouraging them to think about innovative methods to reduce carbon emissions. The exhibition room provides a reference model for schools to create net zero environment to be integrated into STEAM curriculum, so that students could adopt a low carbon lifestyle on campus.

Carbon Emission Dashboard

microalgae carbon offset equipment

Low-carbon measures in the net zero exhibition room:

1. On-site waste sorting and recycling bins;
2. Use environmentally friendly lighting facilities (LED or natural light);
3. Encourage participants to use public transportation or electric vehicles to attend the event;
4. Paperless policy;
5. Indoor Temperature Control: The air conditioner or fan shall not be lower than 24 °C;
6. Energy saving projectors with a Level 1 energy label;
7. Prizes, gifts, and certificates with low-carbon concepts;
8. Only turn the sound/microphone system on during the event.



smart lighting control system

real time carbon emissions sensor

waste sorting and recycling bins

air Conditioning System

ventilation system

LED display

CCTV

sound system

lighting system

Net Zero Exhibition Room and Extended Learning Projects

Learning Experiences at the National Education Exhibition (NEE) Room

In 2022, HiESD has cooperated closely with the Hong Kong Federation of Education Workers to launch the "National Education Exhibition Room," which includes three major themes: "China and the World," "World Heritage and Intangible Cultural Heritage," and “Innovative Technology, Biodiversity, and Sustainable Development," showcasing China’s environmental, social, science, and technology development.
The content of the NEE covers international, national, and Hong Kong’s perspectives, allowing talents in Hong Kong to understand how to be role models who could "integrate global wisdom to carry out local actions," leveraging Hong Kong's advantages to meet the country's needs in line with the overall development of the country.

The theme of "China and the World" focuses on demonstrating China’s leadership role in taking international responsibility. Beginning with China’s return to the United Nations, it had experienced difficult starting stages. After that, it entered a new stage of active participation, advocacy, and leadership in the 1990s. When the 2030 Agenda for Sustainable Development was adopted in the 70th UN General Assembly in 2015, the president of the country issued a call for a "community with a shared future for mankind" to the world. The exhibition room allows teachers and students to have a clear understanding of the country's development history and future plans, which strengthens national confidence and pride, as well as the international vision of teachers, students, and the public.

The theme "Future Technology and Sustainable Development" demonstrates the innovative technologies required to promote global sustainable development goals, especially the development of "net zero" actions in response to climate change and the protection of biological diversity, thereby enhancing the “technological confidence” of visitors.

As of November 2023, a total of 57 cultural and natural heritage in China have been included in UNESCO’s World Heritage List. World Heritage and Intangible Cultural Heritage are of significant value for inheriting the excellent culture of our country, cultivating learners to respect cultural diversity, promote peace, and protect the natural environment.

The exhibition room displays various world heritages and intangible cultural heritages. Supported by a handbook, students were able to gain a deeper understanding of its relationship with the environment, the economy, and social cohesion, and understand their protection process and conventions, raising public awareness of the significant value of cultural heritage, enhancing "cultural confidence."

Net Zero Exhibition Room and Extended Learning Projects

Learning Experiences at the National Education Exhibition (NEE) Room

The exhibition room carries out thematic exhibitions displaying international, national, and Hong Kong's progress in response to international days, including the "International Day of Education" on January 24, the "International Mother Earth Day" on April 22, the "International Environment Day" on June 5, the "International Day of Peace" on September 21, the "UNESCO Hong Kong Day" on September 28, and the "World Teachers' Day" on October 5, etc. In addition, we host corresponding workshops and lectures to raise teachers and students' awareness and understanding of international issues.

Special Exhibition on intangible cultural heritage
In response to the 20th Anniversary of the
UNESCO "Convention for Protecting Intangible Cultural Heritage"

To assist the delivery of national education, we have also initiated "Model UNESCO Conference " and "Future Education Innovation Laboratory" projects, as well as providing teacher trainings and experiential learning workshops, combining "classrooms, exhibition rooms, and experiential learning" to cultivate green talents for sustainable development.

The "Model United Nations Conference Room" is a unique venue for Model United Nations and MUNESCO conferences. The activities empower young people to participate in discussing international affairs, broaden their international horizons, and allow students to learn to find common ground while respecting diversity, resolve conflicts, and propose innovative solutions to global challenges.

Model UNESCO Conference Room

"Net Zero Carbon Exhibition Room" Talk

Space-Exposed Seeds Garden

Future Education Innovation Teaching Laboratory

Net Zero Exhibition Room and Extended Learning Projects

Receiving Great Attention and Support

The exhibition room has received recognition and support from different parties and authorities. In August 2022, Dr. Choi Yuk-lin, JP, Secretary for Education, visited the NEE; in January 2023, the Legislative Council's Subcommittee to Study the Promotion of National and National Security Education visited the NEE and hosted discussions; the Principal of Jinan University, the Hong Kong Academy of School managers, the Department of Hong Kong, Macao, and Taiwan Affairs of the Ministry of Education, the Committee on the Promotion of Civic Education of the Home and Youth Affairs Bureau of the HKSAR, the Beijing Normal University, and other government and educational institutions visited the NEE to offer valuable support, guidance, and exchanges.

Dr Choi Yuk-lin, JP, Secretary for Education of HKSAR and accompanying

the Legislative Council's Subcommittee to Study the Promotion of National and National Security Education

Beijing Normal University

the Department of Hong Kong, Macao and Taiwan Affairs of the Ministry of Education

the Committee on the Promotion of Civic Education of the Home and Youth Affairs Bureau of the HKSAR

The principal of Jinan University

Hong Kong Institute of Educaton for Sustainable Development

The Hong Kong Institute of Education for Sustainable Development (HiESD) is an interdisciplinary research-based and innovative application institute. Since 2003, it has dedicated substantial effort to promote the United Nations Education for Sustainable Development (ESD) by carrying out forward-looking research, setting standards, and promoting quality education. HiESD is the partner-expert and service provider of the United Nations Industrial Development Organisation (UNIDO) (IRD Ref No. 12958). HiESD focuses on promoting "The 2030 Agenda for Sustainable Development" and is the partner-expert of the United Nations Department of Economic and Social Affairs (UNDESA) (registration number: 26908). It is also an implementation agency of the United Nations Global Action Plan for Education for Sustainable Development (GAP).

HiESD is a member institution of the World Federation of UNESCO Clubs, Centres, and Associations, the founding association and secretariat of UNESCO HKA, the host of UN75 Dialogues, and a member of the UN Sustainable Development Solution Network (UNSDSN).

Many courses and projects of HiESD are integrated into talent development schemes and the governance framework of the government. Key training projects include providing post-graduate diploma training and certification on sustainable development planning (SDP) for professionals from different industries, training on SDP reports, and sustainable development regional and interdisciplinary research projects, aiming to improve professionals' understanding of the UNSDGs and enable them to apply SDP into practice. HiESD also provides UNSDG training for teachers and students to promote education for sustainable development.

Through providing both online and in-person trainings, establishing networks, and encouraging and supporting SDP professionals to pursue further education and certification , HiESD hopes to promote a lifelong learning system for sustainable development in Hong Kong, the Greater Bay Area, and worldwide, thereby accelerating progress towards achieving the SDGs.

UNESCO Hong Kong Association

The UNESCO Hong Kong Association (UHKA) upholds the core mission and objectives of UNESCO, actively promotes information propagation and communication, the development and exchange of knowledge and technologies, and the advancement towards sustainable development and international exchanges through education , sciences, and culture.

The UHKA makes full use of UNESCO's powerful think tank network, leverages Hong Kong's advantages in technological and talent resources to support the long-term development of Hong Kong and China. Based in Hong Kong, UHKA promotes sustainable development and international exchanges through education, science, and culture, calling on stakeholders in the global, national, and local communities to "work together to create a sustainable future."

UHKA is a member of the World Federation of UNESCO Clubs, Centres, and Associations and a regional reporting member of the United Nations Global Compact. It is a registered charity established under Section 88 of the Hong Kong Inland Revenue Ordinance. (Registration number: 91/10053)

World Institute of Sustainable Development Planners

The World Institute of Sustainable Development Planners (WISDP) was established in December 2017. It is a professional institute that advocates the UN Agenda 2030 and the 17 Sustainable Development Goals (SDGs). The WISDP is committed to carrying out the collaborative programmes on SDGs launched by the United Nations Department of Economic and Social Affairs (UNDESA). It offers certification programmes of the Certified Sustainability Planner (CSDP) and the Certified Sustainable Development Company (CSDC) to professionals in business, management, education, the public sector, and NGOs, with a view to helping them achieve greater success and accelerate the realisation of the SDGs.

The establishment of WISDP was attributed to a group of professionals and academics from different backgrounds, including the Nobel Prize laureate, the United Nations Office for South-South Cooperation (UNOSSC), the Principles for Responsible Management Education (UNPRME), UNESCO & Association, Centre, and universities and colleges. They have jointly discussed the establishment of a professional and corporate certification system. With the strong support of the UNESCO Hong Kong Association (UHKA) and the Hong Kong Institute of Education for Sustainable Development (HiESD), WISDP was founded in the same year. Up to now, WISDP has brought together more than 40 CSDCs, and nearly 300 professionals have been certified as CSDPs. Our CSDPs serving various industries will continue to work together to strive for sustainable development in Hong Kong.

International Network

United Nations
Department of Economic and Social Affairs

PARTNERSHIPS FOR SUSTAINABLE DEVELOPMENT GOALS

联合国经济和社会事务部
全球可持续发展目标协作项目
注册编号：26908

UNIDO
PARTNER-EXPERT of United Nations Industrial Development Organization
联合国工业发展组织 专家伙伴
及 服务供应商注册编号：12958

UN GLOBAL COMPACT

PRME
an initiative of the United Nations Global Compact

SDSN Member
UN Sustainable Development Solutions Network
Membership No. 15313

#ACT4SDGs

Bibliography

1. "ISSB-2023-a-Ifrs-S1-General Requirements for Disclosure of Sustainability-Related Financial Information." IFRS® Sustainability Disclosure Standard, International Sustainability Standards Board, June 2023, www.ifrs.org/content/dam/ifrs/publications/pdf-standards-issb/english/2023/issued/part-a/issb-2023-a-ifrs-s1-general-requirements-for-disclosure-of-sustainability-related-financial-information.pdf?bypass=on.
2. PricewaterhouseCoopers. "ESG Reporting Study for Hong Kong Listed Companies 2023." PwC, www.pwccn.com/en/services/issues-based/esg/esg-report-2023.html. Accessed 23 Mar. 2024.
3. PricewaterhouseCoopers. "聚焦COP28：大会圆满收官，"去化石燃料化"，开启气候治理新篇章." PwC, www.pwccn.com/zh/services/issues-based/esg/cop28-successful-conclusion-opening-new-chapter-climate-governance-dec2023.html#:~:text=4%2C000%E4%BA%BF%E7%BE%8E%E5%85%83%E3%80%82-,%E8%83%BD%E6%BA%90,%E4%B8%8A%E6%B8%B8%E7%94%B2%E7%83%B7%E6%8E%92%E6%94%BE%E6%8E%A5%E8%BF%91%E9%9B%B6%E3%80%82. Accessed 23 Mar. 2024. 、
4. Sachs, J.D., Lafortune, G., Fuller, G., Drumm, E. (2023). Implementing the SDG Stimulus. Sustainable Development Report 2023. Paris: SDSN, Dublin: Dublin University Press, 2023. 10.25546/102924
5. Yuanzhi, Zhu. "香港交易所ESG指引发展史." ohESG, 7 Mar. 2024, ohesg.com/criteria/hkex-esg.html.
6. 中國應對氣候變化的政策與行動 2023年度報告, 中华人民共和国生态环境部, Oct. 2023, www.mee.gov.cn/ywgz/ydqhbh/wsqtkz/202310/W020231027674250657087.pdf.
7. "中國推動一帶一路綠色發展." HKTDC Research, 香港貿易發展局, Apr. 2022, research.hktdc.com/tc/article/MTAzNjIwODg4MQ.
8. "企業可持續披露." 香港證券及期貨事務監察委員會, 9 June 2023, www.sfc.hk/TC/Sustainable-finance/Corporate-Sustainability-Disclosures.
9. 回顾2023年碳中和10件大事记, m.21jingji.com/article/20240219/herald/e410ea8dae4b337597064396b69f9f80_zaker.html#:~:text=2023%E5%B9%B43%E6%9C%8813,%E6%8E%A8%E5%8A%A8%E5%8F%91%E5%B1%95%E6%96%B9%E5%BC%8F%E7%BB%BF%E8%89%B2%E8%BD%AC%E5%9E%8B%E3%80%82. Accessed 23 Mar. 2024.
10. 未來的職場展望: 香港可持續發展及數碼經濟下的金融人才, 香港金融發展局, Aug. 2021, www.fsdc.org.hk/media/2ninfxul/20210816-talent-strategy-report-chi.pdf.
11. "讓雙碳飛入尋常百姓家." Financial Services and the Treasury Bureau : 讓雙碳飛入尋常百姓家, www.fstb.gov.hk/en/blog/blog280422.htm. Accessed 23 Mar. 2024.
12. 香港的環境、社會及管治（ESG）概況, www.fsdc.org.hk/media/anwp1jt4/20221222the-present-state-of-esg-in-hk_tc.pdf. Accessed 23 Mar. 2024.
13. 滕飛, 孫玉玲, 曲建升. 面向《巴黎協定》目標的首次全球盤點系列報告解析及啟示[J].世界科技研究與發展, doi:10.16507/j.issn.1006-6055.2023.12.001.

United Nations Educational, Scientific and Cultural Organization 聯合國教育科學及文化組織 · UNESCO Hong Kong Association 香港聯合國教科文組織協會 · The Movement of Associations of UNESCO

United Nations Educational, Scientific and Cultural Organization 聯合國教育科學及文化組織 · Hong Kong Institute of Education for Sustainable Development 香港可持續發展教育學院 · The Movement of Centres of UNESCO

United Nations Global Compact Hong Kong Regional Report 2022-2023 (English version)

Environmental, Social, and Corporate Governance X Sustainable Development Planning
Promoting International Cooperation to Achieve
the United Nations Sustainable Development Goals

UNESCO Hong Kong Association
Hong Kong Institute of Education for Sustainable Development
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