

ENVIRONMENTAL GOODS AND SERVICES SURVEY (EGSS) EXPLANATORY NOTES

SECTION 2: GENERAL INFORMATION OF FIRMS

Environmental Goods and Services Activity

The Environmental Goods and Services categories in the Environmental Goods and Services Survey (EGSS) are based on the [Singapore Classification of Environmental Purposes \(S-CEP\) 2025](#), which is Singapore's first statistical classification framework for environmental activities and products, supporting the compilation of environmental-economic accounts.

A summary list of the Environmental Goods and Services categories can be found from page 3 onwards.

SECTION 3: REVENUE AND EMPLOYMENT FOR ENVIRONMENTAL GOODS AND SERVICES

3.1 REVENUE

Please report the gross revenue earned by the firm from the production of environmental goods and services defined in any of the categories for the reporting period stated in SECTION 2: GENERAL INFORMATION OF FIRMS.

DOMESTIC revenue refers to gross revenue derived from transactions of environmental goods and services with resident individuals and firms.

Revenue from **EXPORTS** refers to gross revenue derived from transactions of environmental goods and services with non-resident individuals and firms.

Residents are defined as any individual, business, company or entity located within Singapore. This includes:

- (a) Persons whose residence in Singapore exceed one year;
- (b) Business, companies and other entities whose permanent or registered address is within Singapore.

Non-residents are defined as any individual, business, company or entity located outside Singapore. This includes:

- (a) Persons whose residence in Singapore does not exceed one year;
- (b) Business, companies and other entities whose permanent or registered address is outside Singapore, including overseas branches or subsidiaries of Singapore-registered companies or institutions.

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3.2 EMPLOYMENT

Please report the number of workers engaged in the production of environmental goods and services defined in the Environmental Goods and Services Activity categories in SECTION 2 – GENERAL INFORMATION OF FIRMS as at **30.06.2024**. **Persons working in Singapore** should be included:

Persons working in Singapore refer to paid employees, working directors, working proprietor/ partners and unpaid workers working in Singapore, including persons on medical and casual leave. It should also include persons who have been working outside Singapore for one year or less as at 30.06.2024.

- i. **Paid employees** refer to workers on the payroll of your establishment, including part-time workers (working less than 35 hours in a normal week), and workers on commission basis paid directly by your establishment. This also includes workers who have been rotated/re-deployed/attached/seconded to other subsidiaries but are still under the company's payroll.
- ii. **Working directors** refer to members of Board of Directors actively engaged in the work of your establishment and paid by your establishment.
- iii. **Working proprietor/partners** refer to proprietor/partners actively engaged in the work of your establishment, whether receiving remuneration or not.
- iv. **Unpaid workers** refer to workers who do not receive fixed wages and salaries but may receive certain allowances. For non-profit organisations, **Unpaid workers** refer to persons working for the establishment for remuneration-in-kind (e.g. lecturers who conduct courses for free for an educational institution in return for the use of the institution's research facilities).

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ANNEX: SUMMARY LIST OF ENVIRONMENTAL GOODS AND SERVICES CATEGORIES

In general, activities related to natural risk management or human property/health protection fall outside the scope of S-CEP. Examples of activities outside the scope are the installation of barriers for flood protection and noise abatement measures for workplace safety.

Below is the list of Environmental Goods and Services categories based on S-CEP 2025. Click to view more information on each category.

- [01 Air and Climate](#)
- [02 Energy](#)
- [03 Wastewater and Water Resources](#)
- [04 Waste, Materials Recovery and Savings](#)
- [05 Soil, Surface and Groundwater, Biodiversity and Forest](#)
- [06 Noise and Radiation](#)
- [07 Research and Development](#)
- [08 Cross-Cutting and Other Environmental Purposes](#)
- [09 Transport](#)
- [10 Finance and Carbon Trading](#)

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S-CEP 2025, also referred to as Environmental Goods and Services categories	S-CEP 2025 Description	It includes	It excludes
01 Air and Climate	Activities, measures and products aimed at reducing air emissions and/or concentration of air pollutants.	<ul style="list-style-type: none"> • Prevention of greenhouse gas emissions • Treatment of greenhouse gases • Monitoring and measurement of greenhouse gases • Prevention of other air pollutant emissions • Treatment of other air pollutants • Monitoring and measurement of other air pollutants 	<ul style="list-style-type: none"> • Renewable energy and energy savings to reduce air emissions from energy production [see S-CEP 02 Energy] • Remediation activities involving off-gas without energy recovery [see S-CEP 05 Soil, Surface and Groundwater, Biodiversity and Forest] • Protection of air from radiation [see S-CEP 06 Noise and Radiation] • Cleaner-energy vehicles, their components and infrastructure, and related transport services [see S-CEP 09 Transport] • Trading and sale of carbon credits [see S-CEP 10 Finance and Carbon Trading] • Activities of weather stations for air emissions monitoring
02 Energy	Activities, measures and products aimed at production of renewable energy and at energy savings.	<ul style="list-style-type: none"> • Production of energy from renewable sources • Equipment and technologies for renewable energy • Supporting services for renewable energy • Monitoring and measurement of energy from renewable sources • Energy savings through in-process modifications • Energy-efficient buildings; other efficient energy-demand technologies • Monitoring and measurement for energy savings and management 	<ul style="list-style-type: none"> • Fuels from carbon capture and utilisation (CCU) processes [see S-CEP 01 Air and Climate] • Treatment of sewage sludge with the resulting production of biogas or electricity [see S-CEP 03 Wastewater and Water Resources] • Efficient cooling systems in buildings and water-efficient appliances [see S-CEP 03 Wastewater and Water Resources] • Incineration of waste without energy recovery [see S-CEP 04 Waste, Materials Recovery and Savings] • Building materials made using substitute materials or recycled materials [see S-CEP 04 Waste, Materials Recovery and Savings] • Soundproofing of buildings [see S-CEP 06 Noise and Radiation] • Electricity network expansion for renewable energy • Cultivation and harvest of energy crops for biofuels, electricity and heat

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03 Wastewater and Water Resources	Activities, measures and products aimed at treating wastewater (up to environmental standards or quality norms) and at safeguarding stocks of water.	<ul style="list-style-type: none"> • Prevention of wastewater pollution • Management of sewerage networks • Treatment of wastewater • Treatment of cooling water • Monitoring and measurement for wastewater management • Reduction of water intake • Water reuse and savings, reduction of water losses and leaks • Management of water supply networks • Monitoring and measurement of water savings and water resources 	<ul style="list-style-type: none"> • Energy-efficient systems and appliances, including heat recovery for energy uses [see S-CEP 02 Energy] • Protection of soil, surface water and groundwater [see S-CEP 05 Soil, Surface and Groundwater, Biodiversity and Forest] • Protection of water from radiation [see S-CEP 06 Noise and Radiation]
04 Waste, Materials Recovery and Savings	Activities, measures and products aimed at managing waste and at reducing the use of materials.	<ul style="list-style-type: none"> • Prevention of solid waste pollution • Collection and transport of waste • Treatment and disposal of hazardous waste • Treatment and disposal of non-hazardous waste • Monitoring and measurement for waste management • Reduction of the intake of wood • Reduction of the intake of minerals • Reduction of the intake of fossil fuels for non-energy uses • Reduction of the intake of natural resources for textiles • Reduction of the intake of other materials • Monitoring and measurement for materials recovery and savings 	<ul style="list-style-type: none"> • Treatment of waste with the resulting production of biomass or electricity [see S-CEP 02 Energy] • Reduction of the intake of water [see S-CEP 03 Wastewater and Water Resources] • Maintenance of soil and groundwater quality in landfills [see S-CEP 05 Soil, Surface and Groundwater, Biodiversity and Forest] • Reduction of the intake of wild flora and fauna, and wild growing forest products [see S-CEP 05 Soil, Surface and Groundwater, Biodiversity and Forest] • Management of high-level radioactive waste [see S-CEP 06 Noise and Radiation] • Retail sale of second-hand goods in stores • Repair services of machinery, computers and peripheral equipment, consumer electronics, household appliances, home and garden equipment, etc.

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05 Soil, Surface and Groundwater, Biodiversity and Forest	Activities, measures and products aimed at protection and remediation of soil and water, biodiversity and forests.	<ul style="list-style-type: none"> • Prevention of pollutant infiltration into soil and water bodies • Cleaning up of soil and water bodies • Protection from erosion and other physical degradation of soil and water • Prevention and remediation of soil and groundwater salinity • Monitoring and measurement for soil, surface and groundwater protection • Protection and rehabilitation of species and habitats • Protection of natural and semi-natural landscapes • Monitoring and measurement for protection of biodiversity and landscape • Reforestation, afforestation and forest-related land management • Protection against forest fires • Monitoring and measurement of forest resources 	<ul style="list-style-type: none"> • Landfill gas recovery for energy uses [see S-CEP 02 Energy] • Prevention of wastewater pollution [see S-CEP 03 Wastewater and Water Resources] • Reservoirs for storing water in water supply networks and water saving systems (e.g. drip irrigation) [see S-CEP 03 Wastewater and Water Resources] • Collection and transport of waste (e.g. demolition waste) [see S-CEP 04 Waste, Materials Recovery and Savings] • Protection of soil, surface water and groundwater from radiation [see S-CEP 06 Noise and Radiation] • Protection and rehabilitation of historic monuments • Re-landscaping to increase value of real estates • Management of zoos, oceanarium and aquarium • Conventional agricultural production that use synthetic chemicals

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06 Noise and Radiation	Activities, measures and products aimed at the control, reduction and abatement of industrial and transport noise and the reduction or elimination of the negative consequences of particle radiation emitted from any source.	<ul style="list-style-type: none"> • Prevention and reduction of noise and vibration • Monitoring and measurement for protection against noise and vibration • Protection of ambient media against radiation • Transport and treatment of high-level radioactive waste • Monitoring and measurement of radioactivity 	<ul style="list-style-type: none"> • Protection of air from non-radiation sources [see S-CEP 01 Air and Climate] • Insulation of buildings to improve energy efficiency [see S-CEP 02 Energy] • Management of low-level radioactive waste [see S-CEP 04 Waste, Materials Recovery and Savings] • Protection of soil, surface water and groundwater from non-radiation sources [see S-CEP 05 Soil, Surface and Groundwater, Biodiversity and Forest] • Activities and measures relating to electromagnetic and acoustic radiation

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07 Research and Development	R&D for developing the stock of knowledge related to the prevention and elimination of all forms of pollution and the preservation of natural resources stocks. This includes the conception of new applications of available knowledge in the field of environmental protection and resource management.	<ul style="list-style-type: none"> • R&D for reduction and control of greenhouse gases • R&D for reduction and control of other air pollutants • R&D for renewables • R&D for energy savings • R&D for wastewater management • R&D for water resources • R&D for waste management • R&D for materials recovery and savings • R&D for soil, surface and groundwater • R&D for biodiversity • R&D for forest management • R&D for noise and vibration • R&D for radiation • R&D for transport • R&D for finance and carbon trading 	

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08 Cross-Cutting and Other Environmental Purposes	All education, training, information provision and general administration (ETIGA) activities, measures and products related to environmental protection and resource management in the case that they cannot be classified in other S-CEP categories.	<ul style="list-style-type: none"> • Environmental education and training • General environmental administration, management, regulation, dissemination and consultancy 	
09 Transport	Activities, measures and products aimed at the production of cleaner-energy vehicles and related components, infrastructure and supporting services for cleaner-energy transport, and cleaner-energy transport services.	<ul style="list-style-type: none"> • Production of cleaner-energy vehicles • Production of components of cleaner-energy vehicles • Infrastructure and supporting services for cleaner-energy land transport vehicles • Infrastructure and supporting services for cleaner-energy ships and boats • Infrastructure and supporting services for cleaner-energy aircrafts • Transport services using cleaner-energy land transport vehicles • Transport services using cleaner-energy ships and boats • Transport services using cleaner-energy aircrafts 	<ul style="list-style-type: none"> • Cleaner-energy garbage trucks [see S-CEP 04 Waste, Materials Recovery and Savings] • Conventional and hybrid land transport vehicles, their components and infrastructure, and related transport services (including public transport) • Conventional ships and boats that do not use zero/near-zero emissions fuel, their components and infrastructure, and related transport services (including public transport) • Conventional aircrafts that do not use low-carbon fuel, their components and infrastructure, and related transport services (including public transport)

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10 Finance and Carbon Trading	Activities, measures and products aimed at channelling financial flows towards environmental protection or resource management through financial instruments, and trading of carbon credits.	<ul style="list-style-type: none"> • Provision of financial intermediary services on green loans • Green debt and equity financing services • Consultancy, monitoring, reporting and verification activities related to green financial instruments • Carbon trading services • Consultancy, monitoring, reporting and verification activities related to carbon trading 	