

# ENVIRONMENTAL GOODS AND SERVICES SURVEY (EGSS)

## EXPLANATORY NOTES

**Note: When submitting the survey form via Excel upload, please ensure that the data provided is in the form of a value (i.e. does not contain any excel formula or functions that reference data from other files or worksheets) before uploading the completed form.**

### SECTION 1 – GENERAL INFORMATION OF FIRMS

#### Environmental Goods and Services Activity

The Environmental Goods and Services categories in the Environmental Goods and Services Survey (EGSS) are adapted from the draft United Nations (UN) Classification of Environmental Functions ('CEF') which a generic, multi-purpose, functional classification used for classifying activities, products, expenditures, and other transactions related to environmental protection and management of natural resource.

A summary list of Environmental Goods and Services categories adapted for Singapore's context can be found at the end of this document.

### SECTION 2: REVENUE AND EMPLOYMENT FOR ENVIRONMENTAL GOODS AND SERVICES

#### 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 1 – 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.

#### 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 1 – GENERAL INFORMATION OF FIRMS as at **30.06.2022**. **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 30.06.2022.

1. **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).

## ANNEX: SUMMARY LIST OF ENVIRONMENTAL GOODS AND SERVICES CATEGORIES

Green Activity and Product (GAP), also referred to as Environmental Goods and Services Category	Description	It includes	It excludes
1. Air and climate	Activities, measures, and products aimed at reducing air emissions and/or concentration of air pollutants	<ul style="list-style-type: none"> <li>• activities and measures related to reduction and control of air emissions</li> </ul>	<ul style="list-style-type: none"> <li>• activities and measures related to reduction of air emissions through production of electric and hybrid transport equipment such as cars, buses and other cleaner and more efficient vehicles, and components (GAP 9)</li> <li>• charging stations and other essential infrastructure for recharging electric road vehicles (GAP 9)</li> <li>• activities and measures related to               <ul style="list-style-type: none"> <li>o climate change adaptation</li> <li>o production of energy from renewables (GAP 8)</li> <li>o energy savings (GAP 8)</li> </ul> </li> </ul>
2. Wastewater and water resources management	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"> <li>• activities and measures related to wastewater management, and water saving and management of natural water</li> </ul>	
3. Waste management and materials recovery and savings	Activities, measures, and products aimed at managing waste and at reducing the use of materials.		
4. Soil, surface and groundwater, biodiversity, and forest	Activities, measures, and products aimed at protection and remediation of soil and water, biodiversity, and forests		

Green Activity and Product (GAP), also referred to as Environmental Goods and Services Category	Description	It includes	It excludes
5. 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		
6. Research and development	Research & 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 pollution and resource management	<ul style="list-style-type: none"> <li>• identification and analysis of sources of pollution (including climate change), mechanisms of dispersion of pollutants in the environment as well as their effects on human beings and the biosphere</li> <li>• resource management oriented R&amp;D</li> <li>• R&amp;D oriented towards equipment and instrument for pollution/resource use, including treatment, abatement, measurement, and analysis</li> </ul>	
7. Cross-cutting activities	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 under other categories	<ul style="list-style-type: none"> <li>• activities aimed at the general support of decisions taken in the context of resource management activities by government or non-government bodies, for example: <ul style="list-style-type: none"> <li>o preparation of declarations or requests for permission, internal resource management, environmental certification processes (ISO 14000, environmental management)</li> <li>o activities of units specialised in consultancy, supervision and analysis, regulation</li> </ul> </li> <li>• education, training and information, for example: <ul style="list-style-type: none"> <li>o high school programs, university degrees or special courses specifically aimed at training for resource</li> </ul> </li> </ul>	

Green Activity and Product (GAP), also referred to as Environmental Goods and Services Category	Description	It includes	It excludes
		management <ul style="list-style-type: none"> <li>• international financial aid where it may be difficult for the donor countries to attribute related expenditure to other categories</li> </ul>	
8. Energy from renewable sources and energy savings and management	[Activities, measures and products related to renewable energy. This includes activities, measures and products aimed at reducing energy use such as in-process modifications and reduction of losses	<ul style="list-style-type: none"> <li>• the production of renewable energy, supporting services for renewable energy, monitoring, measurement, and similar activities</li> <li>• activities and measures aimed at providing energy savings through In-Process Modifications (IPMs);</li> <li>• activities and products aimed at minimising heat and energy losses and maximisation of energy recovery</li> <li>• activities and products concerning Monitoring and Management (M&amp;M) related to energy saving</li> <li>• energy efficient buildings</li> <li>• ETIGA linked to the management and saving of heat and energy</li> </ul>	<ul style="list-style-type: none"> <li>• activities mainly aimed at reducing air pollution</li> </ul>
9. Transport	Activities, measures and products related to cleaner vehicles and transport services. This includes transport infrastructure and services supporting cleaner vehicles.	<ul style="list-style-type: none"> <li>• electric motor vehicles for passenger and freight transport on the road, non-road machinery, other vehicles such as ships</li> <li>• technical components of electric vehicles (e.g. batteries, fuel cells, electric motors)</li> <li>• infrastructure that is necessary and specific to the operation of electric vehicles (such as recharging units and stations)</li> </ul>	<ul style="list-style-type: none"> <li>• conventional vehicles (equipped with an internal combustion engine only) that run on compressed natural gas, liquefied petroleum gas, biofuel, or other combustible fuels</li> </ul>
10. Sustainable finance and carbon trading	Activities aimed at channelling financial flows towards green activities through financial instruments, and trading of carbon credits	<ul style="list-style-type: none"> <li>• issuance of green bonds and loans</li> <li>• provision of asset management, equity funding and insurance related activities on sustainable finance</li> </ul>	

<b>Green Activity and Product (GAP), also referred to as Environmental Goods and Services Category</b>	<b>Description</b>	<b>It includes</b>	<b>It excludes</b>
		<ul style="list-style-type: none"><li>• activities related to provision of supporting services on sustainable finance and carbon trading</li></ul>	