

Annex 2

Reference List of Environmental and Environmentally Related Services

Reiterating the key role that APEC plays in supporting green growth in our region;

Committed to finding common understanding in approaches to trade and environment issues and taking coordinated action to address environmental challenges, including climate change, while recognising each economy has its own policies;

Recognising the important role that trade in services plays in driving economic growth, productivity and prosperity, and ensuring that the Asia-Pacific remains the world's most dynamic and interconnected regional economy;

Responding to our Leaders' endorsement of the APEC-wide action of supporting liberalisation of, facilitation of and cooperation on environmental services, under the Environmental Services Action Plan, in the APEC Services Competitiveness Roadmap;

Committed to enhancing trade in services that are needed to protect our environment and noting that supporting liberalisation of, facilitation of and cooperation on environmental services will increase access to such services, directly benefiting the environment;

Noting recent work relating to environmental services that has been carried out by APEC's Group on Services, including the report '[Environmental Services in the APEC Region: Definition, Challenges and Opportunities](#)';

We endorse the below APEC Reference List of Environmental and Environmentally Related Services.

This list has been developed utilising the following principles:

Environmentally related services are services considered by APEC economies:

- (i) to directly relate to environmental conditions (including CPC Prov. Division 94, commonly considered to be core "environmental services"); or*
- (ii) to directly contribute to the design, construction and operation of facilities or equipment determined to improve environmental conditions.*

Professional services included in the list are considered environmentally related when they require specific training or knowledge regarding the environmental impact of such facilities.

This non-binding and non-exhaustive Reference List has been developed on a voluntary basis by the APEC Economies, and is open for future review as determined by Economies, with the first review to take place within two years. When reviewing the Reference List, Economies are encouraged to take scientific factors into consideration to ensure the environmental benefits of those services listed and identify other potential services for inclusion. The environmental and environmentally related services listed below represent Economies' best knowledge and efforts to contribute to classification efforts and take into account different perspectives that may apply in central or local environmental regulations.¹

As the first voluntary and evolving Reference List of its kind, we hope that this will be a valuable resource for ongoing discussions in APEC.

¹ For further guidance, this Reference List can be read alongside the UN Statistics Division — Classifications on economic statistics.

APEC REFERENCE LIST OF ENVIRONMENTAL AND ENVIRONMENTALLY RELATED SERVICES

Group 1: Services that are environmentally related of themselves, being directly related to environmental conditions.

CPC 2.1	CPC 2.1 Description	CPC Prov.	CPC Prov. Description	Indicative beneficial relation to environmental conditions
81139 ex	Experimental development services in other natural sciences [environmental sciences not elsewhere classified]	85109 ex	Research and experimental development services on other natural sciences [environmental sciences not elsewhere classified]	Environmental monitoring, analysis or assessment
83221 ex	Urban planning services [studies of environmental impact and economic assessments of urban development plans]	86741 ex	Urban planning services [studies of environmental impact and economic assessments of urban development plans]	Environmental monitoring, analysis or assessment
83231 ex	Landscape architectural advisory services [related to natural landscapes]	86742 ex	Landscape architectural services [advisory services related to natural landscapes]	Protection of biodiversity or landscape (incl. natural resources protection)
83232 ex	Landscape architectural services [related to natural landscapes]	86742 ex	Landscape architectural services [related to natural landscapes]	Protection of biodiversity or landscape (incl. natural resources protection)
83411 ex	Geological and geophysical consulting services [related to groundwater]	86751 ex	Geological, geophysical and other scientific prospecting services [consulting services related to groundwater]	Water supply or treatment
83411 ex	Geological and geophysical consulting services [related to the evaluation of geological, geophysical and geochemical anomalies]	86751 ex	Geological, geophysical and other scientific prospecting services [consulting services related to the evaluation of	Natural risk management; Solid or hazardous waste management

			geological, geophysical and geochemical anomalies]	
83412 ex	Geophysical services [related to carbon, capture and storage]	86751 ex	Geological, geophysical and other scientific prospecting services [related to carbon, capture and storage]	Environmental monitoring, analysis or assessment; Air pollution control or avoidance
		86752 ex	Subsurface surveying services [related to carbon, capture and storage]	
83412 ex	Geophysical services [related to natural risk management]	86751 ex	Geological, geophysical and other scientific prospecting services [related to natural risk management]	Environmental monitoring, analysis or assessment; Natural risk management
		86752 ex	Subsurface surveying services [related to natural risk management]	
83931	Environmental consulting services	86729	Other engineering services [related to environmental consulting]	Environmental monitoring, analysis or assessment
85340 ex	Specialized cleaning services [Cleaning services for reservoirs and tanks, these being parts of either industrial sites; furnace and chimney cleaning services; cleaning of furnaces, incinerators, boilers, ventilation ducts and exhaust units]	87409 ex	Other building cleaning services [Cleaning services for reservoirs and tanks, these being parts of either industrial sites; furnace and chimney cleaning services; cleaning of furnaces, incinerators, boilers, ventilation ducts and exhaust units]	Air pollution control or avoidance; Environmental remediation or clean-up
85970 ex	Landscape care and maintenance services [Planting, care and maintenance services of stationary and flowing water (basins, alternating wet areas, ponds, ditches, watercourses, sewage-treatment systems) and of plants for protection against noise, wind, erosion, visibility and dazzling]	96499 ex	Other recreational services n.e.c. [Planting, care and maintenance services of stationary and flowing water (basins, alternating wet areas, ponds, ditches, watercourses, sewage-treatment systems) and of plants for protection against noise, wind, erosion, visibility and dazzling]	Noise or vibration abatement; Protection of biodiversity or landscape (incl. natural resources protection); Wastewater management

89410	Metal waste and scrap recovery (recycling) services, on a fee or contract basis	88493	Recycling on a fee or contract basis	Solid or hazardous waste management
89420	Non-metal waste and scrap recovery (recycling) services, on a fee or contract basis			Solid or hazardous waste management
94110	Sewerage and sewage treatment services	94010	Sewage services	Wastewater management
94120	Septic tank emptying and cleaning services			Wastewater management
94211	Collection services of hazardous medical and other biohazardous waste	94020	Refuse disposal services	Solid or hazardous waste management
94212	Collection services of industrial hazardous waste (except medical and other biohazardous waste)			Solid or hazardous waste management
94219	Collection services of other hazardous waste			Solid or hazardous waste management
94221	Collection services of non-hazardous recyclable materials, residential			Solid or hazardous waste management
94229	Collection services of non-hazardous recyclable materials, other			Solid or hazardous waste management
94231	General waste collection services, residential			Solid or hazardous waste management
94239	General waste collection services, other			Solid or hazardous waste management
94311	Hazardous waste preparation, consolidation and storage services			Solid or hazardous waste management
94312	Ship-breaking and other dismantling of wrecks services			Solid or hazardous waste management
94313	Non-hazardous recyclable materials preparation, consolidation and storage services			Solid or hazardous waste management

94319	Other non-hazardous waste preparation, consolidation and storage services			Solid or hazardous waste management
94321	Hazardous waste treatment services			Solid or hazardous waste management
94322	Hazardous waste disposal services			Solid or hazardous waste management
94331	Sanitary landfill services, non-hazardous waste			Solid or hazardous waste management
94332	Other landfill services, non-hazardous waste			Solid or hazardous waste management
94333	Incineration of non-hazardous waste			Solid or hazardous waste management
94339	Other non-hazardous waste treatment and disposal services			Solid or hazardous waste management; Production of cleaner or renewable energy
94411	Site remediation and clean-up services, air	94090	Other environmental protection services n.e.c.	Environmental remediation or clean-up
94412	Site remediation and clean-up services, surface water			Environmental remediation or clean-up
94413	Site remediation and clean-up services, soil and groundwater			Environmental remediation or clean-up
94420	Containment, control and monitoring services and other site remediation services n.e.c.			Environmental remediation or clean-up
94430	Building remediation services			Environmental remediation or clean-up
94490	Other remediation services n.e.c.			Environmental remediation or clean-up

94510	Sweeping and snow removal services	94030	Sanitation and similar services	Environmental remediation or clean-up
94590	Other sanitation services			Environmental remediation or clean-up
94900	Other environmental protection services n.e.c.	94040	Cleaning services of exhaust gases	Air pollution control or avoidance; Noise or vibration abatement
		94050	Noise abatement services	
		94060	Nature and landscape protection services	
		94090	Other environmental protection services n.e.c.	
96422	Nature reserve services including wildlife preservation services	96332	Nature reserve services including wildlife preservation services	Protection of biodiversity or landscape (incl. natural resources protection)

Group 2: Services that may be environmentally related when used for the design, construction and operation of certain facilities or equipment intended to improve environmental conditions, or for purposes that are determined to be environmentally beneficial by competent regulators (for example, with respect to projects related to renewable energy, pollution abatement, wastewater management, etc.).

CPC 2.1	CPC 2.1 Description	CPC Prov.	CPC Prov. Description	Indicative beneficial relation to environmental conditions
54233	General construction services of dams	51330 ex	Construction work for civil engineering for waterways, harbours, dams and other waterworks [for dams]	Production of cleaner or renewable energy
54234	General construction services of irrigation and flood control waterworks	51330 ex	Construction work for civil engineering for waterways, harbours, dams and other	Natural risk management

			waterworks [for irrigation and flood control waterworks]	
54241	General construction services of long-distance pipelines	51340	Construction work for civil engineering for long distance pipelines, communication and power lines (cables)	Production of cleaner or renewable energy
54242	General construction services of long-distance communication and power lines			Production of cleaner or renewable energy
54251	General construction services of local pipelines	51350	Construction work for civil engineering for local pipelines and cables; ancillary works	Production of cleaner or renewable energy; Wastewater management; Water supply or treatment
54252	General construction services of local cables and related works			Production of cleaner or renewable energy
54253	General construction services of sewage and water treatment plants	51390	Construction work for civil engineering for engineering works n.e.c.	Wastewater management; Water supply or treatment
54262	General construction services of power plants	51360	Construction work for civil engineering for constructions for mining and manufacturing	Production of cleaner or renewable energy
54290	General construction services of other civil engineering works	51390	Construction work for civil engineering for engineering works n.e.c.	Solid or hazardous waste management; Wastewater management; Water supply or treatment
54320	Site formation and clearance services	51130	Site formation and clearance work	Environmental monitoring, analysis or assessment
54330	Excavating and earthmoving services	51140	Excavating and earthmoving work	Environmental remediation or clean-up

54342	Septic system installation services	51620 ex	Water plumbing and drain laying work [Septic system installation services]	Wastewater management
54650	Insulation services	51650	Insulation work (electrical wiring, water, heat, sound)	Improvement of energy efficiency
8321	Architectural services and advisory services	8671	Architectural services	Improvement of energy efficiency
83324	Engineering services for power projects	86729	Other engineering services	Production of cleaner or renewable energy
83326	Engineering services for waste-management projects (hazardous and non-hazardous)			Solid or hazardous waste management; Wastewater management
83327	Engineering services for water, sewerage and drainage projects			Solid or hazardous waste management; Wastewater management; Water supply or treatment
83441	Composition and purity testing and analysis services	86761	Composition and purity testing and analysis services	Environmental monitoring, analysis or assessment; Air pollution control or avoidance; Environmental remediation or clean-up; Solid or hazardous waste management; Wastewater management
83442	Testing and analysis services of physical properties	86762	Testing and analysis services of physical properties	Improvement of energy efficiency;

				Environmental monitoring, analysis or assessment
87152 ex	Maintenance and repair services of electrical machinery and apparatus n.e.c	88640	Repair services of electrical machinery and apparatus n.e.c., on a fee or contract basis	Production of cleaner or renewable energy