



**Asia-Pacific
Economic Cooperation**

Advancing Free Trade
for Asia-Pacific **Prosperity**

Model Schedule of Commitments for Environmental and Environmentally Related Services

APEC Group on Services

December 2022



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Explanatory Note

Background

1. In 2021, the APEC Group on Services developed a non-binding and non-exhaustive Reference List of Environmental and Environmentally Related Services (the “Reference List”).
2. The Reference List was subsequently endorsed by Ministers at their 2021 Annual Ministerial Meeting.
3. The Reference List forms the basis of the Model Schedule of Commitments set out below (“Model Schedule”).

Purpose and use of the Model Schedule

4. The purpose of the Model Schedule is to assist APEC member economies develop a positive list schedule of Environmental and Environmentally Related Services based on the Reference List.
5. Member economies may wish to use the Model Schedule in one of two ways:
 - a. to **develop a standalone Schedule of Commitments for Environmental and Environmentally Related Services**: a standalone Schedule of Commitments could sit as a supplementary Schedule of Commitments alongside a pre-existing Schedule of Commitments in a free trade agreement (for example, it could be added during negotiations for an upgrade of an existing agreement), or it could be tabled as a freestanding Schedule of Commitments for Environmental and Environmentally Related Services during negotiations for a new agreement; or
 - b. to **insert new commitments into an existing Schedule of Commitments**: in this case, the Model Schedule can assist an economy to identify sectors and sub-sectors in respect of which it wishes to insert commitments into a broader Schedule of Commitments in an existing or new free trade agreement.

How the Model Schedule works

6. The Model Schedule is designed to allow APEC member economies to follow the same positive list scheduling practice as they have followed in the GATS and other agreements that take a positive list approach to trade in services.
7. The Model Schedule uses the classification structure followed in the World Trade Organization (WTO)’s Services Sectoral Classification List (W/120). It

uses the headings for those sectors and sub-sectors which include environmental services and environmentally related services as identified in the Reference List. It includes cross references to relevant United Nations CPC categories (both Provisional and Version 2.1 are included).

Types of services

8. The Reference List divides Environmental and Environmentally Related Services into two groups:
 - a. **Group 1:** services that are environmentally related of themselves, being directly related to environmental conditions; and
 - b. **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.).
9. In the Model Schedule, services subsectors that fall within Group 2 in the Reference List are marked with **an asterix (*)**. When an economy makes a commitment in respect of these subsectors, that commitment will only apply in respect of services and service suppliers to the extent that the scheduling economy considers that the services are to be used for the purposes identified in the Group 2 definition. In other words, commitments will only apply to services and service suppliers if the services being supplied meet the Group 2 definition of “environmentally related”. If services are used for other purposes, the economy’s commitments will not apply in respect of those services or the service supplier.
10. For the purposes of accurately scheduling specific subsectors, some minor stylistic amendments have been made to the Reference List. These are noted in footnotes where they occur, and do not alter the substance of what has been agreed in the Reference List.

Relationship with pre-existing service commitments

11. Improving pre-existing commitments: In some cases, an APEC member economy wanting to make commitments in one of the identified environmental sub-sectors will already have pre-existing commitments in a relevant sector, but there may be conditions or limitations attached to those pre-existing commitments; or the pre-existing commitments may not apply to all modes of supply. The economy may use their new (or amended) schedule to improve their pre-existing commitments by removing the conditions or limitations for the

relevant environmental or environmentally related sub-sector, or making commitments for additional modes of supply for the environmental or environmentally related sub-sector.

For example, an economy may have already scheduled commitments in respect of “*Architectural services*”. This commitment captures sub-sectors under the relevant CPC code (CPC Prov. 8671, CPC 2.1 8321). However, they may have entered conditions or limitations with respect to those services, or may not have made full commitments for each mode of supply. They may now wish to schedule additional commitments in respect of “*Architectural services related to improvement of energy efficiency*” and would do so by listing this sub-sector and scheduling the new or improved commitments they wish to make for it. These new or improved commitments will only apply to the sub-sector, “architectural services related to improvement of energy efficiency”, and will not affect the remainder of the sub-sectors captured by their pre-existing commitment.

12. Scheduling sub-sectors not previously scheduled within a sector: In other cases, an APEC member economy may have already scheduled commitments in respect of one or more sub-sectors, but not those included in the Reference List. They may use their new schedule to list the newly committed environmental sub-sector.

For example, an economy may have already scheduled commitments in respect of “engineering design services for the construction of foundations and building structures (CPC Prov. 86722)” and “engineering design services for mechanical and electrical installations for buildings” (CPC Prov. 86723)”. These are both sub-sectors of “Engineering services (CPC Prov. 8672)”. They may now wish to schedule commitments in respect of “Engineering services for waste-management projects (hazardous and non-hazardous) (CPC Prov. 86729)” and would do so by listing this sub-sector and scheduling the commitments they wish to make for it. These new commitments would not affect the pre-existing commitments which would continue to apply to the other sub-sectors already listed.

13. Putting conditions or limitations on pre-existing commitments: Where an APEC economy is using the Model Schedule to add to commitments in an existing free trade agreement, they will not be able to put in place any new conditions or limitations on pre-existing commitments unless this is permitted under the terms of the agreement and, where relevant, is agreed with the other Party to the agreement. This will include situations where they wish to limit access in respect

of sectors or sub-sectors already committed so that their commitments only extend to the environmentally related portion of those sectors or sub-sectors.

For example, an economy may have a pre-existing commitment in respect of “*engineering services for power projects (CPC Prov. 87629; CPC 2.1 83324)*”. However, they may now wish to limit that commitment so that it only applies to power projects deemed to be environmentally beneficial. They would not be able to put that limitation in place without reaching agreement with their trading partner who is the beneficiary of that commitment, otherwise they would be breaching the pre-existing commitment which applies to “*engineering services for power projects*” irrespective of the environmental benefits.

Horizontal limitations

14. Economies should consider whether horizontal conditions or limitations are relevant (such as overseas investment screening requirements or conditions related to the purchase of land). If they are scheduling new sectors or sub-sectors in the context of an existing agreement, they may wish to make a cross-reference to such conditions or limitations, or they may wish to replicate them as appropriate if they are tabling a supplementary Schedule of Commitments.

Annex 1 – relationship of the Reference List services to the WTO Services Sectoral Classification List

15. Annex I provides further assistance to Member economies by setting out the WTO Services Sectoral Classification List (W/120 List) and inserting the APEC Reference List of Environmental and Environmentally Related Services. This is provided to assist Member Economies for information purposes only to assist in seeing how the Environmental and Environmentally Related Services fit into the structure that has been used for GATS Schedules. The Model Schedule is based on this structure.

Model Schedule

{INSERT ECONOMY NAME}

SUPPLEMENTARY SCHEDULE OF COMMITMENTS – ENVIRONMENTAL AND ENVIRONMENTALLY RELATED SERVICES

Notes:

Services or service suppliers in the sectors or subsectors marked with **an asterix (*)** are only covered by the commitments set out in this Schedule in relation to services that {insert economy name} considers are to be 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.).

**{INSERT ECONOMY NAME} – [SUPPLEMENTARY] SCHEDULE OF COMMITMENTS:
ENVIRONMENTAL AND ENVIRONMENTALLY RELATED SERVICES**

Modes of supply: 1) Cross-border supply 2) Consumption abroad 3) Commercial presence 4) Presence of natural persons

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
I. HORIZONTAL COMMITMENTS			
ALL SECTORS INCLUDED IN THIS SCHEDULE	{Insert as relevant}	{Insert as relevant}	
II. SECTOR-SPECIFIC COMMITMENTS			
1. BUSINESS SERVICES			
A. Professional services			
d) Architectural services			
-- Architectural services (CPC Prov. 8671, CPC 2.1 8321)*	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
<p>e) Engineering services</p> <p>-- Engineering services for power projects (CPC Prov.86729; CPC 2.1 83324)*</p> <p>-- Engineering services for waste-management projects (hazardous and non-hazardous) (CPC Prov. 86729, CPC 2.1 83326)*</p> <p>-- Engineering services for water, sewerage and drainage projects (CPC Prov. 86729, CPC 2.1 83327)*</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
<p>g) Urban planning and landscape architectural services</p> <p>-- Urban planning services (studies of environmental impact and economic assessments of urban development plans) (CPC Prov. 86741, CPC 2.1 83221)</p> <p>-- Landscape architectural services (advisory services related to natural landscapes) (CPC Prov. 86742, CPC 2.1 83231)</p> <p>-- Landscape architectural services (related to natural landscapes, other than advisory services) (CPC Prov. 86742, CPC 2.1 83232)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
<p>k. Other -- Geological and geophysical consulting services</p> <p>-- Geological and geophysical consulting services related to groundwater (CPC Prov. 86751, CPC 2.1 83411)</p> <p>-- Geological and geophysical consulting services related to the evaluation of geological, geophysical and geochemical anomalies (CPC Prov. 86751, CPC 2.1 83411)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p> <p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	
<p>-- Geological and geophysical services</p> <p>-- Geological, geophysical and other scientific prospecting services, and subsurface surveying services, related to carbon, carbon capture and</p>	<p>1)</p> <p>2)</p> <p>3)</p>	<p>1)</p> <p>2)</p> <p>3)</p>	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
storage (CPC Prov. 86751 and 86752, CPC 2.1 83412) ¹ -- Geological, geophysical and other scientific prospecting services, and subsurface surveying services, related to natural risk management (CPC Prov. 86751 and 86752, CPC 2.1 83412) ²	4) 1) 2) 3) 4)	4) 1) 2) 3) 4)	
-- Other professional, scientific, technical and business services -- Environmental consulting services (CPC Prov. 86729, CPC 2.1 83931)	1) 2) 3) 4)	1) 2) 3) 4)	

¹ This description combines the different elements of Prov. 86571 and 86572 which all correspond to the services listed under Version 2.1 83412. There is, however, one element of Prov. 86571 that does not explicitly appear in 83412 of Version 2.1 ("other scientific prospecting services"). This has been added into the description.

² This description combines the different elements of Prov. 86571 and 86572 which all correspond to the services listed under Version 2.1 83412. There is, however, one element of Prov. 86571 that does not explicitly appear in 83412 of Version 2.1 ("other scientific prospecting services"). This has been added into the description.

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
C. Research and Development Services			
a) R&D services on natural sciences -- Experimental development services in other natural sciences (environmental sciences not elsewhere classified) (CPC Prov. 85109, CPC 2.1 81139)	1) 2) 3) 4)	1) 2) 3) 4)	
F. Other Business Services			
e. Technical testing and analysis services -- Composition and purity testing and analysis services (CPC Prov. 86761, CPC 2.1 83441)* -- Testing and analysis services of physical properties (CPC Prov. 86762, CPC 2.1 83442)*	1) 2) 3) 4) 1) 2)	1) 2) 3) 4) 1) 2)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
	3) 4)	3) 4)	
i. Services incidental to manufacturing -- <i>Materials Recovery</i> -- Metal waste and scrap recovery (recycling) services, on a fee or contract basis (CPC Prov. 88493, CPC 2.1 89410) -- Non-metal waste and scrap recovery (recycling) services, on a fee or contract basis (CPC Prov. 88493, CPC 2.1 89420)	1) 2) 3) 4) 1) 2) 3) 4)	1) 2) 3) 4) 1) 2) 3) 4)	
n. Maintenance and repair of equipment (not including			

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
<p>maritime vessels, aircraft or other transport equipment</p> <p>-- Repair services of electrical machinery and apparatus n.e.c., on a fee or contract basis (CPC Prov. 88640, CPC 2.1 87152)*</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	
<p>o. Building-cleaning services</p> <p>-- Specialized cleaning services (cleaning services for reservoirs and tanks, these being parts of either industrial sites or transport equipment; furnace and chimney cleaning services; and cleaning of furnaces, incinerators, boilers, ventilation ducts and exhaust units) (CPC Prov. 87409; CPC 2.1 85340)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	<p>1)</p> <p>2)</p> <p>3)</p> <p>4)</p>	
<p>t. Other</p> <p>-- Landscape care and maintenance services (planting,</p>	<p>1)</p>	<p>1)</p>	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
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) (CPC Prov. 96499, CPC 2.1 85970)	2) 3) 4)	2) 3) 4)	
3. CONSTRUCTION SERVICES			
B. General construction work for civil engineering*			
-- General construction services of dams (CPC Prov. 51330, CPC 2.1 54233)* - General construction services of irrigation and flood control	1) 2) 3) 4) 1) 2) 3)	1) 2) 3) 4) 1) 2) 3)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
waterworks (CPC Prov. 51330, CPC 2.1 54234) ³	4)	4)	
-- General construction services of waterways and harbours (CPC Prov. 51330, CPC 2.1 54232)*	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
-- General construction services of long distance pipelines (CPC Prov. 51340, CPC 2.1 54241)*	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
-- General construction services of long-distance communication and power lines (CPC Prov. 51340, CPC 2.1 54242)*	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	

³ Prov. 51330 includes, in addition to the listed services, construction services of waterways and harbours. However, these do not appear in 2.1 54234. They are therefore included as a separate line below. Construction services of waterways and harbours correlates to 2.1 54232.

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- General construction services of local pipelines (CPC Prov. 51350, CPC 2.1 54251)*	1) 2) 3) 4)	1) 2) 3) 4)	
-- General construction services of local cables and related or ancillary works (CPC Prov. 51350, CPC 2.1 54252)*	1) 2) 3) 4)	1) 2) 3) 4)	
-- General construction services of sewage and water treatment plants ⁴ (CPC 2.1 54253, CPC Prov. 51390)*	1) 2) 3)	1) 2) 3)	

⁴ Prov. 51390 only refers to construction services "for engineering works n.e.c.". Because Version 2.1 is more specific, that wording has been included here, with Prov. 51390 noted as per the Reference List where it is listed as the corresponding code.

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- General construction services of power plants (CPC 2.1 54262, CPC Prov. 51390) ^{5*} -- General construction services for mining and manufacturing (CPC Prov. 51360, CPC 2.1 54261 and 54269)* -- General construction services for other engineering works,	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
1)	1)		

⁵ In the Reference List, Prov. 51360 is listed as corresponding to 2.1 54262. However, 54262 is "general construction services of power plants", while 51360 is "constructions for mining and manufacturing". A new line has been added below to cover construction for mining and manufacturing as per Prov. 51360. The corresponding 2.1 codes have been included. Prov. 51390 has been used here (construction work for civil engineering for engineering works n.e.c.) to capture construction services for power plants.

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
including engineering works n.e.c. (CPC Prov. 51390, CPC 2.1 54290)*	2) 3) 4)	2) 3) 4)	
C. Installation and Assembly Work			
-- Septic system installation services (CPC Prov. 51620, CPC 2.1 54342) ^{6*} -- Water plumbing and drain laying work (CPC Prov. 51620, CPC 2.1 54621 and 54622 respectively)*	1) 2) 3) 4) 1) 2) 3) 4)	1) 2) 3) 4) 1) 2) 3) 4)	

⁶ CPC 2.1 separates out "septic installation services". A separate row has been added underneath to cover "water plumbing and drain laying" which are coded 54261 and 54269 respectively in CPC 2.1.

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
- Insulation services (including electrical wiring, water, heat, sound) (CPC Prov. 51650, CPC 2.1 54650) ^{7*}	1) 2) 3) 4)	1) 2) 3) 4)	
E. Other*			
-- Site formation and clearance work (CPC Prov. 51130, CPC 2.1 54320)* -- Excavating and earthmoving work (CPC Prov. 51140, CPC 2.1 54330)*	1) 2) 3) 4) 1) 2) 3) 4)	1) 2) 3) 4) 1) 2) 3) 4)	
6. ENVIRONMENTAL SERVICES			

⁷ Note that CPC 2.1 54650 does not specifically refer to electrical wiring insulation work, but it does not exclude it either.

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
A. Sewage services			
-- Sewerage and sewage treatment services (CPC Prov. 94010, CPC 2.1 94110) -- Septic tank emptying and cleaning services (CPC Prov. 94010, CPC 2.1 94120)	1) 2) 3) 4) 1) 2) 3) 4)	1) 2) 3) 4) 1) 2) 3) 4)	
B. Refuse disposal services			
-- Collection services of hazardous medical and other biohazardous waste (CPC Prov. 94020, CPC 2.1 94211) -- Collection services of industrial hazardous waste,	1) 2) 3) 4) 1)	1) 2) 3) 4) 1)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
except medical and other biohazardous waste (CPC Prov. 94020, CPC 2.1 94212)	2) 3)	2) 3)	
	4)	4)	
-- Collection services of other hazardous waste (CPC Prov. 94020, CPC 2.1 94219)	1) 2)	1) 2)	
	3) 4)	3) 4)	
-- Collection services of non-hazardous recyclable materials, residential (CPC Prov. 94020, CPC 2.1 94221)	1) 2)	1) 2)	
	3) 4)	3) 4)	
-- Collection services of non-hazardous recyclable materials, other (CPC Prov. 94020, CPC 2.1 94229)	1) 2)	1) 2)	
	3)	3)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- General waste collection services, residential (CPC Prov. 94020, CPC 2.1 94231) -- General waste collection services, other (CPC Prov. 94020, CPC 2.1 94239) -- Hazardous waste preparation, consolidation and storage services (CPC Prov. 94020, CPC 2.1 94311) -- Ship-breaking and other dismantling of wrecks services	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
(CPC Prov. 94020, CPC 2.1 94312)	2)	2)	
	3)	3)	
	4)	4)	
-- Non-hazardous recyclable materials preparation, consolidation and storage services (CPC Prov. 94020, CPC 2.1 94313)	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
-- Other non-hazardous waste preparation, consolidation and storage services (CPC Prov. 94020, CPC 2.1 94319)	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
-- Hazardous waste treatment services (CPC Prov. 94020, CPC 2.1 94321)	1)	1)	
	2)	2)	
	3)	3)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- Hazardous waste disposal services (CPC Prov. 94020, CPC 2.1 94322) -- Sanitary landfill services, non-hazardous waste (CPC Prov. 94020, CPC 2.1 94331) -- Other landfill services, non-hazardous waste (CPC Prov. 94020, CPC 2.1 94332)	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	
	1)	1)	
	2)	2)	
	3)	3)	
	4)	4)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- Incineration of non-hazardous waste (CPC Prov. 94020, CPC 2.1 94333) -- Other non-hazardous waste treatment and disposal services (CPC Prov. 94020, CPC 2.1 94339)	1) 2) 3) 4) 1) 2) 3) 4)	1) 2) 3) 4) 1) 2) 3) 4)	
C. Sanitation and similar services			
-- Sweeping and snow removal services (CPC Prov. 94030, CPC 2.1 94510)	1) 2) 3) 4)	1) 2) 3) 4)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- Other sanitation services (CPC Prov. 94030, CPC 2.1 94590)	1) 2) 3) 4)	1) 2) 3) 4)	
D. Other – Remediation services			
-- Site remediation and clean-up services, air (CPC Prov. 94090, CPC 2.1 94411)	1) 2) 3) 4)	1) 2) 3) 4)	
-- Site remediation and clean-up services, surface water (CPC Prov. 94090, CPC 2.1 94412)	1) 2) 3) 4)	1) 2) 3) 4)	
-- Site remediation and clean-up services, soil and groundwater	1)	1)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
(CPC Prov. 94090, CPC 2.1 94413)	2)	2)	
	3)	3)	
	4)	4)	
-- Containment, control and monitoring services and other	1)	1)	
side remediation services n.e.c.	2)	2)	
(CPC Prov. 94090, CPC 2.1 94420)	3)	3)	
	4)	4)	
-- Building remediation services	1)	1)	
(CPC Prov. 94090, CPC 2.1 94430)	2)	2)	
	3)	3)	
	4)	4)	
-- Other remediation services	1)	1)	
n.e.c. (CPC Prov. 94090, CPC 2.1 94490)	2)	2)	
	3)	3)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
	4)	4)	
D. Other – Environmental services n.e.c.			
-- Cleaning services of exhaust gases (CPC Prov. 94040, CPC 2.1 94900) -- Noise abatement services (CPC Prov. 94050, CPC 2.1 94900) -- Nature and landscape protection services (CPC Prov. 94060, CPC 2.1 94900)	1) 2) 3) 4) 1) 2) 3) 4) 1) 2) 3) 4)	1) 2) 3) 4) 1) 2) 3) 4) 1) 2) 3) 4)	

Sector or Subsector	Limitations on Market Access	Limitations on National Treatment	Additional Commitments
-- Other environmental protection services n.e.c. (e.g. acidifying deposition (“acid rain”) monitoring, controlling and damage assessment services) (CPC Prov. 94090, CPC 2.1 94900) ⁸	1) 2) 3) 4)	1) 2) 3) 4)	
10. RECREATIONAL, CULTURAL AND SPORTING SERVICES			
C. Libraries, archives, museums and other cultural services			
-- Nature reserve services, including wildlife preservation services (CPC Prov. 96332, CPC 2.1 96422)	1) 2) 3) 4)	1) 2) 3) 4)	

⁸ Note that the example used here does not appear in the Reference List but is found in both the Provisional and 2.1 Versions of the CPC.

Annex 1.

WTO Services Sectoral Classification List – MTN.GNS/W/120

The following table replicates the WTO Services Sectoral Classification List (W/120 List) and inserts the APEC Reference List of Environmental and Environmentally Related Services (“Reference List”).

1. This table is for information and guidance only and should be read alongside the Model Schedule of Commitments for Environmental and Environmentally Related Services. It is not an official document.
2. Environmental and Environmentally Related Services are highlighted and inserted into the W/120 List in order to assist officials in seeing how these services fit into the broader structure of services classifications:
 - a. sectors and subsectors highlighted **green** are those that are listed as part of Group 1 in the Reference List, being services that are environmentally related of themselves, being directly related to environmental conditions; and
 - b. sectors and subsectors marked with an asterix (*) and highlighted **orange** are those that are listed as part of Group 2 in the Reference List, being services that may be environmentally related if they are 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.).
3. For sectors in respect of which Environmental and Environmentally Related Services subsectors have been inserted, the existing sector heading is highlighted, as are the newly inserted Environmental and Environmentally Related Services subsectors.

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
1.	BUSINESS SERVICES		
A.	<u>Professional Services</u>		
a.	Legal services		
b.	Accounting, auditing and bookkeeping services	862	
c.	Taxation services	863	
d.	Architectural services*	8671	8321
	<i>-- Architectural 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*</i>	8671	8321
e.	Engineering services*	8672	833
	<i>-- Engineering services for power projects 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*</i>	86729	83324
	<i>-- Engineering services for waste-management projects (hazardous and non-hazardous) 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*</i>	86729	83326
	<i>-- Engineering services for water, sewerage and drainage projects 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*</i>	86729	83327
f.	Integrated engineering services	8673	
g.	Urban planning and landscape architectural services	8674	8322 & 8323

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
	-- <i>Urban planning services (studies of environmental impact and economic assessments of urban development plans)</i>	86741	83221
	-- <i>Landscape architectural services (advisory services related to natural landscapes)</i>	86742	83231
	-- <i>Landscape architectural services (related to natural landscapes, other than advisory services)</i>	86742	83232
h.	Medical and dental services	9312	
i.	Veterinary services	932	
j.	Services provided by midwives, nurses, physiotherapists and para-medical personnel	93191	
k.	Other		
	-- Geological and geophysical consulting services		
	-- <i>Geological and geophysical consulting services related to groundwater</i>	86751	83411
	-- <i>Geological and geophysical consulting service related to the evaluation of geological, geophysical and geochemical anomalies</i>	86751	83411
	-- Geological and geophysical services		
	-- <i>Geological and geophysical services, and subsurface surveying services, related to carbon, carbon capture and storage</i>		
	-- <i>Geological and geophysical services, and subsurface surveying services, related to natural risk management</i>	86751	83412
	-- Other professional, scientific, technical and business services		
	-- <i>Environmental consulting services</i>	86729	83931
B.	<u>Computer and related services</u>		
a.	Consultancy services related to the installation of computer hardware	841	
b.	Software implementation services	842	
c.	Data processing services	843	
d.	Data base services	844	

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
e.	Other	845	
C.	<u>Research and development services</u>		
a.	R&D services on natural sciences	851	811
	-- <i>Experimental development services in other natural sciences (environmental sciences not elsewhere classified)</i>	85109	81139
b.	R&D services on social sciences and humanities	852	
c.	Interdisciplinary R&D services	853	
D.	<u>Real Estate Services</u>		
a.	Involving own or leased property	821	
b.	On a fee or contract basis	822	
E.	<u>Rental/Leasing Services without Operators</u>		
a.	Relating to ships	83103	
b.	Relating to aircraft	83104	
c.	Relating to other transport equipment	83101+83101+	
d.	Relating to other machinery and equipment	83106-83109	
e.	Other	832	
F.	<u>Other Business Services</u>		
a.	Advertising services	871	
b.	Market research and public opinion polling services	864	
c.	Management consulting services	865	
d.	Services related to management consulting	866	
e.	Technical testing and analysis services*	8676	
	-- <i>Composition and purity testing and analysis services*</i>	86761	83441
	-- <i>Testing and analysis services of physical properties*</i>	86762	83442

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
f.	Services incidental to agriculture, hunting and forestry	881	
g.	Services incidental to fishing	882	
h.	Services incidental to mining	883+5115	
i.	Services incidental to manufacturing	884+885 (except for 88442)	
	-- <i>Metal waste and scrap recovery (recycling) services, on a fee or contract basis</i>	88493	89410
	-- <i>Non-metal waste and scrap recovery (recycling) services, on a free or contract basis</i>	88493	89420
j.	Services incidental to energy distribution	887	
k.	Placement and supply services of personnel	872	
l.	Investigation and security	873	
m.	Related scientific and technical consulting services	8675	
n.	Maintenance and repair of equipment (not including maritime vessels, aircraft or other transport equipment)*	633+	
	-- <i>Repair services of electrical machinery and apparatus n.e.c., on a fee or contract basis*</i>	88640	87152
o.	Building-cleaning services	874	
	-- <i>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)</i>	87409	85340
p.	Photographic services	875	
q.	Packaging services	876	
r.	Printing, publishing	88442	
s.	Convention services	87909	
t.	Other	8790	
	-- <i>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)</i>	96499	85970

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
2.	COMMUNICATIONS SERVICES n/a		
3.	CONSTRUCTION AND RELATED ENGINEERING SERVICES		
A.	<u>General construction work for buildings</u>	512	
B.	<u>General construction work for civil engineering*</u>	513	
	-- General construction services of dams*	51330	54233
	-- General construction services of irrigation and flood control waterworks*	51330	54234
	-- General construction services of waterways and harbours*	51330	54232
	-- General construction services of long distance pipelines*	51340	54241
	-- General construction services of long-distance communication and power lines*	51340	54242
	-- General construction services of local pipelines*	51350	54251
	-- General construction services of local cables and related or ancillary works*	51350	54252
	-- General construction services of sewage and water treatment plants*	51390	54253
	-- General construction services of power plants*	51390	54262
	-- General construction services for mining and manufacturing*	51360	54261, 54269
	-- General construction services for other engineering works, including engineering works n.e.c.*	51390	54290
C.	<u>Installation and assembly work*</u>	514+516	
	-- Septic tank installation services*	51620	54342
	-- Water plumbing and drain laying work*	51620	54621, 54622
	-- Insulation services(electrical wiring, water, heat, sound)*	51650	54650
D.	<u>Building completion and finishing work</u>	517	
E.	<u>Other*</u>	511+515+518	
	-- Site formation and clearance work*	51130	54320
	-- Excavating and earthmoving work*	51140	54330
4.	DISTRIBUTION SERVICES n/a		

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
5.	EDUCATIONAL SERVICES n/a		
6.	ENVIRONMENTAL SERVICES		
A.	<u>Sewage services</u>	9401	
	-- Sewerage and sewage treatment services	94010	94110
	-- Septic tank emptying and cleaning services	94010	94120
B.	<u>Refuse disposal services</u>	9402	
	-- Collection services of hazardous medical and other biohazardous waste	94010	94211
	-- Collection services of industrial hazardous waste, except medical and other biohazardous waste	94010	94212
	-- Collection services of other hazardous waste	94020	94219
	-- Collection services of non-hazardous recyclable materials, residential	94020	94221
	-- Collection services of non-hazardous recyclable materials, other	94020	94229
	-- General waste collection services, residential	94020	94231
	-- General waste collection services, other	94020	94239
	-- Hazardous waste preparation, consolidation and storage services	94020	94311
	-- Ship-breaking and other dismantling of wrecks services	94020	94312
	-- Non-hazardous recyclable materials preparation, consolidation and storage services	94020	94313
	-- Other non-hazardous waste preparation, consolidation and storage services	94020	94319
	-- Hazardous waste treatment services	94020	94321
	-- Hazardous waste disposal services	94020	94322
	-- Sanitary landfill services, non-hazardous waste	94020	94331
	-- Other landfill services, non-hazardous waste	94020	94332
	-- Incineration of non-hazardous waste	94020	94333
	-- Other hazardous waste treatment and disposal services	94020	94339
C.	<u>Sanitation and similar services</u>	9403	

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
	-- Sweeping and snow removal services	94030	94510
	-- Other sanitation services	94030	94590
D.	<u>Other</u>		
	-- Other remediation services		
	-- Site remediation and clean-up services, air	94090	94411
	-- Site remediation and clean-up services, surface water	94990	94412
	-- Site remediation and clean-up services, soil and groundwater	94090	94413
	-- Containment, control and monitoring services and other site remediation services n.e.c.	94090	94420
	-- Building remediation services	94090	94430
	-- Other remediation services n.e.c.	94090	94490
	-- Other – Environmental services		
	-- Cleaning services of exhaust gases	94040	94900
	-- Noise abatement services	94050	94900
	-- Nature and landscape protection services	94060	94900
	-- Other environmental protection services n.e.c. (e.g. acidifying deposition (“acid rain”) monitoring, controlling and damage assessment services)	94090	94900
7.	FINANCIAL SERVICES n/a		
8.	HEALTH RELATED AND SOCIAL SERVICES n/a		
9.	TOURISM AND TRAVEL-RELATED SERVICES n/a		
10.	RECREATIONAL, CULTURAL AND SPORTING SERVICES		
A.	<u>Entertainment services (including theatre, live bands and circus services)</u>	9619	
B.	<u>News agency services</u>	962	
C.	<u>Libraries, archives, museums and other cultural services</u>	963	

	SECTORS AND SUBSECTORS	CPC Prov.	CPC 2.1
	<i>-- Nature reserve services, including wildlife preservation services</i>	96322	96422
D.	<u>Sporting and other recreational services</u>	964	
E.	<u>Other</u>		

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