

# WORLD TRADE ORGANIZATION

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Committee on Trade and Environment  
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## MARKET ACCESS FOR ENVIRONMENTAL GOODS

### Communication from the European Communities

#### Paragraph 31(iii)

#### Addendum

The following communication, dated 24 June 2005, is being circulated at the request of the Delegation of the European Communities.

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1. In submission **TN/TE/W/47**, paragraphs 12 and 13 contain tables, respectively, of
    - **Examples of Sub-sectors and Products Included in the Pollution Control and Resource Management Category;** and
    - **Examples of Sub-sectors and Products Identified in the Category of Goods that have a High Environmental Performance or Low Environmental Impacts.**
  2. The following table reproduces those two tables. Following requests from Members it also contains a further column providing, on an indicative basis only, the relevant HS code where this has been identified. For further ease of use this table contains the entry numbers used in the Secretariat compilation JOB(05)/57.
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**A. Examples of Sub-sectors and Products Included in the Pollution Control and Resource Management Category**

SECTOR/ACTIVITY AND ENV. POLICY OBJECTIVE	SUB-SECTOR/ACTIVITY ENTRY NUMBER IN JOB(05)/57	HS CODE (INDICATIVE)	PRODUCTS	REMARKS
<p><b>WATER FOR HUMAN USE (COLLECTION, TREATMENT AND DISTRIBUTION) AND WASTEWATER MANAGEMENT</b></p> <p>Millennium Development Goal: <b>Halve</b>, by the year 2015, the <b>proportion of people without sustainable access to safe drinking water</b>. WSSD Plan of Implementation: <b>Halve</b>, by the year 2015, the proportion of people who do not have access to <b>basic sanitation</b>. Protecting and managing the <b>natural resource</b> base of economic and social development. WSSD, para. 25: Intensify water pollution prevention to reduce health hazards and protect ecosystems by introducing technologies for affordable sanitation and industrial and domestic wastewater treatment; establishing national monitoring systems. Support the diffusion of water conservation technologies, and programmes for energy-efficient, sustainable and cost-effective desalination</p>	<p><b>Water analysis, measurement and monitoring (148)</b></p>	<p>9025</p>	<p>Thermometers, pyrometers, hydrometers, hygrometers, salinometer and parts thereof</p>	
	<p>(151)</p>	<p>9026</p>	<p>Instruments for measuring or checking the flow, level, pressure or other variables of liquids and parts thereof</p>	<p>Flow meters, manometers, level gauges, etc. for water</p>
	<p><b>Water collection (363)</b></p>	<p>...</p>	<p>Rainwater catchment system</p>	
	<p><b>Production of drinking water, including water treatment systems (88)</b></p>	<p>8413</p>	<p>Pumps for water, whether dry well or submersible, and parts thereof</p>	<p>For water, wastewater and sludge.</p>
	<p>(120)</p>	<p>8421.21 8421.29</p>	<p>Filtering or purifying machinery and apparatus for water and parts thereof</p>	<p>Including sludge belt filter presses and belt thickeners.</p>
	<p><b>Water handling equipment (67)</b></p>	<p>681091 7309 7611</p>	<p>Cisterns, vats and reservoirs for drinking water, for households or industry, including for rainwater, made of plastic, concrete or metal.</p>	
	<p>(125)</p>	<p>6810.91 6906; 7303; 7307</p>	<p>Pipes for drinking water, wastewater and sea manhole, and accessories thereof.</p>	

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of seawater, water recycling and water harvesting from coastal fogs in developing countries.	<b>Wastewater treatment (68)</b>	...	Wastewater treatment plant. Wastewater treatment unit, for individual use, and parts thereof	e.g. Used by households or services companies. A specific tariff code could be provided for wastewater treatment plants.
	(69)	6810.91 7309	Septic tanks and other vats and reservoirs for wastewater treatment	
	<b>Irrigation (364)</b>	...	Drip irrigation equipments	Reduces the use of water
	(365)	...	Sprinkling equipments	Reduces the use of water
<b>SOLID/HAZARDOUS WASTE MANAGEMENT</b> WSSD, para 22 (a): Develop waste management systems, with the highest priority placed on waste prevention and minimization, reuse and recycling, and environmentally sound disposal facilities, including technology to recapture the energy contained in waste, and encourage small-scale waste-recycling initiatives (...).	<b>Waste collection (187)</b>	3923.10 ; 3923.30 ; 3925.10 ; 4819.30 ; 4819.40 ; 7309.00; 7310.10; 7310.29; 7612.90; 9403.20	Waste containers, whether or not combined with a compactor	Containers of any material, of any form, for liquid or solid waste, including for municipal or dangerous waste.
	(204)	8704	Recycling vehicles/ Refuse disposal vehicles	Including vehicles for the collection of industrial waste.
	<b>Waste treatment and disposal, including recycling (173)</b>	8479.82	Waste sorter devices	
	(173)	8479.82 8479.90	Sorting, screening, separating and washing machines for recycling waste (i.e. metals, plastics, glass, paper, etc.), and parts thereof	

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<b>PROTECTION OF AMBIENT AIR AND CLIMATE</b> Agenda 21 (chapter 9): development of <b>pollution control and measurement technologies</b> for stationary and mobile sources of air pollution as well as of alternative environmentally sound technologies.	<b>Air pollution measurement and monitoring</b> (gas, particles and aerosols in the environment and at the emission source) <b>(272, 40)</b>	9026 9027.10 9033	Air quality monitor, Dust emissions monitor. Parts thereof	
	<b>(272, 40)</b>	9027.10 9033	Gas, smoke and particles analysis apparatus, and parts thereof	
	<b>Air purification, including odour control</b> <b>(43)</b>	8421.31 8421.39	Filtering or purifying machinery and apparatus for gas or air	Physical, mechanical, chemical or electrostatic filters and purifiers for the removal of COV, solid or liquid particles in gases, etc.
	<b>(44)</b>	8417.80 8417.90	Heat or catalytic incinerators (oxidisers) and parts thereof	COV destruction by heating of polluted air and oxidation of organic components.
	<b>Air handling</b> <b>(15)</b>	8414.59 8414.90	Fans and parts thereof	Transport or extraction of polluted air and corrosive gases or dust
	<b>(18)</b>	8414.80 8414.90	Industrial hoods and parts thereof	Ex: for exhaust gases
<b>PROTECTION AND REMEDIATION / CLEANUP OF SOIL AND WATER</b> Protection of soil, in particular from pollution, erosion, land degradation, contamination and desertification. Sustainable use of soil.	<b>Analysis</b> <b>(263)</b>	9027	Instruments and apparatus for physical or chemical analysis and parts thereof	Analysis of hydrocarbons and heavy metals in the soil
	<b>(299)</b>	903010	Instruments and apparatus for measuring or detecting ionising radiations and radioactivity	
	<b>Pollution control</b> <b>(222)</b>	8907.10	Inflatable oil spill recovery barges and tanks	

SECTOR/ACTIVITY AND ENV. POLICY OBJECTIVE	SUB- SECTOR/ACTIVITY ENTRY NUMBER IN JOB(05)/57	HS CODE (INDICATIVE)	PRODUCTS	REMARKS
	(224)	8907.90; 3926.90; 5603.14	Oil containment booms, oil absorbent booms	
	<b>Soil cleaning/ remediation (216)</b>	8479.89	Equipment and apparatus for cleaning or stabilizing the soil	Stripping, oil- water separator, catalytic oxidisers, ultrafiltration apparatus, bio-remediation equipment, soil stabilization and solidification equipment, etc.
	(217)	3002.90 3507.90	Cultures of micro- organisms and enzymes for soil bio-remediation	Bio-remediation. Also used for the biological treatment of wastewater.
	<b>Soil protection (398)</b>	4601.20	Erosion control matting, biodegradable	
	(397)	5603.13 5603.14 5603.93 5603.94 5407.61 ; 5407.69 5407.71 to 540774	Woven or non- woven geotextiles used for the separation, filtration, draining, reinforcement, watertightness, and anti-erosion of soil	Made of natural (i.e. coir, straw, jute) or man-made materials.
	(399)		Seeder for direct sowing	Conservation tilling. Allows to sow without ploughing the soil.
<b>NOISE AND VIBRATION ABATEMENT</b> EC policy objective: substantial reduction of the number of people affected by <b>noise</b> , in particular from traffic (reduction of noise emissions from services and products; mitigation of traffic noise).	<b>Noise measurement and analysis (236)</b>	9027.80 9027.90	Instruments and apparatus for measuring, checking or analysing noise; parts and accessories thereof	
	<b>Vibration measurement and analysis (237)</b>	9031.80 9031.90	Instruments and apparatus for measuring, checking or analysing vibrations; parts and accessories thereof	Vibrometers, hand vibration meters.
	<b>Noise and vibration abatement (238)</b>	3920 3921	Soundproof panels and screens for outdoor uses	

SECTOR/ACTIVITY AND ENV. POLICY OBJECTIVE	SUB- SECTOR/ACTIVITY ENTRY NUMBER IN JOB(05)/57	HS CODE (INDICATIVE)	PRODUCTS	REMARKS
	(239)	4504	Panels, boards, tiles, blocks and similar articles of agglomerated cork	
<b>ENVIRONMENTAL MONITORING, ANALYSIS AND ASSESSMENT not already included elsewhere</b> Improve the data and information on the state and trends of the environment. WSSD, para 36 (g): Improve the systematic observation of the Earth's atmosphere, land and oceans by improving monitoring stations (...).	(264)	9015.30 9015.80 9015.90	Hydrological, oceanographic, meteorological instruments and appliances, and parts thereof	Includes levels, limnigraphs, seismic instruments, machinery and apparatus for measuring the ozone layer, etc.
<b>RENEWABLE ENERGIES</b> <b>WSSD para. 8:</b> To facilitate the achievement of the Millennium development goals, including the goal of halving the proportion of people in poverty by 2015, by improving access to sustainable energy services and resources, through rural electrification and decentralised energy systems, <b>increased use of renewables (...)</b> . Para 20. (c): Develop and disseminate alternative energy technologies with the aim of <b>giving a greater share of the energy mix to renewable energies.</b> <b>Climate change:</b> greenhouse gas emissions reduction and prevention by encouraging the use of renewable energy sources.	<b>Solar energy (380)</b>	8419.50 7309 7611 3925.10	Solar heating (Solar water heater, solar swimming pool heater, solar space heating system)	Solar collector and solar system controller:
	(381)	8511	Solar Photovoltaics (PV generator)	PV module

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<p><b>Bonn International Conference for Renewable Energies,</b> June 2004: Political Declaration: substantially increase with a sense of urgency the global share of renewable energy in the total energy supply. Policy recommendations: the WTO rules should promote renewables; Governments, the WTO (...) should proceed rapidly to reduce trade barriers for renewable energy technologies as well as electricity and fuels from renewable sources. Efforts and instruments to foster the use of renewable energies should include safeguards against market distortions, especially export subsidies and import duties.</p>	<p><b>Wind energy (384)</b></p>	<p>8502.31</p>	<p>Wind generator</p>	<p>Wind turbine</p>
	<p><b>Hydropower (366)</b></p>	<p>8502.39</p>	<p>Small hydro powered generating plant:</p>	
	<p><b>(367)</b></p>	<p>8410.11; 8410.90</p>	<p>- Hydraulic turbines and water wheels of a power not exceeding 1000 kW and parts thereof.</p>	
	<p><b>(368)</b></p>	<p>8502.39</p>	<p>- Generator for use in the above hydro-power plant</p>	
	<p><b>Marine/ocean power (385)</b></p>	<p>8502.39</p>	<p>Electricity generators powered by ocean currents/tidal streams</p>	

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	<b>Geothermal power generation (386)</b>	8419.50	Heat pumps and parts thereof	
	<b>Bio-energy (387)</b>	7304.10 7305.10 7306.10 8501.10 8501.20 8501.30 9026.80 9028.10 8417.80	Plants for producing bio-electricity and bio-heat from waste	Bio-energy derived from organic material (vegetable, animals and micro-organisms), is known as biomass. In order to be sustainable, biomass exploitation implies <b>careful resource management</b> that includes the rehabilitation of the atmosphere and respect of ecosystems. Considering that such a condition is not <i>a priori</i> granted, for the purpose of this list, the exploitation of bio-energy focuses on <b>waste recovery</b> (agricultural and forestry residues, biodegradable fraction of municipal solid waste).



**B. Examples of Sub-sectors and Products Included in the Category of Goods that Have a High Environmental Performance or Low Environmental Impacts**

<b>SECTOR/ACTIVITY AND ENV. POLICY OBJECTIVE</b>	<b>SUB-SECTOR/ACTIVITY</b>	<b>HS CODE (INDICATIVE)</b>	<b>PRODUCTS</b>	<b>REMARKS</b>
<b>INSULATION</b> Promotion of <b>energy efficiency</b> in buildings; Sustainable use of raw materials (renewable resources).	<b>Insulation (400)</b>	6808	Panels, boards, tiles, blocks and similar articles of vegetable fibre, of straw or of shavings, chips, particles, sawdust and other waste of wood, agglomerated with cement, plaster or other mineral binders, used for soundproofing and thermal insulation, not containing dangerous substances.	Includes insulation articles made of wood waste, coir, true hemp, reed, etc.
<b>VEGETABLE PLAITING MATERIALS</b>	<b>Vegetable plaiting material (401)</b>	Chap 14	Vegetable plaiting materials and other vegetable products of Chapter 14.	
<b>PULPS OF FIBROUS CELLULOSIC MATERIAL</b>	<b>Pulps of fibrous cellulosic material (402)</b>	470610 470691	Pulps of fibres derived from recovered fibrous cellulosic material, not chemically treated.	Includes pulps of jute, flax, true hemp, sisal, etc.
<b>VEGETABLE TEXTILE FIBRES</b>	<b>Vegetable textile fibres (403)</b>	ex Chapter 53, except ex 5308.90 (paper yarn) and ex 5311.00 (woven fabrics of paper yarn).	Vegetable textile fibres and articles thereof (yarn and woven fabrics) of Chapter 53	Better environmental performance of these materials compared to their alternatives.
<b>OTHER NATURAL PRODUCTS</b>	<b>(404)</b>	1521.10 1521.90	Vegetable waxes; beeswax and other insect waxes	Products harvested on trees without deforestation.
		3404	Preparations exclusively made of a mixture of vegetable and/or animal waxes.	

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		1515.90	(Wild) Shea butter, mechanically extracted, neither refined nor chemically modified	Shea butter is extracted from the fruits of the wild shea tree, in Sahelian Africa, either by mechanical extraction or solvent extraction. Here are included naturally-obtained shea butter, i.e. neither solvent extracted nor refined, which is of a better quality.
<b>SUSTAINABLE AGRICULTURE OR GARDENING</b>	<b>Organic fertilisers</b>	3101	Animal or vegetable fertilisers	Organic fertilisers are an essential input to organic farming
	<b>Natural pest control</b>	1211.90 1302.14 3808.10	Biological plant protection products	Includes micro-organisms that have a limited impact on biodiversity, for example by targeting the pest to be controlled.
<b>ENERGY EFFICIENCY</b> EC Policy objective: Promotion of energy efficiency in buildings	<b>Fluorescent tubes</b>	8539	Lifetime around 10.000 hours, up to over 20.000 hours.	
<b>SUSTAINABLE TRANSPORT</b> Agenda 21 (chapter 9): development and promotion of more	<b>Public transport of persons/transport of goods: railway and tramway</b>	8601 8603 8606 8607	Rail locomotives and self-propelled railway or tramway coaches/vans/trucks	

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efficient, less polluting and safer transport systems; <b>WSSD</b> para. 21: Providing safe, affordable and efficient transportation, increasing energy efficiency, reducing greenhouse gas emissions, congestion, adverse health effects and limiting urban sprawl by developing <b>better vehicle technology</b> and <b>multi-modal transportation systems</b> , including <b>public mass transportation systems</b> .	<b>Other forms of sustainable transport</b>	8901.90	Barges and similar vessels for the transport of persons or goods, on inland waterways. Parts thereof	Inland waterways are a sustainable alternative to road transport (energy efficiency, safe, lower air pollution).
<p>The EC also proposes to include in the definition of environmental goods products that have a label issued by a scheme included in the existing international network Global Ecolabelling Network (GEN) as defining environmental goods. GEN labels are ISO type I eco-labelling schemes that meet the general requirements and principles of ISO 14024 while originating from various countries, both developed and developing countries. At the same time, WTO Members should be ready to increase technical assistance to help developing countries set up and administer their own ecolabels within these parameters.</p>				