

EC SUBMISSION ON ENVIRONMENTAL GOODS

Submission by the European Communities

Paragraph 31 (iii)

The following communication, dated 4 July 2005, is being circulated at the request of the Delegation of the European Communities.

1. WTO Members will find attached to this note a list of Environmental Goods. This list should be read in conjunction with the earlier EC submission, TN/TE/W/47. It represents an addition to the items covered in part A of the list contained in that submission. On part B the EC stand ready for further discussion. The list as a whole should be seen as “open” in two senses:

- It is not a final or definitive submission but a contribution to the discussion; and
- the environmental credentials of products can vary over time as technologies develop, and a mechanism to update the list is desirable.

2. In line with the approach set out in the earlier submission, the selection of environmental goods is guided by two main principles:

- They contribute to the fulfilment of national and international environmental priorities including Multilateral Environmental Agreements, the Millennium Development Goals (in particular on access to safe water and sanitation), Agenda 21 and the WSSD Plan of Implementation.
- They encompass categories of interest to all WTO Members including developing countries.

3. In line with these guiding principles, the list is divided into two main categories: (A) goods used in pollution control and resource management and (B) goods that have a high environmental performance or low environmental impact. Each of these two main categories is composed of several subcategories:

1. Goods used in Pollution Control and Resource Management

- Water for human use (collection, treatment and distribution) and wastewater management;
- solid/hazardous waste management;
- protection of ambient air and climate;

- protection and remediation/cleanup of soil and water;
- noise and vibration abatement;
- environmental monitoring, analysis and assessment not already included elsewhere;
- and
- renewable energies.

2. Goods with a high environmental performance/low environmental impact

- Vegetable plaiting materials;
- pulps of vegetable fibres;
- vegetable textile fibres;
- other products made of vegetable fibres;
- other natural products;
- sustainable agriculture or gardening;
- energy efficiency;
- sustainable transport; and
- eco-labelled products.

4. Similarly to New Zealand's latest submission (TN/TE/W/49), the EC list thus includes examples of products with high environmental performance or low environmental impact. Products with these characteristics can in principle be distinguished from other products on the basis of their physical characteristics (e.g. natural fibres).

5. The EC also reiterates its offer to include in the list products which carry an eco-label issued by a labelling scheme included in the existing international GEN network, which covers both developed and developing countries. The choice of these products has the advantage that it allows the inclusion of high environmental performance/low environmental impacts products which are easily identifiable. In view of the comments made by some Delegations, and as stated in our previous submission (TN/TW/W47), the EC too believes that within the group of eco-labelled products it is preferable to single out those which are not exclusively definable by non-product related production or processing methods.

6. At this stage the EC list identifies goods for purposes of inclusion in the Environmental Goods list through an indication of the 4 digit or (usually) 6-digit HS-heading applicable. This is without prejudice to the question of whether the whole of that code needs to be retained in the final analysis or whether a list agreed in the CTE Special Session should contain a certain number of more detailed code classifications or ex-outs. Previous discussions in the CTE have highlighted the possible additional work this might entail in custom administration.

7. The CTE Special Session should therefore further examine whether ex-outs are necessary and feasible, and in which cases inclusion in the list of the complete six-digit headings can be achieved. It should be recalled that the identification of environmental goods serves not only the purpose of providing an opportunity for targeted tariff reductions, but also a focus for the removal of non-tariff barriers. In this latter context the need for ex-outs should arise less acutely.

European Communities: Environmental Goods list Part A – Pollution Control and Resource Management

List to be read in conjunction with TN/TE/W/47

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
WATER FOR HUMAN USE AND WASTEWATER MANAGEMENT	Policy objective Millennium Development Goals: Goal 7, Environmental sustainability: Halve the proportion of people without sustainable access to safe drinking water . WSSD-Johannesburg Plan of Implementation (Jpol) , <i>inter alia</i> , paras 8 and 25: Halve, by the year 2015, the proportion of people who are unable to reach or to afford safe drinking water and the proportion of people who do not have access to basic sanitation . JPoI, Chapter IV: Protecting and managing the natural resource base of economic and social development. JpoI 25 (d): Intensify water pollution prevention to reduce health hazards and protect ecosystems by introducing technologies for affordable sanitation and industrial and domestic wastewater treatment, by ... establishing at national level, monitoring systems; 26 (e): Support the diffusion of technology and capacity-building for non-conventional water resources and conservation technologies; 26 (f): Support, where appropriate, efforts and programmes for energy-efficient, sustainable and cost-effective desalination of seawater, water recycling and water harvesting from coastal fogs in developing countries. Para. 66 (d): Protect water resources, including groundwater and wetland ecosystems ... support efforts for developing non-conventional water resources.		
Water analysis, measurement and monitoring	Thermometers, pyrometers, hydrometers, hygrometers, salinometer and parts thereof.	9025	
	Instruments for measuring or checking the flow, level, pressure or other variables of liquids and parts thereof.	9026	
	Instruments and apparatus for physical or chemical analysis of water and parts thereof.	9027	
	Automatic regulating or controlling instruments and apparatus for the regulation of gaseous or liquid fluids.	9032	
	Collecting and sampling equipment.	8479.89	
	Reagents for water analysis.	3822	
Water collection	Rainwater catchment system.		
	Fog and/or dew catcher.		
Production of drinking water	Centrifugal pumps for water, whether dry well or submersible, and parts thereof.	8413	For water, wastewater and sludge.
	Filtering or purifying machinery and apparatus for water and parts thereof.	8421.21 8421.99	Including sludge belt filter presses and belt thickeners.
	Membranes for filters.	See air treatment	
	Activated earths; activated carbons.	3802.10	
	Ion-exchangers.	3914; 3824.90	
	Aeration systems and aerators.	8479.89; 4016.99	
	Ejectors/Injectors for water treatment; liquid elevators.	8413.81; 8413.82	
	Distilling or rectifying plant eg seawater desalination systems.	8419.40	
	Evaporators and dryers, for water treatment.	8419.89	
	Ozonisers and parts thereof, UV disinfection technology.	8543.89; 8543.90	Water disinfection.

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
	Chlorine dioxide generator.		Water disinfection.
	System for operation and control of water and wastewater treatment ops.	8421	
Water handling equipment	Cisterns, vats and reservoirs for drinking water, for households or industry, including for rainwater, made of plastic, concrete or metal.	6810.91; 7309; 7611	
	Gutters of concrete or polymers, and related articles (manhole cover, of cast iron or steel, filters, etc).	6810.91; 7325.10; 7325.99; 7326.90	
	Pipes for drinking water, wastewater and sea manhole, and accessories thereof.	6810.91; 6906; 7303; 7307	
	Pipes for water distribution and wastewater draining, and accessories thereof.	7304.31 to 7304.90; 7306.30 to 7306.90; 7307	Includes pipes for sanitation, aspiration, feeding, canalisation, draining, etc.
	Water consumption meters and parts thereof.	9028.20; 9028.90	
	Taps, cocks and valves for water and wastewater.	8481.10 to 8481.80	
	Water saving shower.	7324.90	
	Water closet pans and flushing cisterns, urinals.	6910; 7324.90	Includes dry closets.
Wastewater treatment	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.
	Other filtering and purifying machinery and apparatus for liquids.	8421.29	
	Septic tanks and other vats and reservoirs for wastewater treatment.	6810.91 7309	
	Machines and appliances for solid/liquid separation, flocculation or thickening, whether or not compacting and bagging, of sewage sludge.	8479.89	
	Sludge driers & granulating machines.	8419.39	
	Sludge silos with independent functions.	8479.89	
	Cultures of micro-organisms and enzymes for the bio-treatment of wastewater.	3002.90 3507.90	
	Limestone flux.	2521.00	
	Fabric of polyethylene/polypropylene/ nylon for filtering waste water.	5603.14	

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
SOLID/ HAZARDOUS WASTE MANAGEMENT	JPOI, <i>inter alia</i> , 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 that support urban and rural waste management and provide income-generating opportunities, ... 22 b): Promote waste prevention and minimization by encouraging production and reusable consumer goods and biodegradable products and developing the infrastructure required.		
Waste collection	Waste containers, whether or not combined with a compactor.	4819.30; 4819.40; 7309.00; 7310.10; 7310.29; 7612.90; 9403.20	Containers of any material, of any form, for liquid or solid waste, including for municipal or dangerous waste.
	Recycling vehicles/ Refuse disposal vehicles.	8704	Including vehicles for the collection of industrial waste.
	Containers specially designed and equipped for carriage of liquid or solid waste.	8609	
	Roller tables and other conveyers for feeding and removing waste.	8428.32 to 8428.39	
Waste treatment and disposal, including recycling	Waste sorter devices.	8479.82	
	Sorting, screening, separating and washing machines for recycling waste (i.e. metals, plastics, glass, paper, etc.), and parts thereof.	8474.10; 8479.82; 8479.90	A specific tariff code could be created for recycling plants and units.
	Grinder, shredder, crusher, excluding food disposal units; Compactors for paper, plastic, board, cartons, etc., agglomerator, briquetter, pelletiser and other mixing equipments for waste. Parts thereof.	8474.20; 8479.82; 8439.10; 8439.20; 8462.91; 8479.90; 8439.99; 8466.94	Including waste separators.
	Machinery for cleaning or drying bottles or other containers and parts thereof.	8422.20; 8422.90	
	Fluorescent tubes treatment plants.	8479.82	
	Composting systems of organic matter :		
	- Containers and silos of, wood or metals.	4421; 7310.10	
	- Machinery, apparatus and vehicles for composting.	8479.89; 8704	e.g. Grinding and mixing machines for biowaste; Tunnels composed of a hermetic reactor with automatic aeration and feeding systems.
	Thermal treatment/Incineration systems <u>recovering energy</u> , equipped with <u>filters</u> for atmospheric emissions control:		Includes combustion, gasification and pyrolysis technologies. Includes systems for co-generation of heat and power.
	- Furnaces and ovens for the incineration/thermal treatment of waste; parts thereof.	8417.80; 8417.90; 8419.89; 8514	Includes fluidised bed systems (bubbling, circulating, etc.) and biomass boilers.
	- Heat exchanger.	8419.50	

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
	Distilling or rectifying plant, including biogas refinement equipment.	8419.40	
	- Condenser; cooling towers.	8419.89	
	- Filtering systems for gas.	8421.39	
	- Biomass boilers and parts thereof; Auxiliary plant and condensers for use with these boilers.	8402; 8403; 8404	
	Biological treatment of organic waste, including production of biogas:		Biological processes that convert organic matter into biogas and steam/electricity.
	Biological treatment plant.	8479.89	A specific tariff code could be provided for plants.
	Digestion tanks; Biogas reactor; biogas refinement equipment.	8419.89	
	Landfill gas monitoring system.	8479.89	Includes gasifier, feeding system, pressurised/atmospheric operation equipment, tar removal equipment, gas cleaning equipment, etc for the control of landfill methane emissions.
	Gas engine for the use of special gases (landfill gas, biogas, gas resulting from industrial processes).	8407.90	
	Landfill drainage mats, made of non-wovens, whether or not impregnated, coated, covered or laminated, of man-made filaments, of a weight exceeding 150 g/m ² .	5603.14	For leachate or gas landfill drainage.
	Landfill leachate treatment equipment (leachate aerators and pumps, gas extraction wells...).	8479.89	
	Sheets and foils of polymeres of propylene.	3920.20	
Other sanitation	Vehicles for urban and beach cleaning.	8705.90	e.g. Litter sweeper, beach cleaning machines.
	Machines for urban cleaning.	8479.10	e.g. Litter sweeper.
PROTECTION OF AMBIENT AIR AND CLIMATE	Agenda 21 (chapter 9): development of pollution control and measurement technologies for stationary and mobile sources of air pollution as well as of alternative environmentally sound technologies.		
Air pollution measurement and monitoring (gas, particles and aerosols in the environment and at the emission source)	Air quality monitor, Dust emissions monitor. Parts thereof.	9026; 9033	
	Gas, smoke and particles analysis apparatus, and parts thereof.	9027.10; 9033	
	Gas or smoke detectors and alarms, monitors, including sensors. Parts thereof.	8531.80; 8531.90; 9027; 9033	

Sector/Activity	Product Examples	HS Code (indicative)	Remarks	
Air purification, including odor control	Filtering or purifying machinery and apparatus for gas or air.	8421.31; 8421.39	Physical, mechanical, chemical or electrostatic filters and purifiers for the removal of COV, solid or liquid particles in gases, etc.	
	Heat or catalytic incinerators (oxidisers) and parts thereof.	8417.80; 8417.90	COV destruction by heating of polluted air and oxydation of organic components.	
	Dust collection and storing equipment.	8479.89	Including Off-sheat and On-sheat dust control devices, flue dust recovery and transportation equipment.	
	Parts of filters:	8421.99		
	Activated carbons.	3802.10		
	Filter paper and paperboard; Filter blocks, slabs and plates, of paper pulp.	4805.40; 4812		
	Polyurethane foam.	3921.13		
	Membranes for filters, of plastic, rubber or ceramics.	3921.1; 4016.99; 6909		
	Cellulose filters.	3920; 3921		
	Textile filters (sacks and other filtering products).	5603; 5911.90		
	Non-woven product of non-textile glass fiber.	7019.32; 7019.39	Boards or rolls of glass fiber for the manufacture of air filters.	
	Filters made of steel cloth.	7314.12		
	Air handling	Fans and parts thereof.	8414.59; 8414.90	Transport or extraction of polluted air and corrosive gases or dust.
		Industrial hoods and parts thereof.	8414.80; 8414.90	Ex : for exhaust gases.
Auxiliary plant for use with boilers of heading 8402 or 8403 (for example, economizers, super-heaters, soot removers, gas recoverers).		8404.10;		
PROTECTION AND REMEDIATION/ CLEANUP OF SOIL AND WATER	Protection of soil, in particular from pollution, erosion, land degradation, contamination and desertification. Sustainable use of soil.			
Analysis	Instruments and apparatus for physical or chemical analysis and parts thereof.	9027	Analysis of hydrocarbons and heavy metals in the soil	
	Instruments and apparatus for measuring or detecting ionising radiations and radioactivity and parts thereof.	9030.10 903090		
	Soil sampling equipment.	8479.89		
Pollution control	Inflatable oil spill recovery barges and tanks.	8907.10		
	Pollution protection booms, oil containment booms, oil absorbent booms.	3926.90; 5603.14; 8907.90		
	Oil skimmer, and parts thereof.	8421.19; 8421.91		

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
	Machines and appliances for oil recovery; Oil spill and aquatic weed control harvesters.	8479.89	Including entire oil recovery systems and harvesters that have the ability to move on land and on water.
	Flexible tanks for the storage of recovered oil or chemicals.	3925.10	
	Oil absorbent materials and kits of recycled paper and wood fibres, including in compressed format.	4823.70	
	Absorbant articles made of non-wovens, in the forms of sheets, rolls, pads, pillows, sweeps.	5603; 6307.10; 6307.90	
	Biodegradable surface-active preparations for emulsifying hydrocarbons in water or soil.	3402.90	
	Personal protective clothing and accessories (clothing, gloves, boots, helmets)	6210; 7019.90	
Soil cleaning/remediation	Equipment and apparatus for cleaning or stabilising the soil.	8479.89	Stripping, oil-water separator, catalytic oxidisers, ultrafiltration apparatus, bio-remediation equipment, soil stabilisation and solidification equipment, etc.
	Cultures of micro-organisms and enzymes for soil bio-remediation.	3002.90; 3507.90	Bio-remediation. Also used for the biological treatment of wastewater.
Soil protection	Erosion control matting, biodegradable.	4601.20	
	Plastic geomembranes for soil protection, watertightness, anti-erosion of soil.	3920.10; 3920.43; 3920.49; 3921.12	e. g. PVC or polyethylene plastic membrane systems to provide an impermeable base for landfill sites and protect soil under gas stations, oil refineries, etc. from infiltration by pollutants. Reinforcement of soil.
	Plastic or paper sheeting for water and heat saving.	3920	Plastic sheets for agriculture and horticulture, laid on the ground to retain the sun's heat, saving water and fertilisers and reducing infiltration into the groundwater.
NOISE AND VIBRATION ABATEMENT	EC policy objective: substantial reduction of the number of people affected by noise , in particular from traffic (reduction of noise emissions from services and products; mitigation of traffic noise).		
Noise measurement and analysis	Instruments and apparatus for measuring, checking or analysing noise; parts and accessories thereof.	9027.80; 9027.90	
Vibration measurement and analysis	Instruments and apparatus for measuring, checking or analysing vibrations; parts and accessories thereof.	9031.80; 9031.90	Vibrometers, hand vibration meters.

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
Noise and vibration abatement	Soundproof panels and screens for outdoor uses.	3920; 3921	
	Panels, boards, tiles, blocks and similar articles of agglomerated cork.	4504	
	Felt, whether or not impregnated, coated, covered or laminated, cut to size; Mattresses made of synthetic materials, for soundproofing.	5602.29; 5602.90; 5603	
	Slag wool, rock wool and similar mineral wools; exfoliated vermiculite, expanded clays, foamed slag and similar expanded mineral materials; mixtures and articles of heat-insulating, sound-insulating or sound-absorbing mineral materials, other than those of heading 6811 or 6812 or of Chapter 69.	6806	
	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.	6808	Includes insulation articles made of wood, waste, coir, true hemp, reed etc,
	Multiple-walled insulating units of glass.	7008	For soundproofing and thermal insulation of buildings.
	Thin sheets, webs, mattresses, boards and similar non-woven products of glass fibres, including glass wool.	7019.32; 7019.39	For soundproofing and thermal insulation of buildings.
	Pads and casings for insulating tubes and pipes.	7019.90.30	
	Silencers and exhaust pipes for motor vehicles.	8708.92	
	Silencers for engines.	8409.91; 8409.99	
ENVIRONMENTAL MONITORING, ANALYSIS AND ASSESSMENT not already included elsewhere	Improve the data and information on the state and trends of the environment. JPoI , <i>inter alia</i> para 38 g): Improve the systematic observation of the Earth's atmosphere, land and oceans by improving monitoring stations (...).		
	Hydrological, oceanographic, meteorological instruments and appliances, and parts thereof.	9015.30; 9015.80; 9015.90	Includes levels, limnigraphs, seismic instruments, machinery and apparatus for measuring the ozone layer, etc.

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
RENEWABLE ENERGIES	JPoI, <i>inter alia</i>, para 9 : [...] to improve access to reliable and affordable energy services for sustainable development sufficient 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, and as a means to generate other important services that mitigate poverty..., bearing in mind that access to energy facilitates the eradication of poverty. 9 (a) [...] enhance[d] rural electrification and decentralised energy systems, increased use of renewables [...]. Para 20 c) : Develop and disseminate alternative energy technologies with the aim of giving a greater share of the energy mix to renewable energies . Climate change: greenhouse gas emissions reduction and prevention by encouraging the use of renewable energy sources.		
Solar energy			
Solar heating (Solar water heater, solar swimming pool heater, solar space heating system)	Solar collector and solar system controller:		
	Solar absorber.		
	Insulation.		
	Heat exchanger.	8419.50	
	Temperature sensor.		
	Differential temperature controller.		
	Evacuated glass tubes.		
	Heat pipes.		
	Solar pre-heating storage tank.	7309; 7611; 3925.10	
Solar Photovoltaics (PV generator)	PV module.	8541.40	The whole system is classified under 8502.39.
	PV system controller.		
	Deep discharge (solar) battery.		
	PV module mounting/frame.		
	Parts:		
	Solar cells.	8541.40	
Solar thermal power generation	Heliostats, parabolic mirrors.		
	Sun tracking mountings.		
	Solar boiler (water heater).	8419.19	
	Parts thereof.		
Other solar technologies	Parabolic mirrors for electricity production and parts thereof.		
	Solar inverter.	8504.40	Converts solar energy into electricity.
	Solar pumping system & parts thereof.		
	Solar cooking system & parts thereof.		
	Portable solar power generation equipment and parts thereof.		Composed of a solar PV generator and accumulators.

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
	Solar desalinisator and parts thereof.		
Wind energy			
Wind generator	Wind turbine.	8502.31	
	Components:		
	Nacelle.		
	Wind turbine blade.		
	Wind turbine gearbox.		
	Wind turbine tower.	7308.20	
	Electric generator for wind turbine, and parts thereof.	8502.31; 8503	
Wind pump	Wind powered pumping system.		
	Components:		
	Nacelle.		
	Wind turbine blade.		
	Wind turbine gearbox.		
	Wind turbine tower.		
	Water pump for use with wind turbine.	8413	See above.
Hydropower	Small hydro powered generating plant.	8502.39	Due to their negative environmental impact, large hydro-power plants are excluded from this category. The economic potential of small hydro power plants (<10MW), if correctly planned, is far more important.
	- Hydraulic turbines and water wheels of a power not exceeding 1000 kW and parts thereof.	8410.11; 8410.90	
	- Generator for use in the above hydro-power plant.	8502.39	
Wave power	Wave power generating plant.	8502.39	
Geothermal power generation	Geothermal energy sensor system.		
	Heat pumps and parts thereof.	8419.50	Includes pumps for air cooling.
	Space aeration system, with heat recovery.		
Bio-energy			
Bio-electricity and bio-heat from waste	See above: "Waste treatment and disposal, including recycling" for combustion/incineration and landfill gas production from waste.	7304.10; 7305.10; 7306.10; 8501.10; 8501.20; 8501.30 9026.80; 9028.10; 8417.80	Biomass exploitation needs careful resource management if it is to be sustainable. Since practice can vary, examples chosen for this list focus on waste recovery (agricultural and forestry residues, biodegradable fraction of municipal solid waste).
	Biomass combined heat and power plant.	8502.13; 8502.39	

European Communities: Environmental Goods List Part B - Goods with high environmental performance/low environmental impacts			
List to be read in conjunction with TN/TE/W/47			
Sector/Activity	Product examples	HS Code (indicative)	Remarks
	Policy Objectives Agenda 21 (chapter 4) and WSSD : promoting sustainable consumption and production patterns .		
VEGETABLE PLAITING MATERIALS	Vegetable plaiting materials and other vegetable products of Chapter 14.	Chapter 14	For instance materials made of bamboo or rattan (i.e. non-wood forest products). Bamboo grows to harvestable conditions in 4-5 years (much faster than slow-growing hardwoods, to which it offers alternative solutions) and can be harvested sustainably, without killing it. Bamboo can be of great use to rehabilitate and reclaim degraded (agricultural) land, to protect rivers banks and hill slopes against soil erosion and to help regenerate tropical forests. Rattan has similar characteristics.
PULPS OF FIBROUS CELLULOSIC MATERIAL	Pulps of fibres derived from recovered fibrous cellulosic material, not chemically treated.	4706.10; 4706.91	Contributes to the recovery of waste products. Includes pulps of jute, flax, true hemp, sisal, etc (see below).
VEGETABLE TEXTILE FIBRES	Vegetable textile fibres and articles thereof (yarn and woven fabrics) of Chapter 53.	Chapter 53, excluding paper yarn and woven fabrics of paper yarn (ex 5308.90 and 5311.00).	Includes vegetable fibres such as flax, hemp, jute, sisal, coconut, abaca and ramie. These fibres are a renewable resource; they require low input of energy, fertilisers and crop protection chemicals; their total carbon dioxide balance is neutral to positive and they are fully biodegradable.
OTHER NATURAL PRODUCTS	Vegetable waxes; Beeswax and other insect waxes.	1521.10; 1521.90	Products harvested on trees without deforestation.
	Unrefined shea butter.	1515.90	Shea butter is extracted from the fruits of the wild shea tree, in Sahelian Africa. These trees do not need any irrigation, fertilizers or pesticides and are not grown in plantations.
		3404	Preparations exclusively made of a mixture of vegetable and/or animal waxes.
SUSTAINABLE AGRICULTURE OR GARDENING	EU Action Plan Organic Food/Farming (2004)		
Organic fertilisers	Animal or vegetable fertilisers.	3101	Organic fertilisers are an essential input to organic farming.
Natural pest control	Pyrethrum, extracts of pyrethrum or of the roots of plants containing rotenone	1211.90; 1302.14	Natural occurring botanical pesticides used in organic agriculture.
	Insecticides and other pest control preparations exclusively made of natural materials, put up in forms or packings for retail sale.	3808.10	Naturally derived (microbial or botanical insecticides) used in organic agriculture.

Sector/Activity	Product Examples	HS Code (indicative)	Remarks
ENERGY EFFICIENCY	6th EAP : Promotion of energy efficiency in buildings		
Low consumption bulbs	Compact fluorescent lamps.	8539	Reduction of energy consumption. Lifetime between 6.000 and 12.000 hours. Energy efficiency : 90% of the energy used is transformed into light (5% for a classic bulb). Recyclable packaging.
	Fluorescent tubes.	8539	Lifetime around 10.000 hours, up to over 20.000 hours.
SUSTAINABLE TRANSPORT	Agenda 21 (chapter 9) : development and promotion of more efficient, less polluting and safer transport systems; JPoI , <i>inter alia</i> , para 21 : [...] providing safe, affordable and efficient transportation, increasing energy efficiency, 21 (a) [...] reducing greenhouse gas emissions, congestion, adverse health effects and limiting urban sprawl by developing better vehicle technology and 21 (b) [...] multi-modal transportation systems , including public mass transportation systems . Climate change, Kyoto Protocol : reduction of collective emissions of six key greenhouse gases by at least 5% below 1990 levels by 2008-12 for developed countries. Development of sustainable transport in developing countries.		
Public transport of persons/transport of goods	Rail locomotives powered from an external source of electricity or by electric accumulators.	8601	Rail transport, especially electrified, is conducive to sustainable transport solutions (energy efficiency, low air pollution, low GHG emissions).
	Self-propelled railway or tramway coaches, vans and trucks, other than those of heading 8604, powered from an external source of electricity or by electric accumulators.	8603	Includes underground train.
	Railway or tramway goods vans and wagons, not self-propelled.	8606	
	Parts of railway or tramway locomotives or rolling-stocks mentioned above.	8607	
	Equipment for railways or tramways.	8608	
	Containers specially designed and equipped for carriage by one or more modes of transport.	8609.00	
Other forms of sustainable transport	Barges and similar vessels for the transport of persons or goods, on inland waterways. Parts thereof.	8901.90	Inland waterways are a sustainable alternative to road transport (energy efficiency, safe, lower air pollution).
ECO-LABELLED PRODUCTS	Products that have a label delivered by an ecolabelling organisation member of the Global Ecolabelling Network (GEN).		GEN labels are ISO "type I" eco-labelling schemes that meet the general requirements and principles of ISO 14024 (including objective and scientifically-based criteria that take into account the life-cycle of the product).