

ECOMONDO 2020 TRADE SECTORS LIST

A WASTE COLLECTION, TRANSPORT AND STREET CLEANING

A005 Waste transport by road
A006 Waste transport by rail
A007 Waste Collection Industrial and Special vehicles
A008 Electric vehicles for waste collection and street cleaning
A009 Biofuel vehicles
A010 Electric vehicles
A011 Hybrid vehicles
A012 Special vehicles hire
A013 Geared motors
A014 Bins
A015 Carts and bins on wheels
A016 Litter/waste baskets
A017 Special containers for differentiated collection
A018 Can crushing and collection machines
A019 Special waste collection containers
A020 Containers for oil recovery
A021 Large collection containers
A022 Transport containers
A023 Miscellaneous bags and sacks
A024 Underground eco-points
A025 Mobile covering
A026 Underground or half-underground storagetank systems
A027 Washing equipment and systems
A028 Industrial loaders
A029 Forklift trucks
A030 Container handling devices
A031 Container emptying devices
A032 Wheel loaders
A033 Telescopic handlers
A034 Bag/sack supports and transport
A035 Supports for industrial trolleys
A036 Technology applied to waste transport
A037 Road cleaning and maintenance vehicles
A038 Vacuum cleaners, cleaning machines
A039 High-pressure cleaners
A040 Industrial sweepers (walk-behind, ride-on, etc.)
A041 Sweepers
A042 Street sweeping brushes
A043 Brushes for technical applications
A044 Equipment and products for environmental cleaning and hygiene
A045 Equipment for removing graffiti
A046 Urban quality
A047 Road safety solutions
A048 Waste handling and storage
A049 Automatic waste collection systems
A050 Sewage trucks

B WASTE TREATMENT AND DISPOSAL - TECHNOLOGIES AND COMPONENTS

B001 Mechanical and sorting treatment: plants and equipment
B002 Conveyor belts
B003 Batchers
B004 Dryers
B005 Evaporators
B006 Filters
B007 Mixers
B008 Presses
B009 Separators
B010 Shredders/crushers
B011 Screens
B012 Vibrating screens
B013 Shears
B014 Blades/cutters
B017 bio-filter and exhaust air treatment
B018 Products and components for compost production
B019 Bio-shredders

A001 Compacters
A002 Vehicle components and accessories
B021 Biological waste treatment
B022 Sterilizers
B023 Washing plants
B025 Chemical/physical waste treatment
B026 Electrical and electronic component treatment
B027 Asbestos treatment
B028 Recyclable material treatment
B029 Used oil treatment
B030 Special and hazardous waste treatment
B031 Slaughterhouse and farm produce waste treatment
B032 Slags and Ashes treatment and recovery
B033 Hazardous waste disposal
B034 Radioactive waste disposal
B035 Treatment and disposal of infectious medical waste
B036 Landfill: equipment and plant
B038 Hydraulic components
B039 Systems for cable drag chains, cables and bearings
B040 Elastic components, tensioners, dampers and motor crankcases
B041 Plastic recycling systems
B042 Hydraulic pumps and motors
B043 Fuel Tanks

C RECOVERY OF MATTER AND ENERGY

C001 Equipment for scrap and waste
C002 Salvaged and recycled material
C003 Paper and cardboard salvage
C004 Electrical and electronic equipment salvage
C005 Steel salvage
C006 Aluminium salvage
C007 Salvage of products containing mercury
C008 Mineral oil salvage
C009 Animal and vegetable oil salvage
C010 Organic waste salvage
C011 Wood salvage
C012 Ferrous metal salvage
C013 Non-ferrous metal salvage
C014 Plastic salvage
C015 Tyre salvage
C016 Battery salvage
C017 Derelict vehicle salvage
C018 Glass salvage
C019 Solvent regeneration
C020 Textile recovery
C021 regeneration and refill of toner and ink-jet
C022 Catalysers
C023 Production of energy from waste: pyrocleaning, and thermo-catalytic cracking
C024 Design and construction of incinerator systems
C025 Combustion analysis
C026 Plants for differentiated selection
C027 RDF production plants
C028 Biological waste treatment

D RENEWABLE PRODUCTS

D001 Selling waste-derived products
D003 Ecomaterials, eco-design
D004 Packaging
D005 Ecological parks and gardening
D006 End products for the foodstuffs sector
D007 End products for the agricultural sector
D010 End products for the industrial sector
D011 End products for the other sectors
D014 Certified products
D016 New carbon-free materials

A003 Systems for weighing and identifying differentiated waste collection containers
A004 Waste transport by boat

D1 BIOBASED INDUSTRY – BIOECONOMY

D1002 Biolubricants
D1004 Machined wood products
D1005 Natural fibres for construction
D1006 Biorefinery (vegetable biomass; sub-products, waste and effluents from the agro-industrial sector, civil organic waste)
D1007 Mechanical-Biological Treatment: plants and equipments
D1008 Biodegradable and compostable polymers and bioplastics
D1009 Compost
D1010 Anaerobic Digestion: plants and equipment
D1011 Equipment and plants for recovering energy from waste
D1012 Composting plants and equipments

D2 ENERGY FROM BIOMASS

D2001 Equipment, components and technologies for biomasses
D2002 Equipment, components and products for energy from biomasses
D2003 Pellet burners
D2004 Wood burning gasification boilers
D2005 Pellet and/or chip and/or wood burning boilers
D2006 Biomass cogeneration
D2007 Components and technologies for biomasses
D2008 Pellet and/or chip suppliers
D2009 Biomass industrial plants
D2010 Biomass processing
D2011 Biomass logistic
D2012 Machines for production of pellets and/or chips
D2013 Services
D2014 Biomass collection systems
D2015 Biomass steam turbines
D2016 Fumes depuration

D3 ENERGY FROM BIOGAS

D3001 Equipment, components and technologies for biogas plants
D3002 Burners for biogas
D3003 Containers and silos for fermentation
D3004 Biogas production plants
D3005 Plants for production of biogas from landfills and purification plants
D3006 Plants for production of biogas from livestock sewage waste
D3007 Plants for production of biogas from industrial waste
D3008 Plants for production of biogas from vegetable substances
D3009 Biogas alternative engines
D3010 Safety piping
D3011 Turbines for biogas
D3012 Fumes depuration
D3013 Equipment, components and measurement systems for the biomethane sector
D3014 Systems for biomethane micro-liquefaction
D3015 Systems for biomethane stockage, transport, injection into networks and distribution
D3016 Technology for purifying and upgrading biomethane biogas obtained from OFMSW
D3017 Technology for purifying and upgrading biomethane biogas obtained from agricultural waste

- D3018 Methane-powered vehicles
- D3019 Biomass cogeneration and trigeneration
- D3020 Biogas cogeneration and trigeneration

D4 BIOFUELS AND ALTERNATIVE FUELS

- D4001 Other liquid biofuels
- D4002 Equipment and components for biofuels
- D4003 Equipment, components and technologies for alternative fuels
- D4004 Burners for biodiesel / ethanol / vegetable oil
- D4005 Plants for the production of alternative fuels
- D4006 Biodiesel producers and distributors
- D4007 Automotive biogas producers and distributors
- D4008 Ethanol producers and distributors
- D4009 Production of biofuels
- D4010 Fumes depuration
- D4011 Methane production and distribution technologies and systems...

E INTEGRATED WASTE MANAGEMENT

- E001 Collection platform management
- E002 Waste Collection Services management
- E003 Landscaped area maintenance
- E004 Winter street services
- E005 Differentiated waste collection service
- E006 Set-up and management of disposal, treatment and recycling plants
- E007 Street sweeping and municipal hygiene service
- E008 Transport service

F C&D WASTE: TREATMENT AND RECOVERY

- F001 equipment for industrial plants demolition
- F002 Dust elimination devices
- F003 Excavators and mini-excavators
- F004 Crushing: fixed and mobile equipment
- F005 Demolition companies
- F006 Earth-moving vehicles and equipment
- F007 Products from C&D waste recycling
- F008 Inert waste salvage
- F009 Inert waste treatment
- F010 inert waste screen
- F011 Machine components
- F012 Wheels and tires
- F013 Recycling systems for bituminous conglomerates
- F014 Hydraulic hammers

G POLLUTED SITE RECLAMATION

- G001 Land reclamation: plants and equipments
- G002 Containment and water barriers
- G003 Soil-air suction systems
- G004 Microbiological treatment
- G005 Heat treatment
- G006 Mobile treatment plants
- G007 Asbestos decontamination
- G008 Groundwater decontamination
- G009 Coverings
- G010 Revegetation
- G011 Evaluation and monitoring contaminated sites
- G012 Sampling and geophysical tools (soil gas, soil water, soil)

- G013 Transport and risk analysis models
- G014 Industrial reclamation
- G015 Reclamation of sand and sediment in port, marine and coastal areas
- G016 Products for the absorption of hydrocarbons and chemical substances
- G017 Reclamation technologies and installation
- G018 Storage, collection and transportation of hazardous substances
- G019 suction excavators

H REGIONAL WATER INFRASTRUCTURES: PROTECTION, AGRICULTURE, INDUSTRY

- H001 Protection, development and maintenance of water bodies
- H002 Flooding and coastal protection
- H003 Irrigation technology
- H004 Drainage, channelling and distribution systems for agriculture

I COLLECTION

- I001 Construction and restoration of wells and water intake works
- I002 Hydrogeological survey systems for groundwater search and monitoring

J WATER NETWORKS: DISTRIBUTION, DRAINAGE, SEWAGE

- J001 Pipes and accessories
- J002 Hydraulic joints and elastic joints
- J003 Leak detection and monitoring
- J004 Channels and ducts
- J005 Pressure or vacuum wells and outlets
- J006 Lifting and pumping stations
- J007 Rainwater collection tanks and related accessories
- J008 Shields for rainwater drains
- J009 Cleaning systems for rainwater tanks
- J010 Decanting tanks and covers for decanting systems
- J011 Fittings, vents and valves
- J012 Seals
- J013 Corrosion protection
- J014 Construction of channels and sewers
- J015 Trenchless techniques
- J016 Soil management techniques
- J017 Channel cleaning, aspirants and equipment
- J018 Sewer restoration techniques
- J019 Waterworks restoration techniques

K WATER TREATMENT: PURIFICATION, WASTE WATER MANAGEMENT

- K001 Systems for treating drinking water
- K002 Systems for using rainwater
- K003 Urban waste water purification systems
- K004 Industrial waste water purification systems
- K005 Zero Liquid Discharge systems
- K006 Technologies for membrane processes (reverse osmosis, nano/ultra/microfiltration)
- K007 Phyto-purification, lagooning and tank accumulation systems
- K008 Coverings for purification systems
- K009 Sedimentation systems

- K010 Separation systems
- K011 Filters, grids, sieves
- K012 Desalination systems
- K013 Softening systems
- K014 Iron and manganese removal systems
- K015 Absorption systems
- K016 Flotation systems
- K017 Precipitation and flocculation systems
- K018 Technologies for cooling processes
- K019 Technologies for thermal, electrolytic and oxidation processes
- K020 Ion exchange equipment
- K021 Equipment and technologies for dosing
- K022 Chemicals for water treatment
- K023 Activated sludge systems
- K024 Aeration equipment and oxygen blowers
- K025 Septic tanks
- K026 Anaerobic systems and processes
- K027 Advanced oxidation systems (ozone, etc.)
- K028 UV irradiation systems
- K029 Chlorination systems
- K030 Disinfection and deodorization systems
- K031 Chemicals for cleaning and hygiene
- K032 Absorbent products and chemicals

L ELECTROMECHANICAL COMPONENTS AND EQUIPMENT FOR WATER

- L001 Pumps and lifting systems
- L002 Compressors and ejectors
- L003 Mixers
- L004 Water saving technologies and devices

M TREATMENT AND USE OF SLUDGE, GAS GENERATION AND REUSE

- M001 Thickening and dehydration
- M002 Thickeners, centrifuges and presses
- M003 Stabilisation and decontamination
- M004 Drying
- M005 Incineration
- M006 Valorisation of sludge in agriculture
- M007 Gas and biogas generators, motors and equipment

N INTEGRATED WATER MANAGEMENT SERVICES

- N001 Shipbuilding for water treatment and purification systems
- N002 Shipbuilding for water transport systems (distribution, sewage)
- N003 Engineering, design, technical support for system construction and management
- N004 Consultancy, planning and management of water services
- N005 Maintenance of water systems and installations

CODICE ESP[CODICE]

Y SERVICE DIGITISATION AND INTEGRATED WATER SYSTEM

- Y001 Measurement technology (pressure gauges, PH, flow meters, etc.)
- Y002 Monitoring, control and reporting tools
- Y003 Recording systems, counters
- Y004 Bills and billing systems
- Y005 GIS, cartography, modelling

- Y006 IoT systems, machine learning and artificial intelligence
Y007 Smart metering

O TECHNOLOGY & DEVICES FOR AIR PURIFICATION

- O001 Fume purification - dust collectors
O002 Fume purification - gas scrubbers
O003 Fume purification - nitrogen oxide abatement systems
O004 Fume purification - active carbon reactors
O005 Fume purification - evaporators
O006 Biological exhaust gas treatment
O007 Treatment of indoor air
O008 Catalytic processes
O009 Thermal processes
O010 Absorption processes
O011 Air scrubbers
O012 Wet electrostatics precipitators
O013 Electrostatic separators
O014 Biofilters
O015 Vacuum systems
O016 Centrifuges
O017 Pumps
O018 Tubes
O019 Axial and radial fans
O020 Chimneys
O021 Air purification system control
O022 Chemical and biological products for purification
O023 Absorbent material and active carbon
O024 Catalysts and neutralized chemical products
O025 Slag treatment
O026 Dust treatment
O027 Atmospheric pollution measurement and control instruments

P FIREFIGHTING, ACCIDENT PREVENTION AND SAFETY, RISKS MANAGEMENT

- P001 Firefighting vehicles and equipment
P002 Civil defence vehicles and equipment
P003 Alarm and warning systems
P004 Firefighting & security service supplies
P005 Signs
P006 Integrated communication systems
P007 Power generators
P008 Devices for eliminating electromagnetic pollution
P009 Radioactivity (Protection, Measurement and monitoring)
P010 gas detectors
P011 Noise and vibration abatement
P012 Noise abatement barriers
P013 Prevention of industrial risks
P014 Accident prevention
P015 Work apparel
P016 Equipment and material for personal protection
P017 Geological and geotechnical surveys
P018 Techniques of remote sensing and use of drones
P019 Monitoring and control tools

- P020 Related software
P021 Products and technologies for the control of erosion
P022 Products and technologies for the soaking
P023 Products and technologies for the protection from falling boulders
P024 Products and technologies for the dredging of sediments
P025 Products and technologies for stabilisation interventions
P026 Products and technologies for reinforced soli works

Q LAND PLANNING, PROTECTION OF TERRESTRIAL AND MARINE ENVIRONMENTS

- Q001 Systems and technology for environmental protection
Q002 Ground consolidation techniques
Q003 Flood prevention
Q004 Coastal protection
Q005 Avalanche and landslide protection
Q006 Geogrids, geofabrics and geomembranes
Q007 Machinery and equipment for prevention work
Q008 Support walls
Q009 Piles, micropiles,
Q010 land planning, management & maintenance services
Q011 Systems and procedures for marine and port development projects
Q012 Protection and management of coastlines
Q013 Dredging of port and marine sediment
Q014 Protection and prevention systems for marine and coastal areas
Q015 Hydrogeological and hydrodynamic studies

R ENVIRONMENTAL EQUIPMENT, ANALYSIS, MEASUREMENT, CONTROL

- R001 Soil analysis: measurement and equipment
R002 Industrial process effluent analyses: measurement and equipment
R003 Hydrocarbon analysis: measurement and equipment
R004 Biogas analysis: measurement and equipment
R005 Water analysis: measurement and equipment
R006 Dust analysis: measurement and equipment
R007 Gas analysis and classification: measurement and equipment
R008 Waste analysis and classification: measurement and equipment
R009 Industrial analysis
R010 Systems, equipment and material for environmental monitoring
R011 Mobile equipment for environmental monitoring

- R012 Emission control system
R013 Safety and surveillance systems
R014 Remote control systems
R015 Instruments for geognostic surveys
R016 Scales
R017 Cabins for atmospheric control measurements
R018 Cartography and data archiving (hardware & software)
R019 Process control
R020 Level indicators
R021 Tracing ducts/pipes/tubes
R022 Material for continuous and intermittent measurement of soil gas
R023 Material for measuring emitted gases
R024 Meteorological parameter measurement
R025 Radioactivity measurement and control
R026 Level/rate/capacity measurement
R027 Miscellaneous measurers
R028 PH and oxidation-reduction potential measurement
R029 Temperature and humidity measurement
R030 Tracing underground cables
R031 Topographical and geodetic instruments
R032 Meteorological instruments
R033 Ecotoxicity tests

U COMMUNICATION AND CONSULTANCY SERVICES

- U001 Environmental communication
U002 Publishers
U003 Certification and standardization organizations
U004 Research and training centres
U005 Surveillance and control bodies (environment monitoring)
U006 Research institutions
U007 Financial Insurance products and services
U008 Information Technologies ad software products
U009 Environmental Consultancy and Engineering services
U010 Management & maintenance service companies
U011 Environmental impact assessment studies
U012 Industrial identification solutions
U013 Other services

Z ASSOCIATIONS, ORGANIZATIONS, MISCELLANEOUS

- Z001 Administrations and local Authorities
Z002 Associations and Consortiums
Z003 Professional Bodies
Z004 Foundations, Finance Institutes, Insurance Companies
Z005 International institutions
Z006 Multi-utilities and multi-sector activities
Z007 Non-Profit Organizations and Voluntary Environmental Associations
Z008 Natural Parks Bodies