# The Form for Technology Request

**Please note:** Mandatory field \*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Technology Request** | | | | | | | |
| Title\* | | | | | | | |
| Abstract of the request: \* *Please give a brief description of the benefits of the technology, including key technical or competitive advantages (max. 500 characters)* | | | | | | | |
| Description of the request \*  *(min. 100 characters)* | | |  | | | | |
| Innovative Aspects of the request\* *(min. 50 characters)*: | | |  | | | | |
| Main Advantages of the request \* *(min. 50 characters)*: | | |  | | | | |
| **Technology Keywords \***  Please select the domain that includes your technology request and the appropriate sub-categories  Only the selected fields rest. | | | | | | | |
| **1. ELECTRONICS, IT AND TELECOMMS (Level1)** | | | | | |  | |
| **1.1. Electronics, Microelectronics (level2)** | | | | | |  | |
| 1) Automation, Robotics Control Systems (Level3) | | | | | |  | |
| 2) Digital Systems, Digital Representation | | | | | |  | |
| 3) Electronic circuits, components and equipment | | | | | |  | |
| 4) Electronic engineering | | | | | |  | |
| 5) Embedded Systems and Real Time Systems | | | | | |  | |
| 6) High Frequency Technology, Microwaves | | | | | |  | |
| 7) Magnetic and superconductory materials/devices | | | | | |  | |
| 8) Microengineering | | | | | |  | |
| 9) Micromachining | | | | | |  | |
| 10) Nanotechnologies related to electronics and microelectronics | | | | | |  | |
| 11) Optical Networks and Systems | | | | | |  | |
| 12) Peripherals Technologies (Mass Data Storage, Display Technologies) related to electronics & microelectronics | | | | | |  | |
| 13) Printed circuits and integrated circuits | | | | | |  | |
| 14) Quantum Informatics | | | | | |  | |
| 15) Semiconductors | | | | | |  | |
| 16) Smart cards and access systems | | | | | |  | |
| 17) Environmental and Biometrics Sensors, Actuators | | | | | |  | |
| **1.2. Information Processing, Information System, Workflow Management** | | | | | |  | |
| 1) Advanced Systems Architecture | | | | | |  | |
| 2) Archivistics/Documentation/Technical Documentation | | | | | |  | |
| 3) Artificial Intelligence (AI) | | | | | |  | |
| 4) Computer Games | | | | | |  | |
| 5) Computer Hardware | | | | | |  | |
| 6) Computer Software | | | | | |  | |
| 7) Computer Technology/Graphics, Meta Computing | | | | | |  | |
| 8) Data Processing / Data Interchange, Middleware | | | | | |  | |
| 9) Data Protection, Storage Technology, Cryptography, Data Security | | | | | |  | |
| 10) Databases, Database Management, Data Mining | | | | | |  | |
| 11) Electronic Commerce, Electronic Payment | | | | | |  | |
| 12) Imaging, Image Processing, Pattern Recognition | | | | | |  | |
| 13) Information Technology/Informatics | | | | | |  | |
| 14) Internet Technologies/Communication (Wireless, Wi-Fi, Bluetooth) | | | | | |  | |
| 15) Knowledge Management, Process Management | | | | | |  | |
| 16) Simulation | | | | | |  | |
| 17) Speech Processing/Technology | | | | | |  | |
| 18) User Interfaces, Usability | | | | | |  | |
| 19) Electronic Signature | | | | | |  | |
| 20) Building Automation Software | | | | | |  | |
| 21) Remote Control | | | | | |  | |
| 22) Smart Appliances | | | | | |  | |
| **1.3. IT and Telematics Applications** | | | | | |  | |
| 1) Applications for Health | | | | | |  | |
| 2) Applications for Tourism | | | | | |  | |
| 3) Applications for Transport and Logistics | | | | | |  | |
| 4) ASP Application Service Providing | | | | | |  | |
| 5) e-Government | | | | | |  | |
| 6) Environment Management Systems & Documental Management Systems | | | | | |  | |
| 7) GIS Geographical Information Systems | | | | | |  | |
| 8) CRM - Customer relationship Management | | | | | |  | |
| 9) Quality Management System | | | | | |  | |
| 10) Maintenance Management System | | | | | |  | |
| 11) Operation Planning and Scheduler System | | | | | |  | |
| 12) Didactic System | | | | | |  | |
| 13) ICM - Internet Content Management | | | | | |  | |
| 14) Analysis Risk Management | | | | | |  | |
| 15) Work Hygiene and Safety Management | | | | | |  | |
| **1.4. Multimedia** | | | | | |  | |
| 1) Cultural Heritage | | | | | |  | |
| 2) E-Learning | | | | | |  | |
| 3) E-Publishing, Digital Content | | | | | |  | |
| 4) Human Language Technologies | | | | | |  | |
| 5) Information Filtering, Semantics, Statistics | | | | | |  | |
| 6) Visualisation, Virtual Reality | | | | | |  | |
| **1.5. Telecommunications, Networking** | | | | | |  | |
| 1) Audiovisual Equipment and Communication | | | | | |  | |
| 2) Broadband Technologies | | | | | |  | |
| 3) Mobile Communications | | | | | |  | |
| 4) Narrow Band Technologies | | | | | |  | |
| 5) Network Technology, Network Security | | | | | |  | |
| 6) Radar | | | | | |  | |
| 7) Research Networking, GRID | | | | | |  | |
| 8) SatelliteTechnology/Systems/Positioning/Communication in GPS – Global Positioning System | | | | | |  | |
| 9) Signal Processing | | | | | |  | |
| 10) Hi-Fi | | | | | |  | |
| 11) Description to Sound and Music Computing | | | | | |  | |
| 12) Description Image/Video Computing | | | | | |  | |
| 13) Communications Protocols, Interoperability | | | | | |  | |
| 14) Residential Gateaway | | | | | |  | |
| **2. INDUSTRIAL MANUFACTURING, MATERIAL AND TRANSPORT TECHNOLOGIES** | | | | | |  | |
| **2.1. Design and Modelling / Prototypes** | | | | | |  | |
| **2.2. Industrial Manufacture** | | | | | |  | |
| 1) Cleaning (sandblasting, brushing) | | | | | |  | |
| 2) Coatings | | | | | |  | |
| 3) Drying | | | | | |  | |
| 4) Erosion, Removal (spark erosion, flame cutting, laser/plasma cutting, electrochemical erosion, waterjet cutting) | | | | | |  | |
| 5) Forming (rolling, forging, pressing, drawing) | | | | | |  | |
| 6) Hardening, heat treatment | | | | | |  | |
| 7) Joining techniques (riveting, screw driving, gluing) | | | | | |  | |
| 8) Jointing (soldering, welding, sticking) | | | | | |  | |
| 9) Machine Tools | | | | | |  | |
| 10) Machining (turning, drilling, moulding, milling, planning, cutting) | | | | | |  | |
| 11) Machining, fine (grinding, lapping) | | | | | |  | |
| 12) Mixing (powder, etc.), separation (sorting, filtering) | | | | | |  | |
| 13) Moulding, injection moulding, extrusion, sintering | | | | | |  | |
| 14) Surface treatment (painting, galvano, polishing, CVD, PVD) | | | | | |  | |
| **2.3. Process control and logistics** | | | | | |  | |
| **2.4. Plant Design and Maintenance** | | | | | |  | |
| **2.5. Packaging / Handling** | | | | | |  | |
| 1) Foil, fils | | | | | |  | |
| 2) Laminate | | | | | |  | |
| 3) Packaging for machines | | | | | |  | |
| 4) Packaging for materials | | | | | |  | |
| 5) Plastic bags | | | | | |  | |
| **2.6. Construction Technology** | | | | | |  | |
| 1) Building Materials, Components and Methods | | | | | |  | |
| 2) Civil engineering | | | | | |  | |
| 3) Construction Equipment | | | | | |  | |
| 4) Fire Resistance/Safety | | | | | |  | |
| 5) Mechanical Engineering, Hydraulics, Vibration & Acoustic Engineering related to construction technology | | | | | |  | |
| 6) Pipeline Technology | | | | | |  | |
| 7) Pulp Technology related to construction technology | | | | | |  | |
| 8) Sensory/Multisensory Technology, Instrumentation related to construction technology | | | | | |  | |
| 9) Simulation, Simulation Engineering | | | | | |  | |
| 10) Sound Insulation | | | | | |  | |
| 11) Vacuum / High Vacuum Technology | | | | | |  | |
| 12) Gas Safety | | | | | |  | |
| 13) Security | | | | | |  | |
| **2.7. Materials Technology** | | | | | |  | |
| 1) Adhesives | | | | | |  | |
| 2) Building materials | | | | | |  | |
| 3) Ceramic Materials and Powders | | | | | |  | |
| 4) Colours and varnish | | | | | |  | |
| 5) Composite materials | | | | | |  | |
| 6) Fine Chemicals, Dyes and Inks | | | | | |  | |
| 7) Glass | | | | | |  | |
| 8) Iron and Steel, Steelworks | | | | | |  | |
| 9) Materials Handling Technology (solids, fluids, gases) | | | | | |  | |
| 10) Metals and Alloys | | | | | |  | |
| 11) Non-ferrous Metals | | | | | |  | |
| 12) Optical Materials | | | | | |  | |
| 13) Paper technology | | | | | |  | |
| 14) Plastics, Polymers | | | | | |  | |
| 15) Properties of Materials, Corrosion/Degradation | | | | | |  | |
| 16) Rubber | | | | | |  | |
| 17) Stone | | | | | |  | |
| 18) Advanced Textile Materials | | | | | |  | |
| **2.8. Transport Infrastructure** | | | | | |  | |
| 1) Air Transport | | | | | |  | |
| 2) Intermodal Transport | | | | | |  | |
| 3) Logistics | | | | | |  | |
| 4) Railway Transport | | | | | |  | |
| 5) Road Transport | | | | | |  | |
| 6) Traffic Engineering / Control Systems | | | | | |  | |
| 7) Transhipment Systems | | | | | |  | |
| 8) Water Transport | | | | | |  | |
| **2.9. Transport and Shipping Technologies** | | | | | |  | |
| 1) Design of Vehicles | | | | | |  | |
| 2) Hybrid and Electric Vehicles | | | | | |  | |
| 3) Railway Vehicles | | | | | |  | |
| 4) Road Vehicles | | | | | |  | |
| 5) Shipbuilding | | | | | |  | |
| 6) Traction/Propulsion Systems | | | | | |  | |
| **2.10. Aerospace Technology** | | | | | |  | |
| 1) Aeronautical technology / Avionics | | | | | |  | |
| 2) Aircraft | | | | | |  | |
| 3) Helicopter | | | | | |  | |
| 4) Satellite Navigation Systems | | | | | |  | |
| 5) Space Exploration and Technology | | | | | |  | |
| **3. OTHER INDUSTRIAL TECHNOLOGIES** | | | | | |  | |
| **3.1. Other Industrial Technologies** | | | | | |  | |
| 1) Cleaning Technology | | | | | |  | |
| **3.2. Process Plant Engineering** | | | | | |  | |
| **3.3. Apparatus Engineering** | | | | | |  | |
| **3.4. Chemical Technology and Engineering** | | | | | |  | |
| 1) Agro chemicals | | | | | |  | |
| 2) Anorganic Substances | | | | | |  | |
| 3) Colours, dyes related to Chemical Technology and engineering | | | | | |  | |
| 4) Electrical Engineering and Technology / Electrical Equipment | | | | | |  | |
| 5) Man made fibres | | | | | |  | |
| 6) Organic Substances | | | | | |  | |
| 7) Pharmaceutics | | | | | |  | |
| 8) Plastics and Rubber related to Chemical Technology and engineering | | | | | |  | |
| 9) Soaps, detergents | | | | | |  | |
| 10) Special chemicals, intermediates | | | | | |  | |
| 11) Care, Hygiene, Beauty | | | | | |  | |
| **3.5. Textiles Technology** | | | | | |  | |
| 1) Component adhesives for strengthening of seam | | | | | |  | |
| 2) Dry filling related to Textiles Technology | | | | | |  | |
| 3) Dyeing related to Textiles Technology | | | | | |  | |
| 4) Finisher related to Textiles Technology | | | | | |  | |
| 5) Non weaving related to Textiles Technology | | | | | |  | |
| 6) Solvent based glues for strengthening of edges and seam | | | | | |  | |
| 7) Thermoplastic textile fibres | | | | | |  | |
| 8) Weaving related to Textiles Technology | | | | | |  | |
| 9) Woven technical textiles for industrial applications | | | | | |  | |
| **3.6. Footwear / Leather Technology** | | | | | |  | |
| 1) Dry filling related to Footwear / Leather Technology | | | | | |  | |
| 2) Dyes related to Footwear / Leather Technology | | | | | |  | |
| 3) Tanned leather process related to Footwear / Leather Technology | | | | | |  | |
| **3.7. Sound Engineering/Technology** | | | | | |  | |
| **3.8. Mining Technologies** | | | | | |  | |
| **3.9. Printing** | | | | | |  | |
| 1) Flexography | | | | | |  | |
| 2) Printed Reel Material | | | | | |  | |
| **3.10. Household Goods & Appliances** | | | | | |  | |
| **4. ENERGY** | | | | | |  | |
| **4.1. Energy Storage and Transport** | | | | | |  | |
| 1) Heat storage | | | | | |  | |
| 2) Heat transport and supply, district heating | | | | | |  | |
| 3) Storage of electricity, batteries | | | | | |  | |
| 4) Transmission of electricity | | | | | |  | |
| 5) Transport and storage of gas and liquid fuels | | | | | |  | |
| 6) Transport and storage of hydrogen | | | | | |  | |
| **4.2. Energy production, transmission and conversion** | | | | | |  | |
| 1) Fuel cell, hydrogen production | | | | | |  | |
| 2) Fuel liquefaction, gasification | | | | | |  | |
| 3) Furnace technology, construction of heating boilers | | | | | |  | |
| 4) Generators, electric engines and power converters | | | | | |  | |
| 5) Heat exchangers | | | | | |  | |
| 6) Heat pump, cooling technologies | | | | | |  | |
| 7) Heating, ventilation | | | | | |  | |
| 8) Turbines, fluid machinery, reciprocating engines, combined heat and power | | | | | |  | |
| **4.3. Fossil Energy Sources** | | | | | |  | |
| 1) Coal and Hydrocarbons | | | | | |  | |
| 2) Gaseous fossil fuel | | | | | |  | |
| 3) Solid fossil fuel | | | | | |  | |
| 4) Liquid fossil fuel | | | | | |  | |
| **4.4. Nuclear Fission / Nuclear Fusion** | | | | | |  | |
| **4.5. Renewable Sources of Energy** | | | | | |  | |
| 1) Gaseous biomass | | | | | |  | |
| 2) Geothermal Energy | | | | | |  | |
| 3) Hydropower | | | | | |  | |
| 4) Liquid biomass | | | | | |  | |
| 5) Photovoltaics | | | | | |  | |
| 6) Solar/Thermal energy | | | | | |  | |
| 7) Solid biomass | | | | | |  | |
| 8) Unconventional and Alternative Energies | | | | | |  | |
| 9) Waste incineration | | | | | |  | |
| 10) Wind energy | | | | | |  | |
| **4.6. Rational use of energy** | | | | | |  | |
| 1) Energy management | | | | | |  | |
| 2) Lighting, illumination | | | | | |  | |
| 3) Process optimisation, waste heat utilisation | | | | | |  | |
| 4) Thermal insulation, energy efficiency in buildings | | | | | |  | |
| **4.7. Other Energy Topics** | | | | | |  | |
| 1) Combustion, Flames | | | | | |  | |
| 2) Fuel Technology | | | | | |  | |
| **5. PHYSICAL AND EXACT SCIENCES** | | | | | |  | |
| **5.1. Astronomy** | | | | | |  | |
| **5.2. Chemistry** | | | | | |  | |
| 1) Analytical Chemistry | | | | | |  | |
| 2) Computational Chemistry and Modelling | | | | | |  | |
| 3) Inorganic Chemistry | | | | | |  | |
| 4) Organic Chemistry | | | | | |  | |
| 5) Petrochemistry, Petroleum Engineering | | | | | |  | |
| **5.3. Earth Sciences** | | | | | |  | |
| 1) Geology, Geological Engineering, Geotechnics | | | | | |  | |
| 2) Oceanography | | | | | |  | |
| 3) Tectonics, Seismology | | | | | |  | |
| **5.4. Mathematics, Statistics** | | | | | |  | |
| 1) Algorithms and Complexity | | | | | |  | |
| 2) Mathematical modelling | | | | | |  | |
| 3) Statistical Analysis | | | | | |  | |
| **5.5. Meteorology / Climatology** | | | | | |  | |
| 1) Biosensor | | | | | |  | |
| 2) Moisture sensors | | | | | |  | |
| 3) Temperature monitoring | | | | | |  | |
| **5.6. Physics** | | | | | |  | |
| 1) Acoustics | | | | | |  | |
| 2) Astrophysics / Cosmology | | | | | |  | |
| 3) Laser Technology | | | | | |  | |
| 4) Nuclear Physics | | | | | |  | |
| 5) Physics of Fluids | | | | | |  | |
| 6) Sensors/Multisensor Technology, Instrumentation | | | | | |  | |
| 7) Solid state physics | | | | | |  | |
| 8) Thermodynamics | | | | | |  | |
| 9) Vibration and Acoustic engineering | | | | | |  | |
| 10) Optics | | | | | |  | |
| **5.7. Mechanical Engineering** | | | | | |  | |
| 1) Micro-Mechanics | | | | | |  | |
| **5.8. Hydraulics** | | | | | |  | |
| **5.9. Separation Technologies** | | | | | |  | |
| 1) Filtration and Membrane Processes | | | | | |  | |
| 2) Extraction | | | | | |  | |
| 3) Adsorption | | | | | |  | |
| 4) Distillation | | | | | |  | |
| 5) Sublimation | | | | | |  | |
| 6) Other Processes | | | | | |  | |
| **5.10. Micro- and Nanotechnology related to physical and exact sciences** | | | | | |  | |
| **6. BIOLOGICAL SCIENCES** | | | | | |  | |
| **6.1. Medicine, Human Health** | | | | | |  | |
| 1) Biostatistics, Epidemiology | | | | | |  | |
| 2) Care and Health Services | | | | | |  | |
| 3) Clinical Research, Trials | | | | | |  | |
| 4) Cytology, Cancerology, Oncology | | | | | |  | |
| 5) Dentistry / Odontology, Stomatology | | | | | |  | |
| 6) Diagnostics, Diagnosis | | | | | |  | |
| 7) Diseases | | | | | |  | |
| 8) Environmental Medicine, Social Medicine, Sports Medicine | | | | | |  | |
| 9) Gene - DNA Therapy | | | | | |  | |
| 10) Gerontology and Geriatrics | | | | | |  | |
| 11) Heart and blood circulation illnesses | | | | | |  | |
| 12) Electromedical and Medical Equipment | | | | | |  | |
| 13) Medical Research | | | | | |  | |
| 14) Medical Technology / Biomedical Engineering | | | | | |  | |
| 15) Neurology, Brain Research | | | | | |  | |
| 16) Pharmaceutical Products / Drugs | | | | | |  | |
| 17) Physiology | | | | | |  | |
| 18) Surgery | | | | | |  | |
| 19) Virus, Virology / Antiobiotics / Bacteriology | | | | | |  | |
| 20) Laboratory Equipment | | | | | |  | |
| 21) Rescue and Emergency Equipment | | | | | |  | |
| 22) Physiotherapy, Orthopaedic Technology | | | | | |  | |
| 23) Single Use Products and Consumer Goods | | | | | |  | |
| 24) Medical Textiles | | | | | |  | |
| 25) Medical Furniture | | | | | |  | |
| 26) Medical Biomaterials | | | | | |  | |
| **6.2. Biology / Biotechnology** | | | | | |  | |
| 1) Biochemistry / Biophysics | | | | | |  | |
| 2) Cellular and Molecular Biology | | | | | |  | |
| 3) Enzymology / Protein Engineering / Fermentation | | | | | |  | |
| 4) Genetic Engineering | | | | | |  | |
| 5) In vitro Testing, Trials | | | | | |  | |
| 6) Microbiology | | | | | |  | |
| 7) Molecular design | | | | | |  | |
| 8) Toxicology | | | | | |  | |
| **6.3. Genome Research** | | | | | |  | |
| 1) Bioinformatics | | | | | |  | |
| 2) Gene Expression, Proteom Research | | | | | |  | |
| 3) Population genetics | | | | | |  | |
| **6.4. Micro- and Nanotechnology related to Biological sciences** | | | | | |  | |
| **7. AGRICULTURE AND MARINE RESOURCES** | | | | | |  | |
| **7.1. Agriculture** | | | | | |  | |
| 1) Agriculture Machinery / Technology | | | | | |  | |
| 2) Animal Production / Husbandry | | | | | |  | |
| 3) Biocontrol | | | | | |  | |
| 4) Crop Production | | | | | |  | |
| 5) Horticulture | | | | | |  | |
| 6) Pesticides | | | | | |  | |
| 7) Precision agriculture | | | | | |  | |
| 8) Seed coating | | | | | |  | |
| 9) Veterinary Medicine | | | | | |  | |
| **7.2. Sylviculture, Forestry, Forest technology** | | | | | |  | |
| 1) Forest technology | | | | | |  | |
| 2) Paper Technology | | | | | |  | |
| 3) Pulp Technology | | | | | |  | |
| 4) Sylviculture, Forestry | | | | | |  | |
| 5) Wood Products | | | | | |  | |
| **7.3. Resources of the Sea, Fisheries** | | | | | |  | |
| 1) Aquaculture | | | | | |  | |
| 2) Fish / Fisheries / Fishing Technology | | | | | |  | |
| 3) Marine Science | | | | | |  | |
| **8. AGROFOOD INDUSTRY** | | | | | |  | |
| **8.1. Technologies for the food industry** | | | | | |  | |
| 1) Drink Technology | | | | | |  | |
| 2) Food Additives/Ingredients/Functional Food | | | | | |  | |
| 3) Food Packaging / Handling | | | | | |  | |
| 4) Food Processing | | | | | |  | |
| 5) Food Technology | | | | | |  | |
| **8.2. Food quality and safety** | | | | | |  | |
| 1) Detection and Analysis methods | | | | | |  | |
| 2) Food Microbiology / Toxicology / Quality Control | | | | | |  | |
| 3) Safe production methods | | | | | |  | |
| 4) Tracability of food | | | | | |  | |
| **8.3. Nutrition and Health** | | | | | |  | |
| **9. MEASUREMENTS AND STANDARDS** | | | | | |  | |
| **9.1. Measurement Tools** | | | | | |  | |
| 1) Acoustic Technology related to measurements | | | | | |  | |
| 2) Analyses / Test Facilities and Methods | | | | | |  | |
| 3) Chemical material testing | | | | | |  | |
| 4) Electrical Technology related to measurements | | | | | |  | |
| 5) Mechanical Technology related to measurements | | | | | |  | |
| 6) Optical material testing | | | | | |  | |
| 7) Optical Technology related to measurements | | | | | |  | |
| 8) Other Non Destructive Testing | | | | | |  | |
| 9) Sensor Technology related to measurements | | | | | |  | |
| 10) Thermal material testing | | | | | |  | |
| **9.2. Amplifier, A/D Transducer** | | | | | |  | |
| **9.3. Electronic measurement systems** | | | | | |  | |
| **9.4. Recording Devices** | | | | | |  | |
| **9.5. Reference Materials** | | | | | |  | |
| **9.6. Standards** | | | | | |  | |
| 1) Quality Standards | | | | | |  | |
| 2) Technical Standards | | | | | |  | |
| **10. PROTECTING MAN AND ENVIRONMENT** | | | | | |  | |
| **10.1. Safety** | | | | | |  | |
| 1) Acoustic safety | | | | | |  | |
| 2) Assessment of Risk | | | | | |  | |
| 3) Fire Safety Technology | | | | | |  | |
| 4) Hazardous Materials | | | | | |  | |
| 5) Radiation Protection | | | | | |  | |
| **10.2. Environment** | | | | | |  | |
| 1) Air Pollution / treatment | | | | | |  | |
| 2) Biodiversity | | | | | |  | |
| 3) Ecology | | | | | |  | |
| 4) Environmental Engineering / Technology | | | | | |  | |
| 5) Measurement and Detection of Pollution | | | | | |  | |
| 6) Natural Disasters | | | | | |  | |
| 7) Remote sensing technology | | | | | |  | |
| 8) Soil Pollution | | | | | |  | |
| 9) Water Pollution / Treatment | | | | | |  | |
| **10.3. Waste Management** | | | | | |  | |
| 1) Biotreatment / Compost / Bioconversion | | | | | |  | |
| 2) Incineration and Pyrolysis | | | | | |  | |
| 3) Land and Sea Disposal | | | | | |  | |
| 4) Recycling, Recovery | | | | | |  | |
| 5) Radioactive Waste | | | | | |  | |
| **11. SOCIAL AND ECONOMICS CONCERNS** | | | | | |  | |
| **11.1. Socio-economic development models, economic aspects** | | | | | |  | |
| **11.2. Education and Training** | | | | | |  | |
| **11.3. Information and media, society** | | | | | |  | |
| **11.4. Technology, Society and Employment** | | | | | |  | |
| **11.5. Infrastructures for social sciences and humanities** | | | | | |  | |
| **11.6. Citizens participation** | | | | | |  | |
| **11.7. Foresight tools** | | | | | |  | |
| **11.8. Sports and Leisure** | | | | | |  | |
|  | | | | | | | |
| Current Stage of Development \* | | | |  | | | |
| Intellectual Property Rights \* | | | |  | | | |
| Exploitation of RTD Results: \* | | | |  | | | |
| Comments: | | | |  | | | |
| **Organization/Company** | | | | | | | |
| Name: | | | |  | | | |
| Type: |  | | | Size: |  | | |
|  | | | |  | | | |
| **PLEASE CHOOSE ONE OR MORE MARKET AREAS IN WHICH YOUR TECHNOLOGY MIGHT BE APPLIED. \***  Only the selected fields reste. | | | | | | | |
| **1. COMMUNICATIONS** | | | | | | |  |
| **1.1. Commercial Communications** | | | | | | |  |
| 1) Radio and TV broadcasting stations | | | | | | |  |
| 2) CATV and pay TV systems | | | | | | |  |
| 3) Radio and TV broadcasting and other related equipment | | | | | | |  |
| 4) Other commercial communications | | | | | | |  |
| **1.2. Telephone Related** | | | | | | |  |
| 1) Long distance telephone services | | | | | | |  |
| 2) Telephone interconnect and other equipment | | | | | | |  |
| 3) Message forwarding, queuing & answering systems, telephone management systems & PBXs | | | | | | |  |
| 4) Other telephone related (including telephone cost accounting systems, telephone related telephone test systems and telephone answering service equipment) | | | | | | |  |
| **1.3. Facsimile Transmission** | | | | | | |  |
| **1.4. Data Communications** | | | | | | |  |
| 1) Local area networks (including voice/data PBX systems) | | | | | | |  |
| 2) Data communication components | | | | | | |  |
| 3) Communications processors/network management | | | | | | |  |
| 4) Protocol converters and emulators | | | | | | |  |
| 5) Modems and multiplexers | | | | | | |  |
| 6) Other data communication components | | | | | | |  |
| 7) Network test, monitoring and support equipment | | | | | | |  |
| 8) Other data communications | | | | | | |  |
| **1.5. Satellite Microwave Communications** | | | | | | |  |
| 1) Satellite services/carriers/operators | | | | | | |  |
| 2) Satellite ground (and others) equipment | | | | | | |  |
| 3) Microwave service facilities | | | | | | |  |
| 4) Microwave and satellite components (including antennae and amplifiers) | | | | | | |  |
| 5) Other satellite/microwave | | | | | | |  |
| **1.6. Other Communications Related** | | | | | | |  |
| 1) Defence communications | | | | | | |  |
| 2) Mobile communications, pagers and cellular radio | | | | | | |  |
| 3) Other communications (not elsewhere classified) | | | | | | |  |
| 4) Communications services | | | | | | |  |
| **2. COMPUTER RELATED** | | | | | | |  |
| **2.1. Computers** | | | | | | |  |
| 1) Mainframe and scientific computers | | | | | | |  |
| 2) Mainframes | | | | | | |  |
| 3) Scientific computers | | | | | | |  |
| 4) Mini and micro computers | | | | | | |  |
| 5) Fail safe computers | | | | | | |  |
| 6) Mini computers (small business) | | | | | | |  |
| 7) Micro computers (personal and very small) | | | | | | |  |
| 8) Other mini and micro computers | | | | | | |  |
| **2.2. Computer Graphics Related** | | | | | | |  |
| 1) CAD/CAM, CAE systems | | | | | | |  |
| 2) Graphics systems | | | | | | |  |
| 3) Graphics software | | | | | | |  |
| 4) Graphics terminals | | | | | | |  |
| 5) Graphics printers/plotters | | | | | | |  |
| 6) Other graphics peripherals | | | | | | |  |
| 7) Other computer graphics | | | | | | |  |
| **2.3. Specialised Turnkey Systems** | | | | | | |  |
| **2.4. Scanning Related** | | | | | | |  |
| 1) OCR (optical character recognition) | | | | | | |  |
| 2) OBR (optical bar recognition) | | | | | | |  |
| 3) MICR (magnetic ink character recognition) | | | | | | |  |
| 4) Other scanning related (including optical mark sensing and image processing) | | | | | | |  |
| **2.5. Peripherals** | | | | | | |  |
| 1) Terminals | | | | | | |  |
| 2) Intelligent terminals | | | | | | |  |
| 3) Portable terminals | | | | | | |  |
| 4) Other terminals | | | | | | |  |
| 5) Printers | | | | | | |  |
| 6) Data I/O devices | | | | | | |  |
| 7) Disk related memory devices | | | | | | |  |
| 8) Floppy disks and drivers | | | | | | |  |
| 9) Winchester disks and drives | | | | | | |  |
| 10) Optical disks and drives | | | | | | |  |
| 11) Other disk related | | | | | | |  |
| 12) Tape related devices | | | | | | |  |
| 13) Magnetic tapes | | | | | | |  |
| 14) Tape heads and drives | | | | | | |  |
| 15) Continuous tape backup systems | | | | | | |  |
| 16) Other tape related devices | | | | | | |  |
| 17) Other memory devices (excluding semiconductors) | | | | | | |  |
| 18) Other peripherals (not elsewhere classified) | | | | | | |  |
| **2.6. Computer Services** | | | | | | |  |
| 1) Time sharing films | | | | | | |  |
| 2) Computer leasing and rentals | | | | | | |  |
| 3) Computer training services | | | | | | |  |
| 4) Data processing, analysis and input services | | | | | | |  |
| 5) Computerised billing and accounting services | | | | | | |  |
| 6) Databases and on-line information services | | | | | | |  |
| 7) Other computer services | | | | | | |  |
| **2.7. Computer Software** | | | | | | |  |
| 1) Systems software | | | | | | |  |
| 2) Database and file management | | | | | | |  |
| 3) Operating systems and utilities | | | | | | |  |
| 4) Program development tools/languages | | | | | | |  |
| 5) Communications/networking | | | | | | |  |
| 6) Other system software | | | | | | |  |
| 7) Applications software | | | | | | |  |
| 8) Business and office | | | | | | |  |
| 9) Home | | | | | | |  |
| 10) Education | | | | | | |  |
| 11) Manufacturing/industrial | | | | | | |  |
| 12) Medical/health | | | | | | |  |
| 13) Banks/financial institutions | | | | | | |  |
| 14) Other industry specific | | | | | | |  |
| 15) Integrated software | | | | | | |  |
| 16) Artificial intelligence related software | | | | | | |  |
| 17) Expert systems | | | | | | |  |
| 18) Natural language | | | | | | |  |
| 19) Computer-aided instructions | | | | | | |  |
| 20) AI programming aids | | | | | | |  |
| 21) Other AI related | | | | | | |  |
| 22) Software services | | | | | | |  |
| 23) Programming services/systems engineering | | | | | | |  |
| 24) Consulting services | | | | | | |  |
| 25) Distribution, clearing house | | | | | | |  |
| 26) Other software services | | | | | | |  |
| 27) Other software related | | | | | | |  |
| **2.8. Other Computer Related** | | | | | | |  |
| 1) Voice synthesis | | | | | | |  |
| 2) Voice recognition | | | | | | |  |
| **3. OTHER ELECTRONICS RELATED** | | | | | | |  |
| **3.1. Electronic Components** | | | | | | |  |
| 1) Semiconductors | | | | | | |  |
| 2) Customised semiconductors | | | | | | |  |
| 3) Standart semiconductors | | | | | | |  |
| 4) Other semiconductors | | | | | | |  |
| 5) Microprocessors | | | | | | |  |
| 6) Controllers | | | | | | |  |
| 7) Circuit boards | | | | | | |  |
| 8) Display panels | | | | | | |  |
| 9) Other electronics related (including keyboards) | | | | | | |  |
| **3.2. Batteries** | | | | | | |  |
| **3.3. Power Supplies** | | | | | | |  |
| **3.4. Electronics Related Equipment** | | | | | | |  |
| 1) Semiconductor fabrication equipment and wafer products | | | | | | |  |
| 2) Components testing equipment | | | | | | |  |
| 3) Other electronics related equipment | | | | | | |  |
| **4. GENETIC ENGINEERING/MOLECULAR BIOLOGY** | | | | | | |  |
| **4.1. Recombinant DNA** | | | | | | |  |
| 1) Agricultural genetic engineering applications | | | | | | |  |
| 2) Industrial genetic engineering applications | | | | | | |  |
| 3) Medical genetic engineering applications | | | | | | |  |
| 4) Other recombinant DNA | | | | | | |  |
| **4.2. Monoclonal Antibodies and Hybridomas** | | | | | | |  |
| **4.3. Gene Splicing and Manufacturing Equipment** | | | | | | |  |
| **4.4. Other Genetic Engineering** | | | | | | |  |
| **5. MEDICAL/HEALTH RELATED** | | | | | | |  |
| 1) Diagnostic services | | | | | | |  |
| 2) Medical imaging | | | | | | |  |
| 3) X-rays | | | | | | |  |
| 4) CAT scanning | | | | | | |  |
| 5) Ultrasound imaging | | | | | | |  |
| 6) Nuclear imaging | | | | | | |  |
| 7) Other | | | | | | |  |
| 8) Diagnostic test products and equipment | | | | | | |  |
| 9) Other diagnostic | | | | | | |  |
| **5.2. Therapeutic** | | | | | | |  |
| 1) Therapeutic services | | | | | | |  |
| 2) Surgical instrumentation and equipment | | | | | | |  |
| 3) Pacemakers and artificial organs | | | | | | |  |
| 4) Drug delivery and other equipment (including kidney dialysis machines) | | | | | | |  |
| 5) Other therapeutic (including defibrillators) | | | | | | |  |
| **5.3. Other Medical/Health Related** | | | | | | |  |
| 1) Disposable products | | | | | | |  |
| 2) Pharmaceuticals/fine chemicals | | | | | | |  |
| 3) Handicap aids | | | | | | |  |
| 4) Monitoring equipment | | | | | | |  |
| 5) Hospital and other institutional management (including management services and leasing) | | | | | | |  |
| 6) Other medical/health related (not elsewhere classified) | | | | | | |  |
| **6. ENERGY** | | | | | | |  |
| **6.1. Oil and Gas Exploration and Production** | | | | | | |  |
| **6.2. Exploration Services** | | | | | | |  |
| **6.3. Drilling and Support Services** | | | | | | |  |
| **6.4. Oil and Gas Drilling, Exploration and Extraction Equipment** | | | | | | |  |
| 1) Drilling and extraction equipment | | | | | | |  |
| 2) Drilling instrumentation | | | | | | |  |
| 3) Exploration equipment instrumentation | | | | | | |  |
| 4) Other oil and gas | | | | | | |  |
| **6.5. Alternative Energy** | | | | | | |  |
| 1) Solar energy | | | | | | |  |
| 2) Photovoltaic solar | | | | | | |  |
| 3) Other solar | | | | | | |  |
| 4) Wind energy | | | | | | |  |
| 5) Geothermal energy | | | | | | |  |
| 6) Co-generation | | | | | | |  |
| 7) Other alternative energy (including nuclear energy and uranium mining) | | | | | | |  |
| **6.6. Enhanced Oil Recovery/Heavy Oil/Shale** | | | | | | |  |
| **6.7. Coal Related** | | | | | | |  |
| 1) Coal mining | | | | | | |  |
| 2) Coal related equipment | | | | | | |  |
| 3) Other coal related | | | | | | |  |
| **6.8. Energy Conservation Related** | | | | | | |  |
| **6.9. Other Energy** | | | | | | |  |
| **7. CONSUMER RELATED** | | | | | | |  |
| **7.1. Leisure and Recreational Products and Services** | | | | | | |  |
| 1) Movies, movie products and theatre operations | | | | | | |  |
| 2) Amusement and recreational facilities | | | | | | |  |
| 3) Toys and electronic games | | | | | | |  |
| 4) Sporting goods, hobby equipment and athletics clothes | | | | | | |  |
| 5) Sport facilities (gyms and clubs) | | | | | | |  |
| 6) TVs, radio, stereo equipment and consumer electronics | | | | | | |  |
| 7) Music, records, production and instruments | | | | | | |  |
| 8) Other leisure and recreational products and services | | | | | | |  |
| **7.2. Retailing** | | | | | | |  |
| 1) Drug stores | | | | | | |  |
| 2) Clothing and shoe stores | | | | | | |  |
| 3) Discount stores | | | | | | |  |
| 4) Computer stores | | | | | | |  |
| 5) Other retailing | | | | | | |  |
| **7.3. Food and Beverages** | | | | | | |  |
| 1) Wine and liquors | | | | | | |  |
| 2) Health food | | | | | | |  |
| 3) Soft drinks and bottling plants | | | | | | |  |
| 4) Food supplements/vitamins | | | | | | |  |
| 5) General food products | | | | | | |  |
| 6) Other food and beverages | | | | | | |  |
| **7.4. Consumer Products** | | | | | | |  |
| 1) Clothing, shoes and accessories (including jewellery) | | | | | | |  |
| 2) Health and beauty aids | | | | | | |  |
| 3) Home furnishing and housewares | | | | | | |  |
| 4) Housewares | | | | | | |  |
| 5) Furnishing and Furniture | | | | | | |  |
| 6) Garden and horticultural products | | | | | | |  |
| 7) Other | | | | | | |  |
| 8) Automobile parts | | | | | | |  |
| 9) Mobile homes | | | | | | |  |
| 10) Other consumer products | | | | | | |  |
| **7.5. Consumer Services** | | | | | | |  |
| 1) Fast food restaurants | | | | | | |  |
| 2) Other restaurants | | | | | | |  |
| 3) Hotels and resorts | | | | | | |  |
| 4) Auto repair shops | | | | | | |  |
| 5) Education and educational products and materials | | | | | | |  |
| 6) Travel agencies and services | | | | | | |  |
| 7) Other consumer services (including photo processing) | | | | | | |  |
| **7.6. Other Consumer Related (not elsewhere classified)** | | | | | | |  |
| **8. INDUSTRIAL PRODUCTS** | | | | | | |  |
| **8.1. Chemicals and Materials** | | | | | | |  |
| 1) Plastic fabricators | | | | | | |  |
| 2) Homogeneous injections/extrusions | | | | | | |  |
| 3) Non-homogeneous injections/extrusions | | | | | | |  |
| 4) Fibre-reinforced (plastic) composites | | | | | | |  |
| 5) Other fabricated plastics | | | | | | |  |
| 6) Processes for working with plastics | | | | | | |  |
| 7) Coatings and adhesives manufactures | | | | | | |  |
| 8) Membranes and membrane-based products | | | | | | |  |
| 9) Speciality/performance materials: producers and fabricators | | | | | | |  |
| 10) Semiconductor materials (eg silicon wafers) | | | | | | |  |
| 11) III/V semiconductor materials (eg gallium arsenide) | | | | | | |  |
| 12) Speciality metals (including processes for working with metals) | | | | | | |  |
| 13) Ceramics | | | | | | |  |
| 14) Lubricants and functional fluids | | | | | | |  |
| 15) Other speciality materials | | | | | | |  |
| 16) Commodity chemicals and polymers | | | | | | |  |
| 17) Industrial chemicals | | | | | | |  |
| 18) Polymer (plastics) materials | | | | | | |  |
| 19) Speciality/performance chemicals | | | | | | |  |
| 20) Electronic chemicals | | | | | | |  |
| 21) Other speciality chemicals | | | | | | |  |
| 22) Agricultural chemicals | | | | | | |  |
| 23) Other chemicals and materials (not elsewhere classified) | | | | | | |  |
| **8.2. Industrial Automation** | | | | | | |  |
| 1) Energy management | | | | | | |  |
| 2) Industrial measurement and sensing equipment | | | | | | |  |
| 3) Process control equipment and systems | | | | | | |  |
| 4) Robotics | | | | | | |  |
| 5) Machine vision software and systems | | | | | | |  |
| 6) Numeric and computerised control of machine tools | | | | | | |  |
| 7) Other industrial automation | | | | | | |  |
| **8.3. Industrial Equipment and Machinery** | | | | | | |  |
| 1) Machine tools, other metal working equipment (excluding numeric control) | | | | | | |  |
| 2) Hoists, cranes and conveyors | | | | | | |  |
| 3) Mining machinery | | | | | | |  |
| 4) Industrial trucks and tractors | | | | | | |  |
| 5) Other industrial process machinery for textile, paper and other industries | | | | | | |  |
| 6) Power transmission equipment (including generators and motors) | | | | | | |  |
| 7) Other industrial equipment and machinery | | | | | | |  |
| **8.4. Pollution and Recycling Related** | | | | | | |  |
| 1) Air filters and air purification and monitoring equipment | | | | | | |  |
| 2) Chemical and solid material recycling | | | | | | |  |
| 3) Water treatment equipment and waste disposal systems | | | | | | |  |
| 4) Other pollution and recycling related | | | | | | |  |
| **8.5. Other Industrial Products (not elsewhere classified)** | | | | | | |  |
| **8.6. Industrial Services** | | | | | | |  |
| **9. OTHER** | | | | | | |  |
| **9.1. Transportation** | | | | | | |  |
| 1) Airlines | | | | | | |  |
| 2) Trucking | | | | | | |  |
| 3) Leasing of railcars, buses, cars, etc. | | | | | | |  |
| 4) Mail and package shipment | | | | | | |  |
| 5) Motor vehicles, transportation equipment and parts | | | | | | |  |
| 6) Airfield and other transportation services | | | | | | |  |
| 7) Other transportation | | | | | | |  |
| **9.2. Finance, Insurance and Real Estate** | | | | | | |  |
| **9.3. Services** | | | | | | |  |
| 1) Engineering services | | | | | | |  |
| 2) Advertising and public relations | | | | | | |  |
| 3) Distributors, importes and wholesalers | | | | | | |  |
| 4) Consulting services | | | | | | |  |
| 5) Media related services | | | | | | |  |
| 6) Other services (not elsewhere classified) | | | | | | |  |
| **9.4. Manufacturing** | | | | | | |  |
| 1) Business products and supplies | | | | | | |  |
| 2) Office furniture and other professional furnishings | | | | | | |  |
| 3) Textiles (synthetic and natural) | | | | | | |  |
| 4) Books, cards and other publishing | | | | | | |  |
| 5) Packing products and systems | | | | | | |  |
| 6) Printing and binding | | | | | | |  |
| 7) Other manufacturing (not elsewhere classified) | | | | | | |  |
| **9.5. Agriculture, Forestry, Fishing, Animal Husbandry and Related Products** | | | | | | |  |
| **9.6. Mining (non-energy related)** | | | | | | |  |
| **9.7. Construction and Building Products** | | | | | | |  |
| 1) Construction | | | | | | |  |
| 2) Manufacture of building materials | | | | | | |  |
| 3) Manufacture of pre-fabricated buildings and systems | | | | | | |  |
| 4) Distribution of building products and systems | | | | | | |  |
| 5) Construction services | | | | | | |  |
| 6) Other construction and building products related | | | | | | |  |
| **9.8. Utilities and Related Firms** | | | | | | |  |
| 1) Electric companies | | | | | | |  |
| 2) Water, sewerage, chemical and solid waste treatment plants | | | | | | |  |
| 3) Gas transmission and distribution | | | | | | |  |
| 4) Other utilities and related firms | | | | | | |  |
| **9.9. Other (uncategorised)** | | | | | | |  |
| 1) Conglomerates and holding companies | | | | | | |  |
| **Market Application Comment**  (less than 250 characters) | |  | | | | | |
| Type of collaboration: \*  (*tick more than one if necessary)* | | License agreement | | | | |  |
|  | | Technical Co-operation | | | | |  |
|  | | Joint venture agreement | | | | |  |
|  | | Manufacturing agreement (Subcontracting & Co-contracting) | | | | |  |
|  | | Commercial Agreement with Technical Assistance | | | | |  |
|  | | Other : Financial resources | | | | |  |
| Comments: \*  - Type of partner sought | |  | | | | | |
| - Specific area of activity | |  | | | | | |
| - Task to be performed | |  | | | | | |
|  | | | | | | | |
| Web link to present innovative product: | | | |  | | | |
| Preferred Countries (for information): | | | |  | | | |
| Contact | | | |  | | | |