

86900	Major group	OTHER COMPUTER RELATED ACTIVITIES
87000	Division	RESEARCH AND DEVELOPMENT
87100	Major group	RESEARCH AND EXPERIMENTAL DEVELOPMENT ON NATURAL SCIENCES AND ENGINEERING
87110	Group	General research, e.g. CSIR
87120	Group	Agricultural and livestock research
87130	Group	Medical and veterinary research, e.g. SA Medical Research Council
87140	Group	Industrial research, e.g. fuel research
87190	Group	Other research n.e.c.
87200	Major group	RESEARCH AND EXPERIMENTAL DEVELOPMENT ON SOCIAL SCIENCES AND HUMANITIES
88000	Division	OTHER BUSINESS ACTIVITIES
88100	Major group	LEGAL, ACCOUNTING, BOOKKEEPING AND AUDITING ACTIVITIES; TAX CONSULTANCY; MARKET RESEARCH AND PUBLIC-OPINION RESEARCH; BUSINESS AND MANAGEMENT CONSULTANCY
88110	Group	Legal activities
88111	Subgroup	Activities of attorneys, notaries and conveyancers
88112	Subgroup	Activities of advocates
88120	Group	Accounting, bookkeeping and auditing activities; tax consultancy
88121	Subgroup	Activities of accountants and auditors registered in terms of the Public Accountants and Auditors Act
88122	Subgroup	Activities of cost and management accountants
88123	Subgroup	Bookkeeping activities, including relevant data processing and tabulating activities
88130	Group	Market research and public opinion polling
88140	Group	Business and management consultancy activities
88200	Major group	ARCHITECTURAL, ENGINEERING AND OTHER TECHNICAL ACTIVITIES
88210	Group	Architectural and engineering activities and related technical consultancy
88211	Subgroup	Consulting engineering activities
88212	Subgroup	Architectural activities
88213	Subgroup	Activities of quantity surveyors
88214	Subgroup	Activities of land surveyors
88215	Subgroup	Geological and prospecting activities on a fee or contract basis
88216	Subgroup	Activities of non-registered architects, e.g. tracers and draughts-men of plans for dwellings
88220	Group	Technical testing and analysis
88220	Subgroup	Other activities - engineering and other commercial research, developing and testing - e.g. SABS
88300	Major group	ADVERTISING
88311	Subgroup	Activities of advertising agents
88312	Subgroup	Signwriting and industrial and commercial artistry
88319	Subgroup	Other activities - window-dressing, etc.
88900	Major group	BUSINESS ACTIVITIES N.E.C.
88910	Group	Labour recruitment and provision of staff
88911	Subgroup	Activities of employment agencies and recruiting organisations
88912	Subgroup	Hiring out of workers (labour-broking activities)
88920	Group	Investigation and security activities
88930	Group	Building and industrial plant cleaning activities
88940	Group	Photographic activities
88950	Group	Packaging activities
88990	Group	Other business activities n.e.c.
88991	Subgroup	Credit rating agency activities
88992	Subgroup	Debt collecting agency activities
88993	Subgroup	Stenographic, duplicating, addressing, mailing list and similar activities
88999	Subgroup	Other business activities n.e.c.
91000	Division	PUBLIC ADMINISTRATION AND DEFENCE ACTIVITIES
91100	Major group	CENTRAL GOVERNMENT ACTIVITIES
91101	Subgroup	Government departments
91102	Subgroup	Provincial administrations
91103	Subgroup	Self-governing territories and their lower authorities
91109	Subgroup	Other Central Government activities

91200	Major group	REGIONAL SERVICES COUNCIL ACTIVITIES
91300	Major group	LOCAL AUTHORITY ACTIVITIES
92000	Division	EDUCATION
92000	Major group	EDUCATIONAL SERVICES
92001	Subgroup	Pre-primary education and activities of after-school centres
92002	Subgroup	Primary and secondary education
92003	Subgroup	Special education and training of mentally retarded children
92004	Subgroup	Education by technical colleges and technical institutions
92005	Subgroup	Education by technikons
92006	Subgroup	Education by teachers' training colleges of education for further training
92007	Subgroup	Education by universities
92008	Subgroup	Education by correspondence and private vocational colleges
92009	Subgroup	Other educational services - own account teachers, motor vehicle driving schools/tutors and music, dancing and other art schools, etc.
93000	Division	HEALTH AND SOCIAL WORK
93100	Major group	HUMAN HEALTH ACTIVITIES
93110	Group	Hospital activities
93111	Subgroup	General hospitals
93112	Subgroup	Maternity homes
93113	Subgroup	Tuberculosis hospitals
93114	Subgroup	Psychiatric hospitals
93115	Subgroup	Detached operation theatres
93119	Subgroup	Other hospitals, n.e.c.
93120	Group	Medical and dental practice activities
93121	Subgroup	Medical practitioner and specialist activities
93122	Subgroup	Dentist and specialist dentist activities
93190	Group	Other human health activities
93191	Subgroup	Supplementary health services or paramedical staff (practitioners)
93192	Subgroup	Clinics and related health care services
93193	Subgroup	Nursing services
93194	Subgroup	Chiropractors and other associated health care services
93199	Subgroup	Other health services
93200	Major group	VETERINARY ACTIVITIES
93300	Major group	SOCIAL WORK ACTIVITIES
94000	Division	OTHER COMMUNITY, SOCIAL AND PERSONAL SERVICE ACTIVITIES
94000	Major group	SEWAGE AND REFUSE DISPOSAL, SANITATION AND SIMILAR ACTIVITIES
95000	Division	ACTIVITIES OF MEMBERSHIP ORGANISATIONS N.E.C.
95100	Major group	ACTIVITIES OF BUSINESS, EMPLOYERS AND PROFESSIONAL ORGANISATIONS
95110	Group	Activities of business and employers' organisations
95120	Group	Activities of professional organisations
95200	Major group	ACTIVITIES OF TRADE UNIONS
95900	Major group	ACTIVITIES OF OTHER MEMBERSHIP ORGANISATIONS
95910	Group	Activities of religious organisations
95920	Group	Activities of political organisations
95990	Group	Activities of other membership organisations n.e.c.
96000	Division	RECREATIONAL, CULTURAL AND SPORTING ACTIVITIES
96100	Major group	MOTION PICTURE, RADIO, TELEVISION AND OTHER ENTERTAINMENT ACTIVITIES
96110	Group	Motion picture and video production and distribution
96111	Subgroup	Motion picture and video production and distribution
96112	Subgroup	Related activities - film and tape renting to other industries, booking, delivery and storage
96120	Group	Motion picture projection
96121	Subgroup	Motion picture projection by cinemas
96122	Subgroup	Motion picture projection by drive-in cinemas
96130	Group	Radio and television activities
96140	Group	Dramatic arts, music and other arts activities
96190	Group	Other entertainment activities n.e.c.
96200	Major group	NEWS AGENCY ACTIVITIES
96300	Major group	LIBRARY, ARCHIVES, MUSEUMS AND OTHER CULTURAL ACTIVITIES

96310	Group	Library and archives activities
96320	Group	Museum activities and preservation of historical sites and buildings
96330	Group	Botanical and zoological gardens and nature reserve activities
96400	Major group	SPORTING AND OTHER RECREATIONAL ACTIVITIES
96410	Group	Sporting activities
96490	Group	Other recreational activities
99000	Division	OTHER SERVICE ACTIVITIES
99000	Major group	OTHER SERVICE ACTIVITIES
99010	Group	Washing and (dry-) cleaning of textiles and fur products
99020	Group	Hairdressing and other beauty treatment
99021	Subgroup	Men's hairdressing
99022	Subgroup	Ladies' hairdressing
99023	Subgroup	Men's and ladies' hairdressing
99024	Subgroup	Beauty treatment
99030	Group	Funeral and related activities
99090	Group	Other service activities n.e.c.

APPENDIX B: RESEARCH FIELD (RF) CLASSIFICATIONS

Please choose the RF classification which most appropriately describes the scientific discipline or field of research you are practising.

DIVISION 1	NATURAL SCIENCES, TECHNOLOGY AND ENGINEERING	
CATEGORY	GROUP	
<i>Mathematical Sciences</i>	RF10101 RF10102 RF10103 RF10199	Pure mathematics Applied mathematics Statistics Other mathematical sciences not classified elsewhere
<i>Physical Sciences</i>	RF10201 RF10202 RF10203 RF10204 RF10205 RF10299	Astronomical sciences Theoretical and condensed matter physics Atomic, molecular, nuclear, particle and plasma physics Acoustic and optical physics Solid State physics Other physical sciences not classified elsewhere
<i>Chemical Sciences</i>	RF10301 RF10302 RF10303 RF10304 RF10305 RF10399	Physical chemistry (including theoretical and structural) Inorganic chemistry Organic chemistry Analytical chemistry Speciality Chemicals Other chemical sciences not classified elsewhere
<i>Earth Sciences</i>	RF10401 RF10402 RF10403 RF10404 RF10405 RF10406 RF10499	Geology Geophysics Geochemistry Oceanography Hydrology Atmospheric sciences Other earth sciences not classified elsewhere
<i>Information, Computer & Communication Technologies</i>	RF10501 RF10502 RF10503 RF10504 RF10505 RF10506 RF10599	Information systems Hardware Software Current information technology Communication Security system Other information, computer & communication technologies not elsewhere classified
<i>Applied Sciences and Technologies</i>	RF10601 RF10602 RF10603 RF10604 RF10605 RF10606 RF10607 RF10608 RF10699	Aerospace technologies and engineering Manufacturing and process technologies and engineering Nuclear technology Educational technology Resource-based industry Energy Industry Industrial design Water technology Other applied sciences and technologies not elsewhere classified
<i>Engineering Sciences</i>	RF10701 RF10702 RF10703 RF10704 RF10705 RF10706 RF10707 RF10708 RF10709	Mechanical and industrial engineering Chemical engineering Mining and mineral processing Civil engineering Electrical and electronic engineering Agriculture Engineering Food Engineering Environmental Engineering Nuclear engineering and radiation technology

	RF10710 RF10711 RF10799	Mechanisation and design engineering Maritime Technology Other engineering sciences not elsewhere classified
Biological Sciences	RF10801 RF10802 RF10803 RF10804 RF10805 RF10806 RF10807 RF10808 RF10899	Biochemistry Genetics and molecular biology Microbiology Botany Zoology Ecology Genetic engineering Biotechnology Other biological sciences not elsewhere classified
Agricultural Sciences	RF10901 RF10902 RF10903 RF10904 RF10905 RF10906 RF10907 RF10908 RF10909 RF10910 RF10999	Soil and water sciences Crop and pasture production (including rice) Horticulture (including plantation and fruit crops) Animal production Veterinary sciences Forestry sciences Fisheries sciences Food and nutrition development Aquaculture Plant physiology Other agricultural sciences not elsewhere classified
Medical and Health Sciences	RF11001 RF11002 RF11003 RF11004 RF11005 RF11006 RF11007 RF11008 RF11009 RF11010 RF11011 RF11012 RF11099	Immunology Medical biochemistry and clinical chemistry Medical microbiology Pharmacology Physiology Neurosciences Clinical sciences Public health, environmental & occupational health & safety research Nutrition (public health research) Health services research (including bioethics) Health care system, industries and technologies. Pharmaceutical industry Other medical and health services not elsewhere classified
Environmental Sciences	RF11101 RF11102 RF11103 RF11104 RF11199	Environmental studies Environment technology/industry Environmental issues and assessment Environmental management and bioremediation Other environmental science not elsewhere classified
Material Sciences	RF11201 RF11202 RF11203 RF11204 RF11299	Electronic materials Functional materials Polymeric materials New materials and technologies Other material science not elsewhere classified
Marine Sciences	RF11301 RF11302 RF11303 RF11304 RF11399	Marine biology Algae biotechnology Fishing technology Marine chemistry Other marine sciences not elsewhere classified

DIVISION 2	SOCIAL SCIENCES AND HUMANITIES	
CATEGORY	GROUP	
<i>Social Sciences</i>	RF20101 RF20102 RF20103 RF20104 RF20105 RF20106 RF20107 RF20108 RF20109 RF20110 RF20111 RF20112 RF20113 RF20114 RF20115 RF20116 RF20117 RF20118 RF20119 RF20199	Accounting Economics Management studies Political sciences and public policy Architecture and habitat Sociology Archaeology and history Geography Population studies Law Psychology Education Media and communications studies Finance Anthropology Transportation studies Emerging issues Technology management Tourism Other social sciences not elsewhere classified
<i>Humanities</i>	RF20201 RF20202 RF20203 RF20204 RF20205 RF20206 RF20207 RF20299	Languages and literature Historical and civilisation studies Philosophy Arts and culture Religious studies Dances Music Other humanities not elsewhere classified

APPENDIX C: SOCIO-ECONOMIC OBJECTIVE (SEO) CLASSIFICATIONS

Please choose the SEO classification that most appropriately describes the sector of the national economy that will be the main beneficiary of your R&D.

DIVISION 1	DEFENCE	
CATEGORY	GROUP	
<i>Defence</i>	S10101	Defence
	S10102	Defence Equipment
	S10199	Other defence not elsewhere classified

DIVISION 2	ECONOMIC DEVELOPMENT	
CATEGORY	GROUP	
<i>Plant Production And Plant Primary Products</i>	S20101	Field crops
	S20102	Plantation crops
	S20103	Horticultural crops
	S20104	Forestry
	S20105	Primary products from plants
	S20106	By-product utilisation
	S20199	Other plant production and plant primary products not elsewhere classified.
<i>Animal Production and Animal Primary Products</i>	S20201	Livestock
	S20202	Pasture, browse and fodder crops
	S20203	Fisheries products
	S20204	Primary & by-products from animals
	S20299	Other animal production and animal primary products not elsewhere classified
<i>Mineral resources (excluding energy)</i>	S20301	Exploration
	S20302	Primary mining and extraction processes
	S20304	First stage treatment of ores and minerals
	S20399	Other mineral resources (excluding energy) not elsewhere classified
<i>Energy resources</i>	S20401	Exploration
	S20402	Mining and extraction
	S20403	Preparation and supply of energy source materials
	S20404	Non-conventional energy resources
	S20405	Nuclear Energy
	S20499	Other energy resources not elsewhere classified
<i>Energy supply</i>	S20501	Energy transformation
	S20502	Renewable energy
	S20503	Energy distribution
	S20504	Conservation and efficiency
	S20505	Energy Issues
	S20599	Other energy supply not elsewhere classified

Manufacturing	S20601	Processed food products and beverages
	S20602	Fibre processing and textiles, footwear and leather products
	S20603	Wood, wood products and paper
	S20604	Human pharmaceutical products
	S20605	Veterinary pharmaceutical products
	S20606	Agricultural chemicals
	S20607	Industrial chemicals and related products
	S20608	Basic metal products (including smelting)
	S20609	Industrial mineral products
	S20610	Fabricated metal products
	S20611	Transport equipment
	S20612	Computer hardware and electronic equipment
	S20613	Communication equipment
	S20614	Instrumentation
	S20615	Machinery and equipment
	S20616	Latex product industry
	S20617	Established manufacturing practices supporting technologies
	S20618	Materials performance and processes/ analysis
	S20619	Milling and process materials
	S20620	Synthesis and design of fine and speciality chemicals
	S20699	Other manufactured products not elsewhere classified
Construction	S20701	Planning
	S20702	Design
	S20703	Construction processes
	S20704	Building management and services
	S20799	Other construction not elsewhere classified
Transport	S20801	Ground transport
	S20802	Water transport
	S20803	Air & space transport
	S20899	Other transport not elsewhere classified
Information and Communication Services	S20901	Computer software and services
	S20902	Information services (including library)
	S20903	Communication services
	S20999	Other Information and communication services not elsewhere classified
Commercial Services	S21001	Electricity, gas and water services and utilities
	S21002	Waste management and recycling
	S21003	Wholesale and retail trade
	S21004	Finance, property and business services
	S21005	Tourism
	S21099	Other commercial services not elsewhere classified
Economic Framework	S21101	Macroeconomics issue
	S21102	Microeconomics issues
	S21103	International trade issues
	S21104	Management and productivity issues
	S21105	Measurement standards and calibration services
	S21106	Commercialisation
	S21107	Socio-economic development
	S21108	Economic development and environment
	S21109	Human resource management
	S21199	Other economic issues not elsewhere classified
Natural Resources	S21201	Soil resources
	S21202	Water resources
	S21203	Biodiversity
	S21204	Bioactive product
	S21205	Industrial raw materials
	S21006	Mineral resource
	S21299	Other natural resources not elsewhere classified

DIVISION 3	SOCIETY	
CATEGORY	GROUP	
<i>Health</i>	S30101 S30102 S30103 S30199	Clinical (organs, diseases and conditions) Public health Health and support services Other health not elsewhere classified
<i>Education and Training</i>	S30201 S30202 S30203 S30204 S30205 S30206 S30207 S30208 S30209 S30299	Early childhood and primary education Secondary education Tertiary education Technical and further education Special education Computer base teaching and learning Education policy Teaching Educational administration Other education and training not elsewhere classified
<i>Social Development and Community Services</i>	S30301 S30302 S30303 S30304 S30305 S30306 S30307 S30399	Community services Public services Art, sport and recreation International relations Ethical issues Nation building Urban issues Other social development and community services not elsewhere classified

DIVISION 4	ENVIRONMENT	
CATEGORY	GROUP	
<i>Environmental Knowledge</i>	S40101 S40102 S40103 S40104 S40105 S40106 S40107 S40199	Climate and atmosphere Ocean Water Land Nature conservation Social environment River Other environmental knowledge not elsewhere classified
<i>Environmental Aspects of Development</i>	S40201 S40202 S40203 S40204 S40205 S40206 S40207 S40208 S40209 S40210 S40211 S40299	Plant production and plant primary products (including forestry) Animal production and animal primary products (including fishing) Mineral resources (excluding energy) Energy resources Energy supply Manufacturing Construction Transport Information and communication services Commercial services Environmental economic framework Other environment aspect of development not elsewhere classified
<i>Environmental Management & Other Aspects</i>	S40301 S40302 S40399	Environmental management Waste management and recycling Other environmental aspects not elsewhere classified

DIVISION 5	ADVANCEMENT OF KNOWLEDGE	
CATEGORY	GROUP	
<i>Natural Sciences, Technologies and Engineering</i>	S50101	Mathematical sciences
	S50102	Physical sciences
	S50103	Chemical sciences
	S50104	Earth sciences
	S50105	Information, computer and communication technologies
	S50106	Applied sciences and technologies
	S50107	Engineering sciences
	S50108	Biological sciences
	S50109	Agricultural sciences
	S50110	Medical and health sciences
	S50111	Multimedia
	S50199	Other natural science, technologies and engineering not elsewhere classified
<i>Social Sciences and Humanities</i>	S50201	Social sciences
	S50202	Humanities
	S50203	Cyberlaw
	S50299	Other social sciences and humanities not elsewhere classified