

Codes

(RF and SEO Codes)

Government, Science Councils, Non-Profit Organisations and Higher Education

Acknowledgement:

Codes have been compiled with reference to the Organisation for Economic Co-operation and Development (OECD) Frascati Manual.

Appendix A: Research Field (RF) Classifications



Instruction

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 RF10104 RF10105 RF10199	Pure mathematics Applied mathematics Statistics Biometrics Operations research Other mathematical sciences not classified elsewhere
<i>Physical sciences</i>	RF10201 RF10202 RF10203 RF10204 RF10205 RF10206 RF10299	Astronomical sciences Theoretical and condensed matter physics Atomic, molecular, nuclear, particle and plasma physics Acoustic and optical physics Solid state physics Biophysics Other physical sciences not classified elsewhere
<i>Chemical sciences</i>	RF10301 RF10302 RF10303 RF10304 RF10305 RF10399	Physical chemistry (including theoretical and structural) Inorganic chemistry, nuclear chemistry Organic chemistry Analytical chemistry Speciality chemicals Other chemical sciences not classified elsewhere
<i>Earth sciences</i>	RF10401 RF10402 RF10403 RF10404 RF10405 RF10406 RF10407 RF10408 RF10409 RF10410 RF10499	Geology Geophysics Geochemistry Oceanography Hydrology, water resources Atmospheric sciences Palaeontology Physical geography Climatic research Space and earth science Other earth sciences not classified elsewhere
<i>Information, computer and communication technologies</i>	RF10501 RF10502 RF10503 RF10504 RF10505 RF10506 RF10507 RF10599	Information systems Hardware Software Current information technology Communication Security system Artificial intelligence Other information, computer and communication technologies not elsewhere classified

Applied sciences and technologies	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
Engineering sciences	RF10701 RF10702 RF10703 RF10704 RF10705 RF10706 RF10707 RF10708 RF10709 RF10710 RF10711 RF10712 RF10713 RF10714 RF10715 RF10716 RF10717 RF10799	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 Mechanisation and design engineering Maritime Technology Environmental biotechnology Industrial biotechnology Medical engineering Nano-technology Quantity surveying Construction industry and building Other engineering sciences not elsewhere classified
Biological sciences	RF10801 RF10802 RF10803 RF10804 RF10805 RF10806 RF10807 RF10808 RF10809 RF10899	Biochemistry Genetics and molecular biology Microbiology Botany Zoology Ecology Genetic engineering Biotechnology Bioinformatics Other biological sciences not elsewhere classified
Agricultural sciences	RF10901 RF10902 RF10903 RF10904 RF10905 RF10906 RF10907 RF10908 RF10909 RF10910 RF10911 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 Agricultural biotechnology Other agricultural sciences not elsewhere classified

<i>Medical and health sciences</i>	RF11001 RF11002 RF11003 RF11004 RF11005 RF11006 RF11007 RF11008 RF11009 RF11010 RF11011 RF11012 RF11013 RF11014 RF11099	Immunology Medical biochemistry and clinical chemistry Medical microbiology Pharmacology Physiology Neurosciences Clinical sciences Public health, environmental, and occupational health and safety research Nutrition (public health research) Health services research (including bioethics) Health care system, industries and technologies Pharmaceutical industry Medical biotechnology Infectious disease Other medical and health services not elsewhere classified
<i>Environmental sciences</i>	RF11101 RF11102 RF11103 RF11104 RF11199	Environmental studies Environment technology/industry Environmental issues and assessment Environmental management and bioremediation Other environmental science not elsewhere classified
<i>Material sciences</i>	RF11201 RF11202 RF11203 RF11204 RF11299	Electronic materials Functional materials Polymeric materials New materials and technologies Other material science not elsewhere classified
<i>Marine sciences</i>	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	Accounting
	RF20102	Economics
	RF20103	Management studies
	RF20104	Political sciences and public policy
	RF20105	Architecture and habitat
	RF20106	Sociology
	RF20107	Archaeology and history
	RF20108	Geography
	RF20109	Population studies
	RF20110	Law
	RF20111	Psychology
	RF20112	Education
	RF20113	Media and communications studies
	RF20114	Finance
	RF20115	Anthropology
	RF20116	Transportation studies
	RF20117	Emerging issues
	RF20118	Technology management
	RF20119	Tourism
RF20199	Other social sciences not elsewhere classified	
<i>Humanities</i>	RF20201	Languages and literature
	RF20202	Historical and civilisation studies
	RF20203	Philosophy
	RF20204	Arts and culture
	RF20205	Religious studies
	RF20206	Dances
	RF20207	Music
	RF20299	Other humanities not elsewhere classified

Appendix B: Socio-Economic Objective (SEO) Classifications



Instruction

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 and 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

Energy supply	S20501 S20502 S20503 S20504 S20505 S20599	Energy transformation Renewable energy Energy distribution Conservation and efficiency Energy Issues Other energy supply not elsewhere classified
Manufacturing	S20601 S20602 S20603 S20604 S20605 S20606 S20607 S20608 S20609 S20610 S20611 S20612 S20613 S20614 S20615 S20616 S20617 S20618 S20619 S20620 S20699	Processed food products and beverages Fibre processing and textiles, footwear and leather products Wood, wood products and paper Human pharmaceutical products Veterinary pharmaceutical products Agricultural chemicals Industrial chemicals and related products Basic metal products (including smelting) Industrial mineral products Fabricated metal products Transport equipment Computer hardware and electronic equipment Communication equipment Instrumentation Machinery and equipment Latex product industry Established manufacturing practices supporting technologies Materials performance and processes/analysis Milling and process materials Synthesis and design of fine and speciality chemicals Other manufactured products not elsewhere classified
Construction	S20701 S20702 S20703 S20704 S20799	Planning Design Construction processes Building management and services Other construction not elsewhere classified
Transport	S20801 S20802 S20803 S20899	Ground transport Water transport Air and space transport Other transport not elsewhere classified
Information and communication services	S20901 S20902 S20903 S20999	Computer software and services Information services (including library) Communication services Other information and communication services not elsewhere classified

Commercial services	S21001 S21002 S21003 S21004 S21005 S21099	Electricity, gas and water services and utilities Waste management and recycling Wholesale and retail trade Finance, property and business services Tourism Other commercial services not elsewhere classified
Economic framework	S21101 S21102 S21103 S21104 S21105 S21106 S21107 S21108 S21109 S21199	Macroeconomics issue Microeconomics issues International trade issues Management and productivity issues Measurement standards and calibration services Commercialisation Socio-economic development Economic development and environment Human resource management Other economic issues not elsewhere classified
Natural resources	S21201 S21202 S21203 S21204 S21205 S21006 S21299	Soil resources Water resources Biodiversity Bioactive product Industrial raw materials Mineral resource Other natural resources not elsewhere classified

DIVISION 3	SOCIETY	
CATEGORY	GROUP	
Health	S30101 S30102 S30103 S30199	Clinical (organs, diseases and conditions) Public health Health and support services Other health not elsewhere classified
Education and training	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
Social development and community services	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 and 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 S50102 S50103 S50104 S50105 S50106 S50107 S50108 S50109 S50110 S50111 S50199	Mathematical sciences Physical sciences Chemical sciences Earth sciences Information, computer and communication technologies Applied sciences and technologies Engineering sciences Biological sciences Agricultural sciences Medical and health sciences Multimedia Other natural science, technologies and engineering not elsewhere classified
<i>Social sciences and humanities</i>	S50201 S50202 S50203 S50299	Social sciences Humanities Cyberlaw Other social sciences and humanities not elsewhere classified



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