



Appendix IV R&D 2021 in Business Enterprises

Research and Development Objectives

1 Health

This objective includes R&D related to:

- Protecting, promoting and restoring human health - broadly interpreted to include health aspects of nutrition and food hygiene. It ranges from preventive medicine, including all aspects of medical and surgical treatment, both for individuals and groups, and the provision of hospital and home care, to social medicine and paediatric and geriatric research.

This objective also includes R&D related to:

- Prevention, surveillance and control of communicable and non-communicable diseases;
- Monitoring the health situation;
- Health promotion;
- Occupational health;
- Public health legislation and regulations;
- Public health management;
- Specific public health services;
- Personal health care for vulnerable and high risk populations.

2 Agriculture

This objective includes R&D related to:

- The promotion of agriculture, forestry, fisheries and foodstuff production;
- Chemical fertilizers, biocides, biological pest control and the mechanization of agriculture;
- The impact of agricultural forestry activities on the environment;
- The field of developing food productivity and technology.

This objective also includes R&D related to:

- Agriculture, forestry, and fishery;
- Animal and dairy science;
- Veterinary science and other agricultural sciences.

This objective does not include R&D related to:

- Reduction of pollution (objective 3: environment);
- Development of rural areas, construction and planning of buildings, improvement of rural rest and recreation amenities and agricultural water supply (other objectives);
- Energy measures (objective 4: energy);
- Food industry (objective 5: industrial production and technology).

3 Environment

This objective includes R&D related to:

- Control of pollution, aimed at identification and analysis of the sources of pollution and their causes, and all pollutants, including their dispersal in the environment and the effects on man, species (fauna, flora, microorganisms) and biosphere;
- Development of monitoring facilities for the measurement of all kinds of pollution;
- Elimination and prevention of all forms of pollution in all types of environment;
- Protection of atmosphere and climate;
- Protection of ambient air;
- Solid waste;
- Protection of ambient water;
- Protection of soil and groundwater;
- Noise and vibration;
- Protection of species and habitats;
- Protection against natural hazards;
- Radioactive pollution.

4 Energy

This objective includes R&D related to:

- Production, storage, transportation, distribution and rational use of all forms of energy;
- Processes designed to increase the efficiency of energy production and distribution;
- Study of energy conservation;
- Energy efficiency;
- CO₂ capture and storage;
- Renewable energy sources;
- Nuclear fission and fusion;
- Hydrogen and fuel cells;
- Other power and storage technologies.

This objective does not include R&D related to:

- Prospecting (other objectives);
- Vehicle and engine propulsion (objective 5: industrial production and technology).

5 Industrial production and technology

This objective includes R&D related to:

- Improvement of industrial production and technology;
- Industrial products and their manufacturing processes;
- Increasing economic efficiency and competitiveness;
- All manufactures;
- Recycling waste (metal and non metal).

This objective does not include R&D related to industrial products and their manufacturing processes where they form an integral part of other objectives (e.g. defence, energy).

6 Defence

This objective includes R&D related to:

- Military purposes;
- Basic, nuclear and space R&D financed by Ministries of Defence.