**GOVERNMENT BUDGET APPROPRIATIONS FOR R&D BY SOCIO-ECONOMIC OBJECTIVES (GBAORD) – ANNEX 1**

**NABS rev. 1992: List of socio-economic objectives at the 3-digit level**

**1. EXPLORATION AND EXPLOITATION OF THE EARTH**

1.0 General research

1.1 Mineral, oil and natural gas prospecting

1.2 Exploration and exploitation of the sea-bed

1.3 Earth’s crust and mantle excluding sea-bed

1.4 Hydrology

1.5 Sea and oceans

1.6 Atmosphere

1.9 Other research on the exploration and exploitation of the Earth

**2. INFRASTRUCTURE AND GENERAL PLANNING OF LAND-USE**

2.0 General research

2.1 General planning of land-use

2.2 Construction and planning of building

2.3 Civil engineering

2.4 Transport systems

2.5 Telecommunication systems

2.6 Water supply

2.9 Other research on the infrastructure and general planning of land-use

**3. CONTROL AND CARE OF THE ENVIRONMENT**

3.0 General research on the environment

3.1 Protection of atmosphere and climate

3.2 Protection of ambient air

3.3 Solid waste

3.4 Protection of ambient water

3.5 Protection of soil and groundwater

3.6 Abatement of noise and vibration

3.7 Protection of species and habitats

3.8 Protection against natural hazards

3.9 Protection against radioactive radiation

3.10 Other research on the environment

**4. PROTECTION AND IPROVEMENT OF HUMAN HEALTH**

4.0 General research

4.1 Medical research, hospital treatment, surgery

4.2 Preventive medicine

4.3 Biomedical engineering and medicines

4.4 Occupational medicine

4.5 Nutrition and food hygiene

4.6 Drug abuse and addiction

4.7 Social medicine

4.8 Hospital structure and organisation of medical care

4.9 Other medical research

**5. PRODUCTION, DISTRIBUTION AND RATIONAL UTILIZATION OF ENERGY**

5.0 General research

5.1 Fossil fuels and their derivatives

5.2 Nuclear fission

5.3 Radioactive waste management including decommissioning with regard to fuel/energy

5.4 Nuclear fusion

5.5 Renewable energy sources

5.5.1 Solar, thermal and photovoltaic energy

5.5.2 Geothermal energy

5.5.3 Water, wind and wave energy

5.5.4 Research into biomass conversion

5.6 Rational utilization of energy

5.9 Other research on production, distribution and rational utilization of energy

**6. AGRICULTURAL PRODUCTION AND TECHNOLOGY**

6.0 General research

6.1 Animal products

6.2 Fishing and fish-farming

6.3 Veterinary medicine

6.4 Crops

6.5 Forestry and timber production

6.6 Food technology

6.9 Other research on agricultural production and technology

**7. INDUSTRIAL PRODUCTION AND TECHNOLOGY**

7.0 General research

7.1 Increasing economic efficiency and competitiveness

7.2 Manufacturing and processing techniques

7.3 Extraction and processing of non-energy mineral and derived products

* 1. Products of the chemical industry

7.4.1 Petrochemical and coal by-products

7.4.2 Pharmaceutical products

* 1. Manufacture of motor vehicles and other means of transport

7.5.1 Aerospace equipment manufacturing and repairing

7.5.2 Manufacture of motor vehicles and parts (including agricultural tractors)

7.5.3 Manufacture of all other equipment

7.6 Electronic and related industries

7.6.1 Manufacture of office machinery and data processing equipment

7.6.2 Manufacture of radio, television and communications equipment and apparatus

7.6.3 Software development

7.7 Manufacture of electrical machinery and apparatus

7.8 Manufacture of non-electronic and non-electrical machinery

7.9 Manufacture of instruments

7.9.1 Manufacture of medical and surgical equipment and orthopaedic appliances

7.9.2 All other instrument manufacture

7.10 Manufacture of food products and beverages

7.11 Manufacture of textile, clothing and leather goods

7.12 Other manufacturing products

7.13 Recycling waste

**8. SOCIAL STRUCTURES AND RELATIONSHIPS**

8.0 General research

8.1 Education, training, recurrent and retraining

8.2 Cultural activities

8.3 Management of business and institutions

8.4 Improvement of working conditions

8.5 Social security system

8.6 Political structure of society

8.7 Social change, social processes and social conflicts

8.9 Other research with regard to society

**9. EXPLORATION AND EXPLOITATION OF SPACE**

9.0 General research

9.1 Scientific exploration of space

9.2 Applied research programmes

9.3 Launch systems

9.4 Space laboratories and space travel

9.9 Other research on the exploration and exploitation of space

**10. RESEARCH FINACED FROM GENERAL UNIVERSITY FUNDS**

 **(General research financed from Ministry of Education)**

10.0 Mathematics and computer sciences

10.1 Physical sciences

10.2 Chemical sciences

10.3 Biological sciences

10.4 Earth and related (environmental) sciences

10.5 Engineering sciences

10.6 Medical sciences

10.7 Agricultural sciences

10.8 Social sciences

10.9 Humanities

**11. NON-ORIENTED RESEARCH**

11.0 Mathematics and computer sciences

11.1 Physical sciences

11.2 Chemical sciences

11.3 Biological sciences

11.4 Earth and related (environmental) sciences

11.5 Engineering sciences

11.6 Medical sciences

11.7 Agricultural sciences

11.8 Social sciences

11.9 Humanities

**12. OTHER CIVIL RESEARCH**

**13. DEFENCE**