

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

### **NABS rev. 1993: 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 seabed
  - 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 ENVIROMENT**
  - 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
- 7.4 Products of the chemical industry
  - 7.4.1 Petrochemical and coal by-products
  - 7.4.2 Pharmaceutical products
- 7.5 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 FINANCED 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**