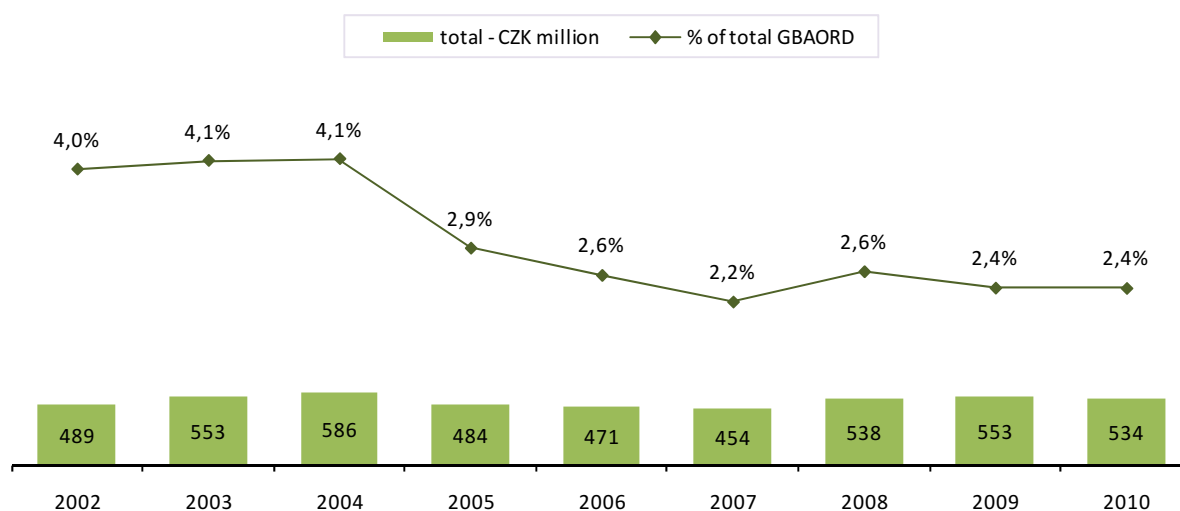


2.3 CONTROL AND CARE OF THE ENVIRONMENT (SEO 03)

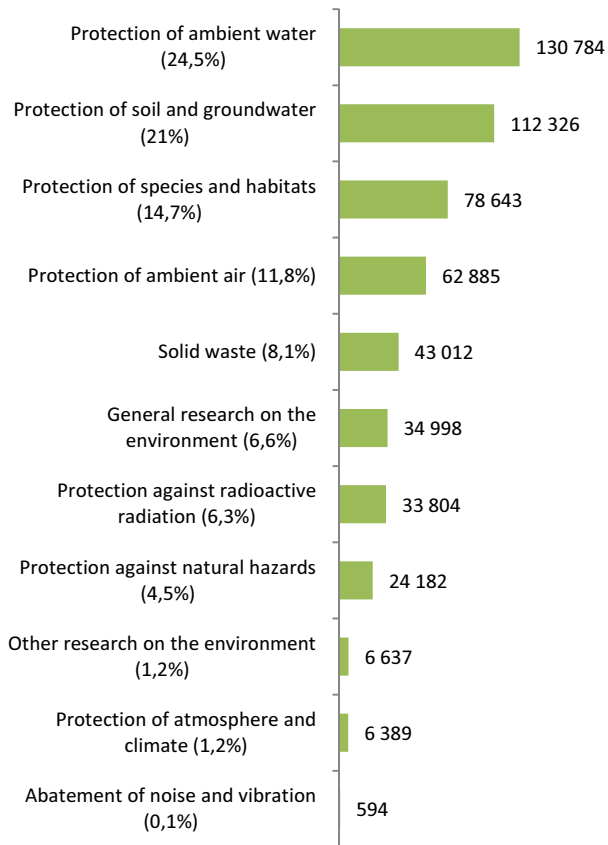
The target covers all socio-economic research, which concerns the protection of the environment and is directed at identifying and analyzing sources of pollution and their causes. This particularly includes the development of monitoring devices for measuring various types of pollution and also research and pollution prevention.

- Expenditures on R&D in environmental protection during 2002–2004 increased (from CZK 489 million in 2002 to CZK 586 million in 2004), although the proportion of total GBAORD stagnated at 4.1%. The following period experienced a decline in support for R&D in this field to the total sum of CZK 454 million in 2007 and the share of total GBAORD fell to 2.2%. In 2008, there was a change in this development and funds allocated to this research increased to CZK 553 million in 2009. In 2010 the support devoted to R&D under this objective decreased slightly to CZK 534 million. The share of total GBAORD stagnated at 2.4% in 2009 and 2010. The average annual growth reached 1.1% from 2002 to 2010.
- In 2010 most R&D activities related to the control and care of the environment were given funding in Protection of ambient water (SEO 0304), which was 24.5% (CZK 130,784 thousand). Another important area of research was Protection of soil and groundwater (SEO 0305) with the share of 21% (CZK 112,326 thousand). Research and development in the field of Ambient air (SEO 0302) was allocated CZK 62,885 thousand (11.8%). The smallest budget (CZK 594 thousand; 0.1%) was allocated to research on Abatement of noise and vibration (SEO 0306).
- The period 2005–2010 recorded the highest average annual growth in funding for SEO 0305 – Protection of soil and groundwater (an annual increase of 23.7%) and also for SEO 0302 – Protection of ambient air (10.9%). Apart from the other research, the largest negative average annual decline was recorded for SEO0306 – Abatement of noise and vibration (an annual decrease of 32.7%).
- Most of the research and development in the field of control and care of the environmental was financed from state budgets targeted funding (86.1% of SEO 03; CZK 459,847 thousand). Institutional funding made up 13.9% (CZK 74,407 thousand). More than a half of objectives were financed also by means of institutional funding. SEO 0304 – Protection of ambient water having the highest proportion (36.5%; CZK 47,735 thousand) of institutional funding under the socio-economic objective SEO 03.
- The largest funding support of R&D in this socio-economic objective was provided by the Ministry of Environment (CZK 261,455 thousand; 48.9% of SEO 03), which was followed by the Ministry of Education, Youth and Sports with CZK 141,323 thousand (26.5%). The State Office for Nuclear Safety funded research related to Protection against radioactive radiation with CZK 17,656 thousand (50% of institutional and 50% of targeted funding), which makes up for the proportion of 3.3%. The least support was given by the Ministry of Health (0,1%), the Ministry of Transport (0.3%) and the Academy of Science (1%), which are listed in Graph 2.3-4 under Others (CZK 7,491 thousand; 1.4%). Support in the form of institutional funding was provided by the Ministry of the Environment, the Ministry of Education, Youth and Sports and already mentioned the State Office for Nuclear Safety.

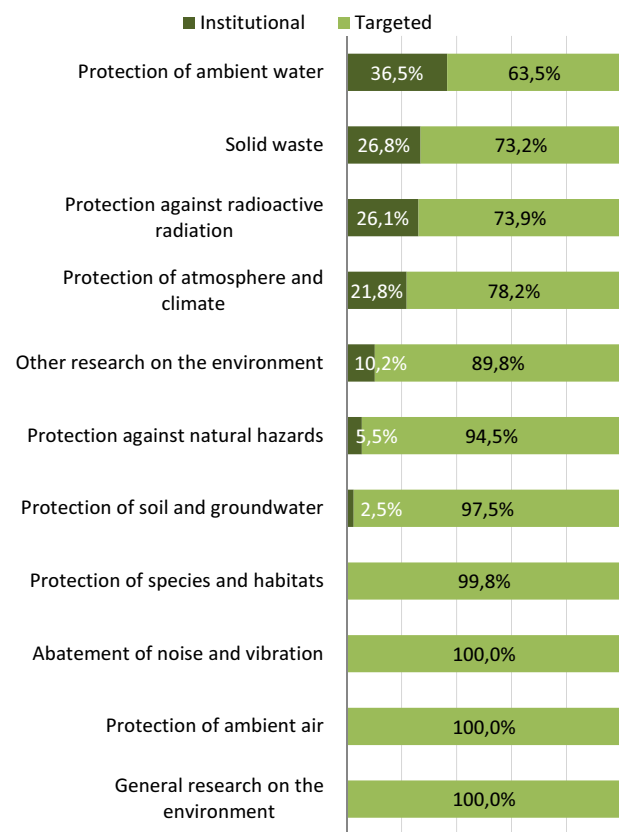
GRAPH 2.3-1: Control and care of the environment (SEO 03) in mil. CZK and as % of total GBAORD; 2002–2010



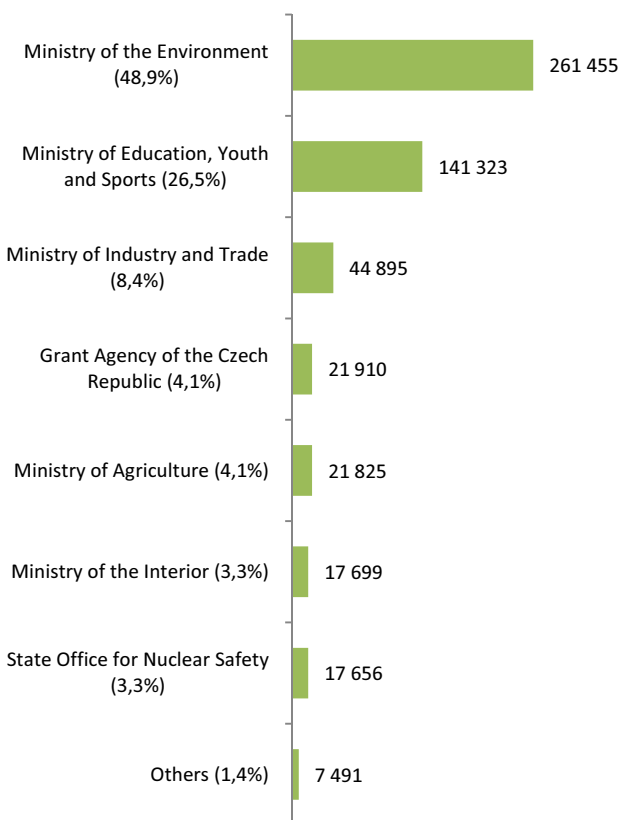
GRAPH 2.3-2: Control and care of the environment (SEO 03) – objectives by NABS1992 (% and CZK thousand); 2010



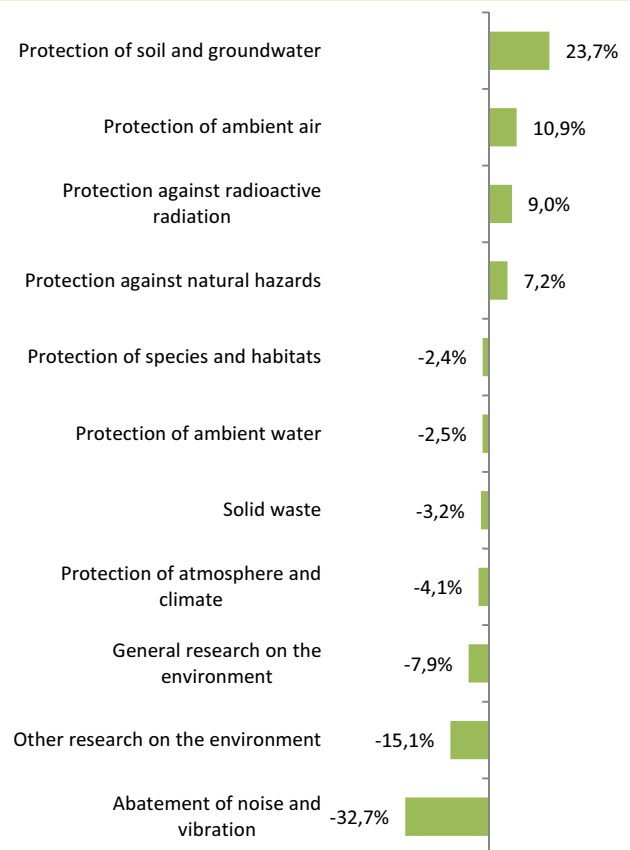
GRAPH 2.3-3: Control and care of the environment (SEO 03) – the structure by the type of funding; 2010



GRAPH 2.3-4: Control and care of the environment (SEO 03) – the support by providers (% and CZK thousand); 2010



GRAPH 2.3-5: Control and care of the environment (SEO 03) – the average annual growth rate; 2005–2010



NOTE: In graphs 2.3-2 and 2.3-4, the proportions of SEO 03 are in brackets.