Research programmes of the ministry of culture for 2006-2011

The 4 research programmes of the Ministry of Culture for 2006-2011 specified below were approved by Resolution No. 312 of the Government of the Czech Republic of 16 March 2005.

1st Programme

1) Programme title:

Research and scientific evaluation of the cultural and historical values of our environment, methods and instruments of their preservation and research of traditional folk culture phenomena as an integral part of intangible cultural heritage

Programme identification code: **DB**

2) Date of announcement and term of the programme:

The research programme **will be announced in 2005 for the period of 2006-2011**, so that the support for the selected projects within this programme will commence in January 2006 and terminate in December 2011.

3) Division of the programme into sub-programmes:

The programme is divided into 4 sub-programmes dealing with:

***1st Sub-programme*:**

Immovable cultural monuments, sets of immovable cultural monuments, protected monument territories and other architectural heritage – scientific research and surveys, documentation, records and presentation, methods and principles of maintenance, reconstruction and protection including the utilisation of both traditional and new materials, techniques and procedures including specific restoration procedures.

2nd Sub-programme:

Movable cultural monuments, sets of movable cultural monuments and other movable cultural heritage – scientific research and surveys, documentation, records and presentation, methods and principles of maintenance, reconstruction and protection including the utilisation of both traditional and new materials, techniques and procedures including specific restoration procedures.

3rd Sub-programme:

Archaeological heritage – scientific research and surveys, documentation, records and presentation, methods and principles of its protection and conservation for the purposes of monument care.

4th Sub-programme:

Traditional folk culture phenomena – identification, documentation and presentation of traditional folk culture elements in the territory of the Czech Republic.

4) Bases for and reasoning of the programme and its sub-programmes:

The draft of the new programme of earmarked support for research and development in the area of monument care and in the area of regional and ethnic culture for the period of 2006-2011

is based on valid legal regulations, namely Act No. 130/2002 Coll., on support for research and development from public funds and on amendment to certain related laws (Act on Support for Research and Development), as amended, Government Regulation No. 461/2002 Coll., on earmarked support for research and development from public funds and on public tenders in research and development, Government Regulation No. 267/2002 Coll., on the information system in research and development, Act No. 20/1987 Coll., on State monument care, as amended, the Convention Concerning the Protection of World Cultural and Natural Heritage promulgated under No. 159/1991 Coll., the Convention for the Protection of the Architectural Heritage of Europe promulgated under No. 73/2000 of Collection of International Treaties, the European Convention on the Protection of the Archaeological Heritage promulgated under No. 99/2000 of the Collection of International Treaties, the Convention for the Safeguarding the Intangible Cultural Heritage adopted at the 32nd Session of the UNESCO General Conference, the Resolution adopted at the 25th Session of the UNESCO General Conference of 1989 "Recommendation on the Safeguarding of Traditional Culture and Folklore", the Convention for the Protection of Cultural Property in the Event of Armed Conflict and its Protocols promulgated under No. 94/1958 Coll.; on valid strategic materials of the Ministry of Culture, namely the Strategy of Development of Research and Development in the Sector of Culture, the Strategy of Improved State Support for Culture (as amended by Government Resolution No. 40/2001), the Strategy of Improved Care for Traditional Folk Culture in the Czech Republic approved by Government Resolution No. 571/2003; and on the recommendations of the members of Programme Councils of the Ministry of Culture related to evaluation of the research and development programme projects in the areas of monument care and traditional folk culture.

Many elements of the monument fund and of tangible and intangible cultural heritage in general are currently seriously endangered, in particular, by human activity and by the mostly consumption-oriented life-style preferring and focusing merely on material values. Earmarked research and development make it possible to process information on the currently endangered cultural heritage that is being destroyed and also to use the obtained knowledge in future, where the particular element of cultural heritage no longer exists (for example archaeological sites), or its conservation is significantly jeopardised (e.g. traditional folk culture phenomena).

The draft of the new research programme follows up on the research programme ending in 2005, which will be evaluated in 2006. Based upon its partial evaluation, it can be stated that the knowledge of both movable and immovable cultural heritage, including industrial heritage, has significantly improved. The acquired knowledge includes significant findings in the area of archaeological heritage, the technology of the conservation and restoration of elements of cultural and historical heritage; also the scientific processing and documentation of traditional folk crafts surviving in particular regions has commenced. However, this is only part of the cognitive processes in the system of monument care and regional and ethnic culture, the potential of which (as the very nature, substance and quantity of the research items implies) is not, and cannot be, entirely exhausted. Other needs of the research of the movable and immovable monument fund, architectural and archaeological heritage, the development of new methods in this area and surviving traditional folk culture phenomena remain unaffected.

5) Objectives of the programme, its sub-programmes and the expected benefits, evaluability of the programme

The programme's objective consists in:

a) the acquisition and evaluation of new knowledge and its subsequent application in the identification, conservation, protection and presentation of the existing and potential monument

fund and items and sets of items that are not, for various reasons, subject to monument protection but have been included in the cultural and historical values of the environment;

b) the identification, documentation and evaluation of sources of still-existing traditional folk culture phenomena and the use of the obtained information to preserve them, pass them on to further generations and to present traditional folk culture and its values both in the Czech Republic and abroad.

Objectives and benefits of the 1st Sub-programme

The objective of the sub-programme lies in the acquisition and evaluation of the new knowledge of immovable cultural heritage and, in particular, in the practical utilisation of the knowledge in its conservation, renovation and presentation. The particular objective lies in:

- the creation, development and updating of databases of records and making them accessible to the public,
- drawing up historical surveys related to constructional, artistic and technical aspects,
- the evaluation of the possibilities of utilisation of new materials, even in comparison with traditional materials,
- drawing up and verification of new renovation procedures, possibly in comparison with traditional ones, including new restoration methods.

The expected benefits of the sub-programme will include, in particular:

- the creation of qualitatively new comprehensive databases for the records of movable cultural heritage,
- new methods, principles and technologies of the conservation, renovation and protection of immovable cultural heritage,
- new information that will be used in the presentation of immovable cultural heritage to the general public, in educational programmes, etc.

Objectives and benefits of the 2nd Sub-programme

The objective of the sub-programme lies in the acquisition and evaluation of the new knowledge of movable cultural heritage and, in particular, in practical utilisation of the knowledge in its conservation, renovation and presentation. The particular objective lies in:

- drawing up historical surveys in respect of artistic and technical aspects,
- the evaluation of the possibilities of utilisation of new materials, also in comparison with traditional materials,
- drawing up and verification of new renovation procedures, possibly in comparison with traditional ones, including new restoration methods.

The expected benefits of the sub-programme will include, in particular :

- the new methods, principles and technologies of the preservation, reconstruction and protection of movable cultural heritage,
- new information that will be used in the presentation of immovable cultural heritage to the broad public, in educational programmes, etc.

Objectives and benefits of the 3rd Sub-programme

The objective of the sub-programme lies in the evaluation and processing of the information

on the historical value of elements of archaeological heritage acquired through surveys (performed primarily by non-destructive methods), sets of these elements and archaeological sites from the viewpoint of the history of the arts, technology and life of the society in the Czech Republic. The particular objective lies in:

- the supplementation and updating of the information database of the State Archaeological List serving for the records of archaeological finds and archaeological sites,
- drawing up and verification of new methods, principles and technologies of archaeological surveys.

The expected benefits of the sub-programme will include, in particular:

- the utilisation of new procedures, methods and technologies in archaeological research including non-destructive research,
- the utilisation of new knowledge by the public administration bodies, by the expert and general public; it will also be utilised in the fight against activities consisting in the illegal search for and excavation of archaeological finds with the possible use of metal detectors.

Objectives and benefits of the 4th Sub-programme

The objective of the sub-programme lies in the identification, documentation and evaluation of the sources of still-existing traditional folk culture phenomena and in the use of the information to preserve them, pass them on to further generations and present traditional folk culture and its values both in the Czech Republic and abroad. The particular objective lies in:

- drawing up ethnographical and cartographical maps of surviving identified traditional folk culture phenomena in selected regions of the Czech Republic,
- the creation of standardised nomenclature and terminology for traditional folk culture phenomena and its lexicographical processing,
- the creation of reliable records of sources of information, registers, with an output in separate publications or in electronic form,
- the creation of an information database of documentation funds as sources for further scientific and education purposes,
- the digitisation of collection funds as a tool for the permanent preservation of information, making it accessible and its classification into cumulative databases,
- the utilisation of selected elements of traditional folk culture in the educational process at schools, e.g. the preparation of teaching texts, audio-visual aids for school and extra-curricular education for discovering and acquiring traditional folk culture phenomena of domestic and European regions.

The expected benefits of the sub-programme will include in particular:

- the creation of information databases of surviving existing folk culture phenomena in the Czech Republic and making them accessible to the public,
- passing on folk culture traditions to following generations,
- presentations of traditional folk culture and its values to the public in the Czech Republic and abroad.

Comprehensive evaluation of the whole programme will be carried out on the basis of assessment of the results achieved in the framework of the individual sub-programmes. If the objectives of the sub-programme are not achieved, this sub-programme and the entire programme

as a set of sub-programmes will be evaluated as unfulfilled.

6) Comparison with the current state of affairs in the Czech Republic and abroad

The current state of research in the area of monument care and the preservation of cultural and historical values of the environment over the last 10 years (since 1995) has been determined and affected to a large degree by the achieved results of the currently ending research programme, which was financially supported from public funds provided by the chapter administrator to the beneficiaries from the State budget. In this period, the research base was revitalised after the years of stagnation in 1990-1995, when research and development in the department of culture was not supported at all, both by increasing the capacities for research tasks and by enhancing the technical equipment of the research base. The research work in the area of monument care was carried out in two main directions; both within the branches of monument interest, where monuments are not only the subject, but also the source of knowledge, and by the study of the subject of monument care, its development, organisation and behaviour.

Significant results have been achieved in the area of the creation and updating of professional databases of records and other types of information sources – detailed mapping of rural and urban settlements and archaeological sites from various viewpoints (e.g. the projects "State Archaeological List of the Czech Republic" – National Memorial Institute, 1997 – 2003; "Documentation of Monuments of Rural Settlements in the Czech Republic" - National Memorial Institute, 2001 – 2005; "Research of Village Churches in Bohemia" - National Memorial Institute, 1996 – 2004); extension of the knowledge of movable monument funds or cultural heritage (e.g. the projects "European Modern Ceramics. Selected Funds of European Modern Ceramics in Ancient Monuments" - National Memorial Institute, 2000 – 2003; "Alternative Tapestry Restoration Techniques – Prospects of Utilisation for Czech Collection Funds" - State Memorial Institute in České Budějovice, 2000 – 2002); the great extension of knowledge in the area of archaeology (e.g. the projects "Capitular Church of Sts. Peter and Paul at Vyšehrad. Archaeological Survey." – Institute of Archaeology of the Academy of Sciences of the Czech Republic, 2001 – 2003; "Utilisation of Aerial Survey in Archaeology in Moravia" – Archaeological Institute of Monument Care in Brno, 2000 – 2003); or the extension or enhancement of knowledge in other areas of monument care including various ranges of problems (e.g. the project "Construction and Historical Survey – Techniques and its Verification in Practice", National Memorial Institute, 2001 – 2003). The majority of knowledge acquired within the currently ending research programme has already been implemented in practice at the level common in the European context, particularly in the above-mentioned areas; the acquired knowledge can be utilised by a broad range of users.

In an international context, the monument fund of the Czech Republic represents an important element of European cultural heritage. International cooperation in the area of monument care is one of the crucial assignments in the branch; it helps to develop monument care theory and practice in the cooperation of foreign and Czech experts. Since the 1960s, Czech monument care has been distinguished by its specific methods of survey of historical structures and settlements, which may be regarded as significant activity in the area of theoretical research. In the period from 1966-1982, Czechoslovakia organised 13 international symposia dealing only with the results of this scientific activity. After the changes in the social situation in the 1990s, international cooperation was also transformed and is still carried out through the ICOMOS international organisation (International Council on Monuments and Sites); cooperation with the most significant international organisations, UNESCO and the Council of Europe, has also been

enhanced. This cooperation also benefits from the achieved results of the research work of employees of the professional monument care organisations, in particular in the preparation of passports – proposals of Czech monuments to be included in the World Heritage List. The submitted passports are positively evaluated in UNESCO, which is shown by the fact that additional, new significant monuments have been recorded in this list. The number of existing listed monuments – the Historic Centres of Prague, Český Krumlov, Telč and Kutná Hora – have been supplemented by the Pilgrimage Church of St. John of Nepomuk at Zelená Hora in Žďár nad Sázavou, Litomyšl Castle, the Historic Gardens and Castle in Kroměříž, the Jewish Quarter and St. Procopius's Basilica in Třebíč. Recently, two additional significant elements of cultural and historical heritage of the Czech Republic have been submitted to UNESCO for consideration and possible recording in the list: Renaissance houses in Slavonice and the Třeboň fishpond network (under the name Třeboň Fishpond Heritage); in 2004, a passport of a significant technical monument - the handmade paper mill in Velké Losiny – was completed and submitted.

In 2001-2005, the current state of research relating to traditional folk culture was determined and affected by the achieved results of the monument care research programme ending in 2005, within which a thematic framework focused on traditional folk culture was announced in 2001. A number of significant projects were implemented within this research programme or sub-programme – in total, two three-year projects (in 2001-2003) and three two-year projects (in 2004 and 2005) were financially supported from public funds.

The projects implemented in 2001 – 2003 can be regarded as pioneers in this branch because, in this programme, they in fact represent the commencement of the scientific processing and documentation of folk crafts within the scope of the given regions. These include the following projects: *Folk Arts and Crafts in the Central Moravia Region*, researcher PhDr. Jarmila Pechová from the Moravian Museum; and *Folk Arts and Crafts in the Klatovy District*, researcher Mgr. Luboš Smolík, director of the District Museum in Klatovy. The results and outputs of both projects have been evaluated as significant contributions to the development of ethnology. Similar processing will continue throughout the Czech Republic pursuant to the Strategy of Improved Care for Traditional Folk Culture (see the groundwork).

With the existing research programme in the area of traditional folk culture, the Czech Republic has joined the international trend of intensive protection of intangible cultural heritage initiated primarily by UNESCO. The research activity of institutions in the Czech Republic has been evaluated as exemplary in this regard. General comparison took place at the meetings of the UNESCO member countries from Central and Eastern Europe in past years organised on the authority of the Ministry of Culture by the National Institute of Folk Culture.

7) The expected expenditures for the programme

The figures in the table are in thousands of CZK

Year / Sub-programme	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	Total

1	932	1,289	3,915	5,062	5,613	1,334	**18,145**
2	768	677	2,800	3,751	3,991	1,000	**12,987**
3	300	600	500	500	500	------	**2,400**
4	368	1,136	1,231	1,232	1,231	595	**5,793**
Total in individual years	**2,368**	**3,702**	**8,446**	**10,545**	**11,335**	**2,929**	**In total 39,325**
Expenses for evaluation of projects	126	152	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	
Total for the Programme	**2,494**	**3,854**	**8,446**	**10,545**	**11,335**	**2,929**	**39,603**

Comments on the programme expenditures are provided on page 25 in the section "Total Planned Expenditures for all Sectoral Programmes of the Ministry of Culture for 2006-2011".

2nd Programme

1) Programme title:

Protection of cultural, artistic and scientific resources and making them accessible

Programme identification code: **DC**

2) Date of the announcement and term of the programme:

The research programme **will be announced in 2005 for the period of 2006-2011,** so that the support for the selected projects within this programme will commence in January 2006 and terminate in December 2011.

3) Division of the programme into sub-programmes:

The programme is divided into 2 sub-programmes dealing with:

***1st Sub-programme*:**

Making cultural heritage accessible in an integrated and interactive manner

Research in the area of the digitisation, long-term protection and enhanced accessibility of cultural resources and the utilisation of such resources for the development of tourism and the local culture, the development of knowledge and interactive technology for education, leisure, tourism and ensuring accessibility of the cultural heritage.

2nd Sub-programme:

Enhancement of methods of protection of cultural heritage preserved in all kinds of documents

Research aimed at the improvement, enhancement or creation of brand-new methods of protection of the cultural heritage preserved in all kinds of documents.

4) Bases for and reasoning of the programme and of its sub-programmes:

The draft of the new programme of earmarked support for research and development in the area of libraries for the period of 2006-2011 is based on valid legal regulations, namely Act No. 130/2002 Coll., on support for research and development from public funds and on amendment to certain related laws (Act on Support of Research and Development), as amended, Government Regulation No. 461/2002 Coll., on earmarked support for research and development from public funds and on public tenders in research and development, Government Regulation No. 267/2002 Coll., on the information system in research and development, and further on the main principles of the Cultural Policy approved by Government Resolution No. 40 of 10 January 2001, where the State committed itself through the Ministry of Culture to:

- guarantee the protection of cultural heritage and promote care for it,
- to guarantee free access of citizens to information, to promote the exchange of information within the cultural system, and between the cultural system and the external environment, without regard to language and administrative boundaries;
- to promote education and enlightenment in the system of creation and utilization of cultural property,

The particular objectives then result primarily from the following provisions:

Article 5 – Promote scientific and research work in delimited areas of culture at a level

comparable to other fields of science,

Article 32 – Increase the contribution of the State budget to care for the cultural heritage in connection with its income from cultural tourism; provide for better coordination between care for the cultural heritage and care for development of tourism, provide information on the cultural heritage at home and abroad

Article 45 – Provide for permanent preservation of and public access to the most valuable monuments and objects of cultural value in the area of book culture (support for the Memoriae Mundi Series Bohemica programme for the digitisation of the most precious elements of literary heritage from the book culture administered by the National Library of the Czech Republic as its methodological, coordination and implementation centre).

The draft programme also reflects the actual needs expressed in the Strategy of Development of Libraries in the Czech Republic for 2004 – 2010 adopted by Resolution of the Government of the Czech Republic No. 679 of 7 July 2004.

The preparation of the presented programme involved, *inter alia*, the representatives of the Institute of Information Studies and Librarianship of the Faculty of Philosophy and Arts at Charles University, professional organisations and the expert public.

The draft of the new research programme follows up on the research programme entitled "Providing Access to and Protection of Library Collections through Digitisation with the Use of the International Internet Network in Connection with the Creation of an Information Society", which terminated in 2004 and was implemented from 1997 to 2004. This programme was intended for the support for multi-year scientific and research projects focused on the gradual provision of access to library collections based on modern information technologies, the conservation of classical documents for future generations of users and the creation of a comprehensive information society. The mentioned objectives were fulfilled in the following sub-programmes:

a) Administration and protection of data in libraries – providing access to library collections through digitisation, the conversion of catalogues into electronic form with the use of the internet and other services based on the information technologies,
b) New methods of the protection and conservation of library collections – the development and implementation of new technologies to preserve library collections from the viewpoint of the microclimate, research of restoration materials,
c) Libraries and the information society – research in user needs and preparation of new branch terminology with regard to the creation of an information society.

5) Objectives of the programme, its sub-programmes and the expected benefits, evaluability of the programme

The objective of the programme consists in the acquisition of knowledge, methods, technologies and instruments for digitisation, long-term protection and provision for the accessibility of cultural resources.

Objectives and benefits of the 1st Sub-programme

The objective of the sub-programme lies in:

- a proposal of the methods of optimisation and performance enhancement of digital processing of the collections,
- a proposal of methods of protection of digital resources created,
- the creation of an extensive interactive network and new information environments for the

provision of access to cultural resources,

- drawing up the terminology of the library and information science,
- the creation of a virtual research environment (semantic grids) for the cooperation of libraries, archives, museums, universities and academic establishments, and in its further development as a comprehensive information source for its subsequent utilisation by the broadest range of users.

The expected benefits of the sub-programme will include, in particular:

- the protection of and coordinated provision of access to the cultural heritage deposited in various types of memory institutions (libraries, museums and archives), preserved in all kinds of documents primarily through the use of new technologies for its protection and preservation (in accordance with the direction of research and development in the EU Member States),
- the support for free access of the citizens to information, exchange of information within the culture system, and between the culture system and the external environment, regardless of the language and administrative boundaries,
- the mutual cooperation of all types of memory institutions and support for the creation of consortia of such institutions,
- the support for education and training in the system of the creation and utilisation of cultural assets.

Objectives and benefits of the 2nd Sub-programme

The objective of the sub-programme lies in:

- the proposal of new methods and procedures contributing to the protection and conservation of endangered cultural heritage preserved in all kinds of documents (resolution of problems related to classical printed and modern analogue and digital information carriers, in particular acid paper and magnetic tape; in the area of information coding, the solution for access to data and metadata recording and to complex compound digital documents/objects.)

The expected benefits of the sub-programme will include, in particular:

- qualified protection of the preserved documentary heritage corresponding to the current level of knowledge and technological facilities.

Comprehensive evaluation of the whole programme will be carried out on the basis of assessment of the results achieved in the framework of the individual sub-programmes. If the objectives of the sub-programme are not achieved, this sub-programme and the entire programme as a set of sub-programmes will be evaluated as unfulfilled.

6) Comparison with the current state of affairs in the Czech Republic and abroad

The state of research in the area of libraries in 1997-2004 was determined and affected to a large extent degree by the achieved results of the research programme terminating in 2004, which was financially supported from public funds provided by the chapter administrator to the beneficiaries from the State budget. Significant progress was achieved in the following branches:

- building and sharing information systems,
- the provision of access in digital form in particular to the historical library collection,

- the protection and conservation of library collections.

It can be stated that a majority of new knowledge has already been used in practice in all the above-mentioned principal areas at the level common in Europe and that Czech library science has reached the level of developed foreign countries and belongs to the best in Europe in the research and implementation of certain technologies. A great part of the fundamental research and development was either implemented or coordinated by the National Library of the Czech Republic. This institution represents a successful vehicle for a number of national projects and research intentions and, since the 4th Framework Programme of the EU, it has also been participating in international projects. In accordance with the direction of the research in the European Union, research and development in the Czech Republic in the current and subsequent period must also be directed at the implementation of new technologies for providing access to and the protection of cultural, artistic and scientific sources. In addition, it is desirable to support the convergence of libraries, museums and archives amongst one another and the coordinated disclosure of their resources to the users, to anyone, anywhere and at any time.

Forty programme projects were adopted and successfully resolved within the programme in 1997-2004, the vehicles of which consisted primarily in libraries falling within the sector of culture. A number of projects were crowned with excellent results, including projects such as:

- Access to and Archival Storage of Precious Documents with the Use of Digital Technology (1997-1998), National Library of the Czech Republic,
- Kramerius I – Project of the National Programme of Preservative Microfilming of Newspaper Collections (1997-1999), National Library of the Czech Republic in cooperation with the Moravian Library in Brno, Education and Research Library in Pilsen and Education and Research Library in Olomouc,
- Digitisation of Preservation Microfilm (1997–1999), National Library of the Czech Republic,
- Access to the Records of 20th Century Czech Book Production Via the Internet and CD-ROM (1997–2000), National Library of the Czech Republic,
- CASLIN – The Union Catalogue of the Czech Republic. Project of sharing records and making entries into the Union Catalogue of the Czech Republic (1998-2000), National Library of the Czech Republic,
- Information Needs of Inhabitants Living in Smaller Towns and Villages and Possibilities of their Satisfaction through the Public Libraries Network (2000), National Library of the Czech Republic,
- Registration and Preservation of and Access to Czech Electronic Internet Resources (2000–2001), National Library of the Czech Republic,
- Optimisation of Archival Storage of and Access to Digital Data (2000–2001), National Library of the Czech Republic,
- Uniform Information Gateway for Hybrid Libraries (2001–2002), National Library of the Czech Republic,
- Development of Protective Casings for Endangered and Precious Library Collections (2001-2002), National Library of the Czech Republic,
- Czech Explanatory Terminological Database from the Field of Library Science and Information Sciences (2001-2002), National Library of the Czech Republic,
- Development of Regional Databases on the Basis of the Retrospective Conversion of Article Bibliography (2001-2002), Central Bohemian Research Library in Kladno.

Thanks to the mentioned programme, new global trends emerging in the 1990s, primarily in the area of the digitisation and conservation of documents, could be reflected and incorporated in a creative manner also into the domestic environment. Most of the programme's financial means (approximately 79%) had been provided to the National Library of the Czech Republic representing the centre of the system of libraries and their research activity; however, a number of programme projects had been carried out in cooperation with other libraries. The obtained knowledge and results always were and are available to other institutions, either directly (e.g. the creation of a workplace and standards for digitisation, microfilming, conversion of the Czech national bibliography into electronic form, terminological dictionary, global user surveys, etc.) or

forming a basis for their own research and developmental activity. The achieved results are currently perceived as an integral part of everyday reality and their further operation is supported by certain programmes of the Ministry of Culture; however, their existence and further development would not be possible without the expenditure of large amounts of funds during the initial stage of the research and development programme.

7) The expected expenditures for the programme

The figures in the table are in thousands of CZK

Year / Sub-programme	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	Total
1	1,500	2,560	6,000	10,000	9,000	1,695	**30,755**
2	500	905	3,000	5,000	3,000	800	**13,205**
Total in individual years	**2,000**	**3,465**	**9,000**	**15,000**	**12,000**	**2,495**	**In total 43,960**
Expenses for evaluation of projects	46	80	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	
Total for the Programme	**2,046**	**3,545**	**9,000**	**15,000**	**12,000**	**2,495**	**44,086**

Comments on the programme expenditures are provided on page 25 in the section "Total Planned Expenditures on all Sectoral Programmes of the Ministry of Culture for 2006-2011".

3rd Programme

1) Programme title:

Scientific and documentary evaluation of the development of music, theatre and the creative arts, literary history, theory and criticism; analytical and sociological studies of the current state of culture in the Czech Republic and research and scientific evaluation of mass media and audiovisual means

Programme identification code**: DD**

2) Date of announcement and term of the programme:

The research programme as a whole will be announced in 2005 and the financial support for the individual sub-programmes will be provided in stages. The **1st and 3rd Sub-programmes** of the research programme will be **announced** in 2005 **for the period of 2006-2011,** so that the support for the selected projects within this programme will commence in January 2006 and terminate in December 2011; the **2nd and 4th Sub-programmes** of the research programme will be **announced** in 2005 **for the period of 2008-2011,** so that the support for the selected projects within this programme will commence in January 2008 and terminate in December 2011.

3) Division of the programme into sub-programmes:

The programme is divided into 4 sub-programmes dealing with:

1st Sub-programme:

Scientific and documentary evaluation of the development of music, theatre and fine arts, literary history, theory and review

a) long-term musical and editorial projects,
b) inventorial, cataloguing and lexicographical musical projects,
c) history of theatre in the Czech Republic, stage arts theory and reflections,
d) basic encyclopaedic and lexicographical works in the area of theatre,
e) developmental trends and key personages in the area of the creative arts – research and scientific interpretation of the Czech and European creative arts from the 17th to the 21st century,
f) processing and evaluation of and provision of access to the archive materials and processing of bibliographies related to Czech literature of the 19th and 20th centuries,
g) studies in the field of Czech literary history and literary theory and work in the field of literary lexicography.

2nd Sub-programme

Scientific and documentary evaluation of economic, social, historical and cultural aspects of development of Czech audiovisual works

a) evaluation of the current economic state of Czech audiovisual works,
b) professional elaboration of the historic development of Czech audiovisual works and its definition in respect of the broader social context,
c) critical editions of film resources and documentation of the film culture in the Czech Republic,
d) strategy of support in the area of audiovisual works in the Czech Republic and EU Member States, comparison, analysis of effectiveness and impacts of the individual

models.

3rd Sub-programme:

Analytical and sociological studies of the current state of culture in the Czech Republic and abroad

a) economic environment of the current culture in the Czech Republic – evaluation of effectiveness of the arts and culture industry in the Czech Republic,
b) artist, arts and the perception of arts, concept of development of arts in the Czech Republic,
c) cultural diversity and national identity after the accession of the Czech Republic to the EU,
d) comparative study of professional and non-professional artistic activities in selected EU Member States.

***4th Sub-programme*:**

Analytical studies of the development of mass media in Czech society and abroad

a) comparative study of mass media regulation in the EU Member States,
b) analysis of the self-regulation and co-regulation function in the media sector,
c) scientific evaluation of the role of the national and regional media in the Czech Republic, taking into account media consumption in the individual social groups and individual regions,
d) scientific evaluation of the share of the media in the life-style changes and analysis of the role of both traditional and new media.

4) Bases for and reasoning of the programme and of its sub-programmes:

The draft of the new programme of earmarked support for research and development in the area of music art, the creative arts, dramatic art, in the area of literature and in the area of mass media and audiovisual means for the period of 2006-2011 is based on valid legal regulations, namely Act No. 130/2002 Coll., on support for research and development from public funds and amending certain related laws (Act on Support for Research and Development), as amended, Government Regulation No. 461/2002 Coll., on earmarked support for research and development from public funds and on public tenders in research and development, Government Regulation No. 267/2002 Coll., on the information system in research and development, and further on the main principles of the Cultural Policy approved by Government Resolution No. 40 of 10 January 2001, namely Section 5 – promote scientific and research work in delimited areas of culture at a level comparable to other fields of science, or Section 44 – increase care of the film heritage and its popularisation. These areas of cultural activity have not been regulated to date by any specific and coherent concept formulated in writing. In preparation of the draft of the new research programme for 2006-2011, the Ministry of Culture based its considerations, in particular, on the recommendations and proposals of the stakeholders from amongst the expert public, represented, in addition to the members of councils of the research programme ending in 2005, also by scientific institutions, institutions of higher education and other scientific organisations and establishments (Departments of Musicology at universities in Prague, Brno and Olomouc, Department of Musicology of the Institute of Ethnology of the Academy of Sciences of the Czech Republic, Music Faculty of the Academy of Performing Arts, Theatre Institute, Departments of Theatre Science at universities in Prague, Brno and Olomouc, Department of Theory of the Theatre Faculty of the Academy of Performing Arts, Theatre Department of the Moravian Museum in Brno and Silesian Museum in Opava, Czech Association of Art Historians, Institute of Art History of the Academy of Sciences of the Czech Republic, Departments of the History of

Art at universities in Prague, Brno and Olomouc, Academy of Fine Arts, Academy of Arts, Architecture and Design, Departments of Literary Science at universities in Prague, Brno and Olomouc, Institute of Czech Literature of the Academy of Sciences of the Czech Republic, Monument of National Literature, Society of Czech Writers, National Information and Consulting Centre for Culture, Department of Cultural Studies of the Faculty of Philosophy and Arts, Charles University in Prague, Faculty of Social Studies and Faculty of Humanities, Charles University in Prague, Philosophical Faculty of Palacký University in Olomouc). The draft of the new research programme follows up on the "Scientific and Documentary Evaluation of Development of Czech Music Art, Theatre Art and the Creative Arts, Czech Literary History, Theory and Review – Profiles of Authors, Personages, Institutions" and "Long-term Research and Scientific Evaluation of Development of Mass Media and Audiovisual Means of Information Society" research programmes, both implemented in 1998-2005.

5) Objectives of the programme, its sub-programmes and the expected benefits, evaluability of the programme

The objective of the programme lies in:

a) gaining and evaluation of new knowledge on the development and reception of Czech music art, theatre art, the creative arts and literature and applying this knowledge in the professional and general educational process and in the governmental practice including the support for cultural production and creation of the State cultural policy,
b) acquisition and evaluation of new knowledge from the field of development of audiovisual works and media and applying this knowledge in the formation of the State media policy, strategy for development of the audiovisual industry, within the professional educational process and for the purposes of training.

Objectives and benefits of the 1st Sub-programme

<u>The objective of the sub-programme lies in:</u>

- drawing up critical editions of musical resources guaranteeing the protection, preservation and accessibility of a reliable music text as an instrument for the respective author and music repertoire, which is a precondition determining his/her position and frequency in the respective national music culture or position in current international musical activity,
- the creation of thematic catalogues and databases of modern music sources for the preparation of large edition projects in the area of musicology,
- processing missing parts and areas of the history of theatre in the Czech Republic (history of Czech opera theatre of the 19th and 20th centuries, qualified reflections of current theatre, history of theatre ballet companies in the 20th century) taking into account the fundamental and significant social and artistic events focused, not only on history, but also on the theory and aesthetics of theatre in the Czech Republic (i.e. not only in Czech, but also in the German and Polish languages),
- the preparation of dictionary and encyclopaedic publications for the area of theatre arts, lexicographic processing of the history of Czech theatre of the 20th century as a fast and easily accessible source of information for the public,
- the scientific evaluation of sources in the creative arts in the period from the 17th century to the present including professional reflection of applied art, design and new media,
- dealing with selected estates of leading personages of Czech literature of the 19th and 20th centuries within the so-called genetic literary history (e.g. critical editions of the mutual

correspondence between prominent personages of literary culture, scientific evaluation of scheduled personal libraries of prominent writers, book designers, publishers or other collectors for interdisciplinary utilisation),

- professional interpretation and evaluation of personages and directions of modern literature in the form of analytical and synthetic studies, dictionaries and reference books with an emphasis on an interdisciplinary approach (philosophy, history, sociology, cultural sciences, etc.).

The expected benefits of the sub-programme will include, in particular :

- provision for the identification, documentation, protection, accessibility and presentation of the preserved cultural heritage in the individual areas of the arts (music art, the creative arts, theatre art and literature).

Objectives and benefits of the 2nd Sub-programme

The objective of the sub-programme lies in:

- drawing up an analysis of the existing methods of awarding grants in media and cultural policies of European countries and evaluation of their efficiency,
- drawing up proposals for the preservation and development of cultural diversity and local creativity,
- the creation of critical editions of yet unprocessed sources in the area of film and documentary works,
- processing the historic development of Czech audiovisual works.

The expected benefits of the sub-programme will include, in particular:

- provision for the identification, documentation, protection, accessibility and presentation of the preserved cultural heritage in the area of audiovisual works,
- collection of up-to-date analytical information for the formulation of a cultural policy in the area of audiovisual works including the possibility of further utilisation in the concept and creation of the legislative framework in the Czech Republic.

Objectives and benefits of the 3rd and 4th Sub-programmes

The objectives of the 3rd and 4th Sub-programmes lie in:

- the creation of analytical and sociological studies dealing with the economic aspects of the current cultural supply and demand in the Czech Republic focused on dramatic arts, art of the dance, creative arts, music arts, film arts, literary arts, etc. and determination of the proportion of professional and non-professional arts in the artistic and cultural industry in the Czech Republic, investments and profits (including multiplication effects), from the point of view of comparison of the individual entities (State – regions – towns – private organisations – non-profit organisations), the influence of foreign competition and the impact of financing from foreign and European Union sources,
- evaluation of the artist's integrative role in the pluralism of values, attitudes and identities, detection of risks and potential adverse consequences of further development, and creation of information bases for the formulation of the State cultural policy,
- processing information materials for the decision-making sphere and supporting documents for the specification of the State cultural policy,
- processing the identification and analysis of possible risks leading to disintegration

tendencies and to the social and cultural marginalisation of certain segments of national culture,

- processing the specification of the social and cultural potential of the Czech Republic after the accession to the EU, including the supporting documents for the strategy against the depopulation of the country,
- the evaluation of missing statistical data for the area of professional and non-professional artistic activities as a basis and criterion for decision-making processes on public support for these activities,
- gaining and evaluation of new knowledge on the current state of culture in the area of the sociological, culturological and legal aspects of mass media in the Czech Republic with special regard to social and economic changes in the Czech Republic after the accession to the EU in accordance with the needs of the expert public, schools and practice,
- drawing up analytical and sociological studies on the role and influence of the media, the impacts of technological development, evaluation of the individual legal approaches to the mass media regulation and on economic aspects of cultural supply and demand in the Czech Republic focused on the audiovisual area, investments and profits (including multiplication effects) from the point of view of comparison of the individual entities, influence of foreign competition and impact of financing from foreign and European Union sources.

The expected benefits of the sub-programme will include, in particular:

- the collection of analytical information for the formulation of a cultural policy,
- the creation of bases for more effective investments in arts and culture by the State, regions, towns, private and non-profit organisations, and the creation of an information base for the stimulation of further development of the domestic artistic and cultural industry in connection with foreign competition and cultural diversity,
- the creation of an analysis of strategic planning of the development and utilisation of culture and the arts in the regions and large municipalities in the Czech Republic, evaluation of the level of compliance with and differences from the State cultural policy,
- recognition of the openness and accommodation of the Czech society in the new conditions for uniting Europe,
- the collection of proposals for the establishment of an effective grant system and for the preservation and development of cultural diversity and local creativity, the creation of an information base for all levels of public administration involved in awarding grants and the determination of a basis for the preparation of methods of evaluating grants and efficiency of utilisation of the awarded funds.

Comprehensive evaluation of the whole programme will be carried out on the basis of an assessment of the results achieved in the framework of the individual sub-programmes. If the objectives of the sub-programme are not achieved, such sub-programme and the entire programme as a set of sub-programmes will be evaluated as unfulfilled.

6) Comparison with the current state of affairs in the Czech Republic and abroad

The current state of research in the area of the arts, mass media and audiovisual works in 1998 – 2005 was determined and affected to a large degree by the achieved results of the research programmes terminating in 2005 (or 2003, for the area of mass media and audiovisual works)

that were financially supported from public funds provided by the chapter administrator to the beneficiaries from the State budget.

A number of significant projects has been implemented within the programme for the support of research in the area of arts and these projects are relevant, not only for the research of arts in the Czech Republic but often, also abroad (e.g. special dictionaries and encyclopaedias, monographs on prominent artists, critical editions of works of art, etc.). The announcement of the analytical and sociological themes necessary for the reflection of Czech cultural development after 1989 was literally a ground-breaking step, especially in a situation when the State does not have its own direct instruments for similar analyses. In 1998-2005, a total of 83 scientific and research projects were successfully resolved in the area of the arts.

Especially successful and thought-provoking projects included the following, for example: *Czech Theatre Encyclopaedia* (Theatre Institute) – the volumes *Dance, Ballet, Pantomime* have been completed, *Biographical Dictionary (Older Czech Theatre)*, *Music Theatre in the 19th Century*, *Czech Genology* (Faculty of Education, Charles University, Prague), *Dear Václav, Dear František. A Critical Edition of Correspondence between František Hrubín and Václav Černý from 1945–1953* (Monument of National Literature), *Genius Sepulcralis. Sepulchral Art in Central Bohemia 1780–1830* (Institute of Classical Studies ASCR), *Artwork of Stanislav Judl* (PhDr. Pavla Pečinková), *Basic Terms of Theatre* (Faculty of Philosophy and the Arts, Charles University in Prague), *Database of Personages of Czech Belles Lettres Translation after 1945* (Encyklopedický dům, s.r.o.), *The Karasek Collection - Part One* (Monument of National Literature), *Czech Official Creative Arts in the Period of 1948-1958* (Mgr. Terezie Petišková), *Topography of Czech Amateur Theatre* (IPOS), *Library of Literary Theory* (Host, s.r.o.), *Czech Dictionary of Musicians and Musical Institutions* (Faculty of the Arts, Masaryk University, Brno), *Preparation of a Critical Edition of the Artwork of Antonín Dvořák* (Institute of Ethnology of the Academy of Sciences of the Czech Republic), *Music Listeners in the Czech Republic* (Faculty of Arts, Masaryk University, Brno), *Structure and Form of Financial Flows in the Sphere of Art and Evaluation of their External Economic Influences on the Example of Theatres Outside Prague in the Czech Republic* (Juraj Hon – Marketing Laboratory).

The mentioned projects were well received both by the expert and by the general public, in particular in reviews in professional magazines; the results of sociological and analytical studies, in addition to being an information source for the public, also serve as a basis for strategic materials and other activities of the Ministry of Culture. According to the current information, the objectives of the existing programme were fulfilled, i.e. in particular the supplementation of research in areas that had been deliberately omitted under communist rule, and mapping of the primary consequences of the social changes after 1989 in the area of the arts and culture in general.

The present research programme, also focused on the mass media and audiovisual works, has made it possible to carry out initial studies in areas that have not yet been examined closely. Within this programme, terminated in 2003, 3 research projects, relevant not only for research in the Czech Republic, but also for foreign research, were implemented.

In the area of the arts (music, literature, the creative arts, theatre), it is impossible (in contrast to other activities in society, e.g. public health, agriculture, industry, etc.) to uniquely determine the trends or priorities of the sector, which are monitored by research and development on an international scale. According to the proposed programme, the research and development should, in respect of the mentioned fields, identify and define the content of the fields under review through the accepted and resolved projects, as a source of knowledge and presentation of a national cultural identity and independence within the globalisation and integration of the

European society in the structures of the European Community and on the world-wide scale. International cooperation of the teams of researchers in resolving the projects under the mentioned programme is not excluded; however, it is generally not expected to be a standard. In the case of interest of foreign entities, the results of the resolved projects should be utilizable for their needs as a source of information; the core international cooperation is anticipated in the area of publishing or in another form of presentation.

The mass media and audiovisual means are typical for their variability resulting from the development of technologies, the market and society itself. Research in these areas is a world-wide trend; the EU and significant international organisations (e.g. UNESCO, the Council of Europe, European Audiovisual Observatory) pay great attention to this trend. The European Commission has ordered a number of studies to evaluate certain aspects of the mass media and audiovisual means, in particular with regard to technological development. A similar procedure may also be expected in the future. The Czech Republic must therefore adopt measures that will enable the monitoring and evaluation of these aspects and thus ensure the creation of prerequisites for the effective and modern exercise of the media policy. Therefore, the proposed programme also includes the research of Czech audiovisual works. In addition to benefits to the field itself, the programme will also contribute to the performance of important tasks in the department, namely the improvement of care for the film heritage and its popularisation.

The new programme organically follows up on the programme ending in 2005 (for the area of the arts) or the programme that terminated in 2003 (for the area of the mass media and audiovisual works) and further develops and increases their objectives because the given areas have been scientifically processed partly or have not been examined at all (e.g. Czech audiovisual works). A very important aspect of the new programme consists in emphasis on the pan-European context of research in the arts and research of the area of mass media and audiovisual means strengthened by the membership of the Czech Republic in the EU, and in emphasis on the interdisciplinary interconnection of the results of the individual research projects in a uniform system in accordance with the current requirement for encyclopaedic processing of the scientific knowledge.

7**) The expected expenditures for the programme**

The financial support for the individual sub-programmes will be provided in stages. The **1st and 3rd Sub-programmes will be financially supported in 2006-2011**; the **2nd and 4th Sub-programmes** of the research programme **will be financially supported in 2008-2011.**

The figures in the table are in thousands of CZK

Year / Sub-programme	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	Total
1	1,300	2,365	2,173	2,173	2,273	2,376	**12,660**
2	0	0	200	400	400	100	**1,100**

3	700	1,100	1,000	1,000	900	800	**5,500**
4	0	0	200	300	300	100	**900**
Total in individual years	**2,000**	**3,465**	**3,573**	**3,873**	**3,873**	**3,376**	**In total 20,160**
Expenses for evaluation of projects	**46**	**80**	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	
Total for the Programme	**2,046**	**3,545**	**3,573**	**3,873**	**3,873**	**3,376**	**20,286**

Comments on the programme expenditures are provided on page 25 in the section "Total Planned Expenditures on all Departmental Programmes of the Ministry of Culture for 2006-2011".

4th Programme

1) Programme title:

Testimony of the collections of Czech, Moravian and Silesian museums and galleries about the natural and cultural heritage of Europe

Programme identification code: **DE**

2) Date of announcement and term of the programme:

The research programme **will be announced in 2005 for the period of 2006-2011,** so that the support for the selected projects within this programme will commence in January 2006 and terminate in December 2011.

3) Division of the programme into sub-programmes:

The programme is divided into 3 sub-programmes dealing with:

***1st Sub-programme*:**

Scientific processing of natural substances from museum collections from the viewpoint of geological development and past as well as current biodiversity of the Czech Republic

Scientific processing of geological, mineralogical, paleontological, botanical (mycological, bryological, dendrological), entomological and zoological collections of museums from the viewpoint of their ability to testify about the development of nature in Central Europe.

2nd Sub-programme:

Scientific processing of collections related to social sciences, literature and the arts from the viewpoint of cultural diversity of the Czech Republic

Scientific processing of the collections of museums and galleries from the viewpoint of their benefit to the knowledge of cultural diversity, regional and local specifics, direct European relations or mere analogies.

3rd Sub-programme:

Evaluation of scientific knowledge in the area of analytical and conservation technologies used in the protection of museum items (museum and gallery collection items)

Conservation and analytical technologies used for the protection of museum items in the Czech Republic in the context of development of this area in the EU Member States.

4) Basis for and reasoning of the programme and its sub-programmes:

The draft of the new programme of earmarked support for research and development in the area of protection of movable cultural heritage, museums and galleries for 2006-2011 is based on valid legal regulations, in particular Act No. 130/2002 Coll., on support for research and development from public funds and amending certain related acts (Act on Support for Research and Development), as amended, Government Regulation No. 461/2002 Coll. on earmarked support for research and development from public funds and on public tenders in research and development, Government Regulation No. 267/2002 Coll., on the information system in research and development, Act No. 122/2000 Coll., on the protection of museum collections, as amended, and further on the valid strategic materials of the Ministry of Culture, namely the Strategy of Improved Care for Movable Cultural Heritage in the Czech Republic for 2003-2008 approved by Government Resolution No. 87/2003, the Strategy of Research and Development in the Sector of

Culture, Strategy of Improved State Support for Culture (as amended by Government Resolution No. 40/2001), and on the proposals and recommendations of the members of the Council of the Programme of the Ministry of Culture for Evaluation of Research and Development Programme Projects in the Area of Protection of Movable Cultural Heritage, Museums and Galleries.

The need for this programme is driven by the effort to gain knowledge of the diversity of the European natural and cultural environment, which is the attribute of the "Old Continent" and whose preservation is the key prerequisite both for the sustainable development of the environment and for the harmonious development of a European multi-cultural society. The basic prerequisite for the possibility of influencing the development of diversity of the natural cultural environment in Europe in future consists in the knowledge of its development in the past. An irreplaceable (and often unrecognised) role in this cognitive process is also played by museum pieces, collection items preserved mainly in museums and galleries. This follows, on the one hand, from the very substance of a museum piece as one of the significant media of historic memory and, on the other hand, from the substance of the professional selection, which has formed a basis for their sets – museum collections - for more than 200 years. However, this source of knowledge must also be preserved in a manner ensuring the preservation of the physical substance of the museum pieces and, to the maximum possible extent, its ability to testify about nature and society. This requires knowledge and continuous implementation of new technologies and conservation and restoration methods.

A markedly new element incorporated into the research programme relating to research and development in the area of modern conservation and analytical technologies used for the protection of cultural heritage items quite logically follows from the results achieved in the currently ending research programme and will enable to deal with certain consequences following from these results. Provision for this part of the programme is in accordance with the similar process of implementation of the announced programmes within the Ministry of Education, Youth and Sport.

The draft of the new programme follows up on the research programme ending in 2005, which will be evaluated in 2006. Based on partial evaluation of this programme, it may be stated that the knowledge of movable cultural heritage forming an integral part of national and regional museum and gallery collections has successfully and significantly improved. However, this represents only part of the cognitive processes in the systems of protection of movable cultural heritage, museums and galleries, the potential of which (as the very nature, substance and quantity of the research items implies) neither is nor may be entirely exhausted. Other requirements of the research of movable items of cultural value, museum and gallery collections and funds that form a basis of sources for the natural and social sciences remain unaffected.

5) Objectives of the programme, its sub-programmes and the expected benefits, evaluability of the programme

The objective of the programme lies in:

a) evaluation of the collection items from the points of view of history, history of arts, literature, science, technology and industry, diversity of the cultural variety of the life of society and its cultural manifestations and diversity of the natural environment,
b) presentation of the acquired results through specific forms of museum exhibitions, programmes and publications and through the provision of selected public educational services to the broadest public as an effective way of creating a relationship between this society and the natural and cultural resources of the Czech Republic within the European context, thus also increasing interest in their preservation and development for future

generations,

c) proposal of new, modern conservation and analytical technologies for the protection of items of cultural heritage (museum collections).

The benefit of the research programme lies in the new perception of museum collections, not only as the component part of the "cultural treasure" of the Czech Republic, as was mostly the case to date, but also as a "cultural treasure" of Europe in a manner that enables to distinguish items that are common in Europe, items that are different in individual parts of Europe and items representing merely random analogies. An emphasis on diversity will enable to acquire bases for building the fundamentals of a "common house", representing the ideal state of the environment as a prerequisite for sustainable development.

Objectives and benefits of the 1st Sub-programme

The objective of the sub-programme lies in:

- acquiring new knowledge in the execution of documentation, records and revisions of the collection funds of natural substances and reference data in museums,
- new research methods and technologies in study directly at the selected locations and their verification,
- the evaluation of museum collections as the basis of sources monitoring the development of diversity of the natural environment in this part of the territory of Central Europe,
- the presentation of results in the form of exhibitions, lectures, publications, scientific articles and studies.

The expected benefits of the sub-programme will include, in particular:

- increasing the base of knowledge of nature, which may be applied in the school education,
- improving the quality of public services (by presenting the results corresponding to the current degree of knowledge) provided to the public by museums and galleries in the form of museum exhibitions, programmes and publications that will be of significant importance for the continuing education and leisure activity of citizens,
- updates of information for the decision-making of the governmental authorities,
- new knowledge beneficial for the preservation of endangered parts of nature in the Czech Republic and for the presentation of the Czech Republic and the importance of its territory for the preservation of diversity of the natural environment.

Objectives and benefits of the 2nd Sub-programme

The objective of the sub-programme lies in:

- acquiring new knowledge in the execution of documentation, records and revisions of the collections from the fields of social sciences, literature and arts,
- the evaluation of the collections as the basis of sources monitoring the development of diversity of the cultural environment in the territory of Central Europe,
- the presentation of results in the form of exhibitions, lectures and publications including scientific articles and studies.

The expected benefits of the sub-programme will include, in particular:

- increasing the basis of the knowledge of society, which may be applied in the school education,
- improving the quality of public services (by presenting the results corresponding to the current degree of knowledge) provided to the public by museums and galleries in the form of museum exhibitions, programmes and publications that will be of significant importance for the continuing education and leisure activity of citizens,
- updates of information for the decision-making of the governmental authorities,
- acquiring new knowledge for the preservation of endangered items of cultural heritage in the Czech Republic and for the presentation of the Czech Republic and the importance of its territory for the preservation of diversity of the cultural environment.

Objectives and benefits of the 3rd Sub-programme

The objective of the sub-programme lies in:

- the proposal and verification of new conservation and analytical technologies and methods or possibly patents, and their practical application in the broader area of conservation and protection of the movable cultural heritage (diagnosed, conserved and renovated items of cultural heritage, or the handover of the developed or verified technologies to organisations maintaining the cultural heritage), that will correspond to the level of results achieved in foreign scientific institutions in this field.

The expected benefits of the sub-programme will include, in particular:

- the reduction of the existing marked underdevelopment of research and development in the area of modern conservation and analytical technologies used for the conservation of museum collections in the Czech Republic in the context of development in this area in the EU Member States,
- the education of the missing base of researchers in the area of the conservation and restoration of items of cultural heritage (museum collections) and the application of new knowledge in the continuing education within this profession.

Comprehensive evaluation of the whole programme will be carried out on the basis of the assessment of the results achieved in the framework of the individual sub-programmes. If the objectives of the sub-programme are not achieved, this sub-programme and the entire programme as a set of sub-programmes will be evaluated as unfulfilled.

6) Comparison with the current state of affairs in the Czech Republic and abroad

Over the last 9 years (since 1996), the current state of research in the area of the conservation of movable cultural heritage, museums and galleries has been determined and affected to a large degree by the results of the research programme ending in 2005, which is financially supported from public funds provided by the chapter administrator to the beneficiaries from the State budget. The programme that will terminate in 2005 is oriented toward the scientific processing of natural substances from museum collections from the point of view of changes in the environment from which the natural substances were and are extracted, professional presentation of the acquired knowledge and information from the collection funds in the area of social sciences, publication of results in the form of exhibitions and new museum expositions, application of various forms of the collection presentation, execution of the necessary conservation and restoration works with the new technologies. The focus of the programme (and

the projects accepted in its framework) corresponded to the intentions of the provider, i.e. to ensure the maximum possible exploitation of the movable cultural heritage for the purposes of research and development in the entire, extremely wide spectrum of branches of science represented in museum and gallery collections (social science, arts and history, natural science, technical science, etc.). By implementation of the programme in stages, the submitting party supported the development of scientific work in all types of museums and galleries (national, specialised, regional) as the basis for improving the quality of presentation of collection funds in the form of expositions, exhibitions, publications or through modern media. The funds for the support for research within the concluded programme have been used for financing certain significant projects, the results of which are of international significance and represent educational contribution in the form of the presentation of the results at seminars, lectures in museums and at universities, and at international conferences and congresses. We can, by way of example, mention the "Glory of Baroque Bohemia" exhibition, researcher doc. Dr. V. Vlnas, National Gallery (1999-2001); Scientific Documentation and Presentation of Social and Cultural Development in the Czech Lands in the Period Circa 1000: Participation in the international exhibition Europas Mitte um 1000, researcher PhDr. E. Šimek, National Museum (2000-2001); Preventive Protection of Archaeological Metal Objects and New Methods of Conservation of Museum Collections, researcher RNDr. I. Čejková, National Museum (1999-2001). The provider's intention was also to support scientific processing of the currently little known collection funds or collections that require scientific reassessment over time (e.g. Czech Gothic Stove-Tiles Bearing Religious Motifs, History and Development of Fire-fighting Technology, Technical Monument - Hauling Steam Engine and the Machine Room of the Anna Mine at Březové Hory, etc.).

The new programme directly follows up on these programmes, but is oriented toward acquiring knowledge of diversity of the natural and cultural environment in Europe. The research programme is based on similar programmes in other countries (e.g. Spain), which also pursue the path of gaining knowledge and documentation of the "national resources" to contribute to the natural and cultural diversity of Europe and the world.

The current state of the research and development of modern methods and technologies in the area of the conservation and restoration of museum collections and in the area of diagnostics of the material of these items in the Czech Republic is pathetic. The basis of the research and development in this area (State Restoration Studios), built in the past (before 1989) on the basis of certain concepts (even if wrong) disintegrated completely without continuation and without the creation and implementation of a new concept. The resolution of problems of protection of museum collections, especially parts relating to the conservation/restoration and material/scientific evaluation of items, in the modern interpretation applied in the developed EU Member States, requires a markedly interdisciplinary approach. This requires team cooperation of specialists from various branches, including provision for the respective technical, personnel and methodology aspects. The current situation in museums and galleries in the Czech Republic does not allow the individual experts to resolve these problems within the given institutions. Currently, there is no specialised interdisciplinary scientific and research establishment in the Czech Republic that would resolve, on a targeted and systematic basis, such broadly defined directions of research and development with state-of-the-art approaches to the problems of protection of a significant part of the cultural heritage – museum collections – if possible in direct continuity from the establishments of the individual museums. Museums and galleries still deal with issues requiring demanding specialised research and development, as well as the application of modern and financially intensive methods in the area of the protection of museum collections, in a limited

extent through fragmented, narrowly specialised cooperation with scientific institutes and higher education institutions (e.g. Institute of Chemical Technology, Prague, Masaryk University in Brno, Brno University of Technology, Technical University Liberec, establishment of the Academy of Sciences of the Czech Republic in Řež u Prahy, etc.). Also in this branch, a base of a young, as well as middle-aged, generation of scientists and researchers is virtually non-existent. These aspects have a highly adverse effect on the State and level of research and development in this branch and thus also on the future preservation and protection of a significant part, in terms of quality and quantity, of the cultural heritage of the Czech Republic.

The situation in the developed EU Member States is very different from the situation in the Czech Republic. In these Member States, there are specialised research and educational institutes or a network of such institutes or research centres that have been engaged, on a long-term basis, in Earmarked and systematic research and development in this area with a view to integrating activities while preserving the European cultural heritage. These include, by way of example: "Netherlands Institute for Cultural Heritage" (Netherlands), "Institute of Art Technology and Conservation" (Germany), "The International Institute for the Conservation of Historic and Artistic Works" (London, UK) or the "Canadian Conservation Institute" (Canada), "The Getty Conservation Institute" (USA), "Smithsonian Centre for Materials research and Education", (USA) and many others.

The new programme will provide a solution to this situation in research and development in the Czech Republic with a new concept that will make it possible to deal with problems formulated in a targeted and systematic manner.

7) The expected expenditures on the programme

The figures in the table are shown in thousands of CZK

Year / Sub-programme	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	Total
1	666	2,073	2,770	2,500	2,000	1,000	**11,009**
2	1,084	3,597	4,137	2,800	2,400	1,000	**15,018**
3	250	350	1,324	3,982	5,042	7,200	**18,148**
Total in individual years	**2,000**	**6,020**	**8,231**	**9,282**	**9,442**	**9,200**	**In Total 44,175**
Expenses for evaluation of projects	46	130	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	To be determined, maximum up to 2.5%	
Total for the Programme	**2,046**	**6,150**	**8,231**	**9,282**	**9,442**	**9,200**	**44,351**

Comments on the programme expenditures are provided on Page 25 in the section "Total Planned

Expenditures on all Sectoral Programmes of the Ministry of Culture for 2006-2011".

The following applies to all above-mentioned new sectoral research programmes:

Criteria for including a project in a sectoral programme of the Ministry of Culture

A party applying for the inclusion of a project in the sectoral programme must register its project in a public tender procedure announced within the approved sectoral research programme. The terms, procedure and organisation of announcement of the public tender procedure and the subsequent process of acceptance and evaluation of the registered projects are regulated by the applicable legislation (Act No. 130/2002 Coll. and Government Regulation No. 461/2002 Coll., as amended) and specified in detail in the Order of the Minister of Culture No. 26/2003, as amended.

The basic criteria for evaluation of a research project include:

- compliance of the project's objective with the objectives of the approved sectoral programme or its sub-programme,
- quality of the project (working hypothesis, originality of the project and of its solution),
- professional qualifications of the applicant and its team of researchers,
- equipment of the workplace,
- scientific value of the project and expected benefit for the sector of culture or international benefit,
- appropriateness and effectiveness of expenses for the project solution,
- compliance with all other terms stipulated in the announcement of the particular public tender.

Types of results of research and development that the provider will recognise as relevant from the point of view of evaluation of projects that have been accepted and supported from public funds within the approved research programmes:

a) articles in the impacted and in selected reviewed scientific magazines; professional books or articles (chapters) in professional books or collections in the Czech or foreign languages,

b) “patent” – results protected by industrial and legal protection and other similarly protected results, prototypes, pilot plants, verified technology, etc.,

c) articles in a professional periodical,

d) applied outputs such as audiovisual works, electronic documents published exclusively in a computer-readable form (e.g. documents published exclusively on CDs), documents available exclusively through the internet, WEB presentations,

e) arrangement (organisation) of a conference, workshop, exhibition and other cultural and educational activities (e.g. lectures, workshops).

Total Planned Expenditures for all Sectoral Programmes of the Ministry of Culture for 2006-2011

Financial support from public funds for implementation of particular research projects of basic and applied research, except industrial research, within the research programmes for 2006-2011 is expected to be provided in the annual volumes stated below. These expenditures from public funds also represent the total expenditures on the programme because, in accordance with the provisions of Section 2 (a) of Government Regulation No. 461/2002 Coll., on earmarked support for research and development from public funds and on public tenders in research and development, the share of earmarked support in the eligible expenses of the project will equal 100%.

In 2006 and 2007, the expenditures from the programme for the support for project solutions will depend on the binding limits set by the State in respect of expenditures from the State budget for research and development within the competence of the Ministry of Culture. For the period of 2008-2011, earmarked programme expenditures reflect the respective year-to-year increase in an amount of 5% of the total expenditures for research and development from the budget chapter entitled Culture, as accepted by the Research and Development Council through a letter dated 18 November 2004 from the Deputy Prime Minister and Chairman of the Research and Development Council, Ing. Martin Jahn.

As indicated in the conclusion of the letter, we anticipate that the increase in expenditures of the research programmes in 2008-2011 will be covered from the total volume of expenditures for research and development.

The figures in the table are shown in thousands of CZK

Year / Programme	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	Total

1	2,494	3,854	8,446	10,545	11,335	2,929	**39,603**
2	2,046	3,545	9,000	15,000	12,000	2,495	**44,086**
3	2,046	3,545	3,573	3,873	3,873	3,376	**20,286**
4	2,046	6,150	8,231	9,282	9,442	9,200	**44,351**
Total in individual years	**8,632**	**17,094**	**29,250**	**38,700**	**36,650**	**18,000**	**In Total 148,326**