

BULGARIA

SURVEY QUESTIONNAIRE: CULTURAL AND SCIENTIFIC HERITAGE INVENTORY AND DIGITISATION IN SOUTH-EASTERN EUROPE

Explanatory note: the purpose of his survey *is to collect information related to the current state of work on cultural and scientific heritage inventories and digitisation in South-Eastern Europe in order to:*

- *Facilitate the contacts between the institutions in South-Eastern Europe, working in the field, and ease their participation in joined activities.*
- *Provide with guidance and specific inputs for the analysis as well as recommendation and proposals.*
- *Find areas in greatest need for cooperation.*
- *Define possibilities for exchange of expertise.*

Part 1: Bodies Responsible for Cultural and Scientific Heritage Inventory and Digitisation

1. Governmental bodies

Which ministries, agencies and other governmental bodies are responsible for preservation, building inventories in traditional and digital form, digitisation of cultural and scientific heritage?

(Please fill in one table for each body).

Note:

In Bulgaria there are 127 museums (regional, public and departmental), 45 galleries (national and public), 6 of which are in Sofia. According to non actualized and not available for common use database, there are 40 000 monuments of culture, incl. immovable heritage, which makes Bulgaria third largest heritage collection after Italy and Greece. At the same time Bulgaria is the only state in EU lacking uniform museums/galleries register, uniform informational system, connecting them, nor actualized database for the cultural heritage as a whole. There is no National digitization strategy neither, nor Law for Heritage.

- Bulgarian Cultural Policy: <http://www.culturalpolicies.net/web/bulgaria.php>

<i>Name:</i>	1. Ministry of Culture NATIONAL INSTITUTE FOR THE MONUMENTS OF CULTURE (НИИПК)
<i>Address:</i>	Sofia 1000, bul. "Al. Stamboliiski" 17
<i>Website:</i>	No web site (!!!)
<i>Contact person:</i>	Georgi Ugrinov
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	The National Institute for the Monuments of Culture is specialized in immovable heritage preservation. The institute, which consists of appr. 40 experts, is engaged in control and coordination of finding, research, documenting, conservation, restoration, display and popularization of all buildings with status "monuments of culture". It holds the National scientific-documentary archive of Bulgarian immovable historical heritage (ННДА). The Archive includes the National register of immovable monuments of culture (not in digital form yet), list of all declared objects and all other documents, related to immovable cultural values. The NIMC identifies, declares, categorizes and registers immovable monuments of culture in RB. In 2007 NIMC were granted BGN 20,000 for monitoring the state of the buildings at risk.
<i>References to documents (laws, policies), including web references where applicable:</i>	1. Law for protection and development of Culture (2000) (33PK) http://law.dir.bg/reference.php?f=zzrk-99 2. Law for monuments of culture and museums; (3IIKM) http://law.dir.bg/reference.php?f=zpkm-69 3. Spatial Planning Act 4. Historic Buildings Act

<i>Key projects (finished or under development):</i>	No information available
<i>Involvement in international cooperation</i>	No information available
<i>Additional remarks:</i>	<i>"In this country there are so many threatened by collapse and decay so adequate measures are to be taken urgently. Some of the obstacles before their preservation and conservation. In the national authority - the National Institute, there are about 40 experts for the whole country. We cannot attract young specialists as the pay is very low for this qualification and they need additional training. On the other hand the two acts - the Spatial Planning Act and the Historic Buildings Act until recently had opposing texts but we hope to have things changed with the recent amendments"</i> Georgi Ugrinov

<i>Name:</i>	2. Ministry of Culture Dept. "MUSEUMS, GALLERIES AND FINE ARTS"
<i>Address:</i>	Sofia1000, bul. "Al. Stamboliiski" 17
<i>Website:</i>	http://mc.government.bg/page.php?p=58&s=67&sp=72&t=0&z=0
<i>Contact person:</i>	Rusko RUSEV, Director, Room. 320, (+359 2) 94 00 918 Fax: (+359 2) 980 61 97. E-mail: nemgii@mail.bg
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	Control and coordination of activities and work of national/regional museums and galleries; organizing concourses, discussions and making recommendations.
<i>References to documents (laws, policies), including web references where applicable:</i>	1. Law for protection and development of Culture (2000) (33PK) 2. Law for monuments of culture and museums; (3PIKM) 3. Law for patronage; (3M)
<i>Key projects (finished or under development):</i>	No information available
<i>Involvement in international cooperation</i>	No information available
<i>Additional remarks:</i>	No

<i>Name:</i>	3. Ministry of Culture Dept. „PRESERVATION OF IMMOVABLE MONUMENTS OF CULTURE”
<i>Address:</i>	Sofia1000, bul. "Al. Stamboliiski" 17
<i>Website:</i>	http://www.mc.government.bg
<i>Contact person:</i>	Borislav Abadjiev, Director, (+359 2) 940 09 97
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	Creation of inventory of cultural monuments of national importance
<i>References to documents (laws, policies), including web references where applicable:</i>	Law for protection and development of Culture (2000) (33PK) http://law.dir.bg/reference.php?f=zzrk-99
<i>Key projects (finished or under development):</i>	<ul style="list-style-type: none"> ○ Since 2006. Working group for preparation of Law of Culture. ○ Since June 2007. Preparation of a pilot project for “Digitization of Bulgarian Museums Collections” – in collaboration with Dr. Idris, Director General of World Intellectual Property Organization (WIPO) ○ Since July 2007, ~BGN 500 000 were given for 650 projects in the frames of a concurs held in May 2007 under the title: “Digitization of museum collections of the state and municipal museums”

	<ul style="list-style-type: none"> Since November 2007. The ministry granted BGN 2 000 000 BGN to more than 1 000 Bulgarian libraries for enriching their collections.
<i>Involvement in international cooperation</i>	UNESCO, Central European Initiative, Council of Europe, Organisation Internationale de Phrankophonie
<i>Additional remarks:</i>	<i>Bulgaria still doesn't have a Law for the Heritage, although the Constitution of the country (Art. 23) requires the creation of such law.</i>

<i>Name:</i>	4. Ministry of Culture Dept. "PRESERVATION OF MOVABLE MONUMENTS OF CULTURE "
<i>Address:</i>	Sofia1000, bul. "Al. Stamboliiski" 17
<i>Website:</i>	http://mc.government.bg/page.php?p=58&s=67&sp=72&t=0&z=0
<i>Contact person:</i>	Todor Chobanov, Director; Room 501, (+359 2) 94 00 955
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	No information available
<i>References to documents (laws, policies), including web references where applicable:</i>	Law for protection and development of Culture (2000) (33PK) http://law.dir.bg/reference.php?f=zzrk-99
<i>Key projects (finished or under development):</i>	No information available
<i>Involvement in international cooperation</i>	No information available
<i>Additional remarks:</i>	No

<i>Name:</i>	5. Ministry of Culture NATIONAL CENTRE FOR MUSEUMS, GALLERIES & FINE ARTS (НЦМГН)
<i>Address:</i>	Sofia1000, bul. "Al. Stamboliiski" 17 3 rd floor, room 319, Phone; (+359 2) 94 00 918
<i>Website:</i>	There is no web site
<i>Contact person:</i>	Rumian Ganchev, Director
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	Specialized in the movable cultural heritage issues. Its basic aim is to realize the state policy in the field of museums and galleries. The centre organizes implements and supervises all activities, related to research, preservation, exhibition, and popularization of movable cultural heritage collections. It disposes with an automated information system for all collections, stored at museums and galleries. The centre allocates the state subsidies dedicated to: creation of new exhibitions, conservation and restoration, registration and scientific description of movable heritage items, buying off of precious artifacts, etc.
<i>References to documents (laws, policies), including web references where applicable:</i>	
<i>Key projects (finished or under development):</i>	7 priorities of the National Centre for Museums, Galleries & Fine Arts 1. Preservation and control of movable cultural heritage items. 2. Planning and control of museum related activities. Museum management, marketing and advertisement. 3. New exhibition policy. Presentation of movable heritage exhibits in the country and abroad

	4. Creation and education of future museum public. 5. Training, licensing and categorization of museum specialists. 6. Providing contacts with tourism. 7. Support of museums and galleries through project financing.
<i>Involvement in international cooperation</i>	
<i>Additional remarks:</i>	There is no unified museum software. The possibilities of information technologies are not sufficiently used. Museum and gallery buildings are often not suitable for exhibiting collections. The preservation of the exhibits is far from being reliable. More than 80% of museum exhibitions are outdated. Lack of practice to organize temporary exhibitions. Unsatisfactory results in the education of the future museum public. Cultural heritage disciplines are not taught in the schools. Lack of an effective museum management, marketing and advertisement. Museums don't offer services.

<i>Name:</i>	6. Ministry of Culture National Fund "CULTURE"
<i>Address:</i>	1040 Sofia, 17 "Alexander Stamboliiski" Blvd. Phone: (+359 2) 988 58 26; Fax: 980 61 90; e-mail:office@ncf.bg
<i>Website:</i>	http://www.ncf.bg
<i>Contact person:</i>	Mirena Staneva – expert
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	The National Culture Fund was established by the virtue of Culture Protection and Development Act and its activity started in November 2000. Its main objective is to support the development of culture by raising, managing and spending funds for the purpose of pursuing the national policy in the field of culture as set forth in the Program of the Government of the Republic of Bulgaria for the respective period and in the Culture Protection and Development Act. The priorities in NCF activity are also in compliance with the criteria set forth in Chapter "Culture & Audio-visual Policy" of the EU Accession Treaty of Bulgaria.
<i>References to documents (laws, policies), including web references where applicable:</i>	EU Accession Treaty of Bulgaria
<i>Key projects (finished or under development):</i>	<ul style="list-style-type: none"> ○ Cultural Contacts Program "Mobility" ○ "Critique Literature" Program ○ "Scholarships" Program ○ "Debuts" Program ○ "Translations" Program ○ "Authentic Folklore" Program supporting the living intangible cultural heritage ○ "Specializations" Program - granting funds for foreign specializations of the Bulgarian high art schools alumni ○ "Public Forum" Program for developing regional strategy models for sustainable development of cultural heritage
<i>Involvement in international cooperation</i>	Not mentioned on the web site
<i>Additional remarks:</i>	No

<i>Name:</i>	7. MINISTRY OF EDUCATION AND SCIENCE
<i>Address:</i>	Sofia 1000, bul. "Knjaz Dondukov" 2A
<i>Website:</i>	http://www.minedu.government.bg/opencms/opencms
<i>Contact person:</i>	Albena Vutzova, Director, Department "Scientific Research" Phone: (+359 2) 9217 647

<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	Funding allocation is the basic responsibility of the the department. Projects related to the digitization of cultural and scientific heritage are also financed, thus creating possibilities for implementing the national policy in the field and for establishment of international cooperation.
<i>References to documents (laws, policies), including web references where applicable:</i>	National Strategy for European Integration The Lisbon Convention
<i>Key projects (finished or under development):</i>	Human resources
<i>Involvement in international cooperation</i>	Participation at numerous international programs and projects
<i>Additional remarks:</i>	No

<i>Name:</i>	8. Ministry of Transport and Telecommunications State Agency for Information Technologies and Communications (ДАИТС)
<i>Address:</i>	Sofia 1000, Gurko str. No. 6
<i>Website:</i>	http://www.daits.government.bg
<i>Contact person:</i>	Dr. Plamen Vachkov, Chairman
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	The main objectives of the State Agency are to act as a State supervisor and State policy maker in the field of IT.
<i>References to documents (laws, policies), including web references where applicable:</i>	Law for stimulation of the scientific research http://www.nsfb.net/system/storage/ZNNI.RTF Law for administrative regulation of production and commerce with optical disks and other storage media, consisting objects of Copyright protection http://law.dir.bg/reference.php?f=zarodm05
<i>Key projects (finished or under development):</i>	Dept. "Innovation and projects": Only for one year (2006) 21 big investing projects (BGN 12 470 000) and 24 scientific innovative projects (BGN 122 580) were realized.
<i>Involvement in international cooperation</i>	Coordination of the participation of the Republic of Bulgaria in the activity of the specialized international and regional organizations in the ICT area, such as International Telecommunication Union, Universal Postal Union, European Conference of Postal and Telecommunications Administrations In the field of the information technology, telecommunications and postal services the Republic of Bulgaria has signed bilateral Agreements for cooperation with the following countries: the Republic of Albania, the Republic of Armenia, the Socialist Republic of Vietnam, the Republic of Greece, the State of Israel, the Republic of India, the Republic of Cyprus, the People's Republic of China, the Republic of Cuba, the Republic of Macedonia, the Republic of Moldova, the Republic of Portugal, Romania, The Russian Federation, The Republic of Slovakia, the Republic of Slovenia, Malta, the Republic of Turkey, the Republic of Hungary. There are ongoing negotiations with a number of other countries for signing bilateral Agreements for cooperation. In order to maintain an active bilateral cooperation in the ICT area bilateral working groups and committees have been established with the following countries: the Russian Federation, Romania, the Republic of Korea, the Republic of India, the Republic of Slovakia.
<i>Additional remarks:</i>	No

2. Research organisations

Which research organisations are active in the fields of preservation, building inventories in traditional and digital form, digitisation of cultural and scientific heritage?

(Please fill in one table for each organisation).

<i>Name:</i>	Ministry of Education and Science National Council for Scientific Research
<i>Address:</i>	Sofia 1000, bul. "Knjaz Dondukov" 2A
<i>Website:</i>	http://www.nsfb.net/?id=44
<i>Contact person:</i>	Chairman: Mr. Daniel Valchev, e-mail: nsfb.net@gmail.com , Tel./Fax: +359 2 981 14 04
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	The main objective of the Council is to stimulate the scientific Research
<i>References to documents (laws, policies), including web references where applicable:</i>	Law for stimulation of the scientific research http://www.nsfb.net/system/storage/ZNNI.RTF http://law.dir.bg/reference.php?f=znni-03
<i>Key projects (finished or under development):</i>	<ol style="list-style-type: none"> 1. Introduction of the Charter and the Codex of the scientists in the practice of Bulgarian Universities and research 2. Twinning Light Project with the University of Pisa: objectives: to strengthen the administrative capacity in view of the forthcoming FP7 by improving the IT infrastructure, providing analysis, training events and seminars 3. Foresight Bulgaria 4. SEE-ERA-NET Bulgaria 5. Scientists in the European Knowledge Society (REKS project). 6. Regional Research Cooperation prosperity to ERA
<i>Involvement in international cooperation</i>	
<i>Additional remarks:</i>	No

<i>Name:</i>	Institute for Mathematics and Informatics - BAS
<i>Address:</i>	Sofia 1113, Acad. Georgi Bonchev Str., Bl. 8
<i>Website:</i>	http://www.math.bas.bg
<i>Contact person:</i>	Dr. Milena Dobрева, Department "Humanities Informatics" Dr. Nikola Ikononov, Department "Humanities Informatics" Tel.: (+359) 2 979 2809; http://www.math.bas.bg/digi e-mail: milena.dobрева@gmail.com , nikononov@gmail.com
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	Numerous completed and ongoing projects in the field of digitization, First Digitization line in Bulgaria
<i>Key projects (finished or under development):</i>	<ul style="list-style-type: none"> ○ Digitization of archive documents ○ Digitization of rare books ○ Digitization of old newspapers ○ Digitization of musical periodic ○ Digitization of audio archives ○ Creation of XML tools for cataloguing of manuscripts ○ Automatic generation of metadata

	<ul style="list-style-type: none"> ○ Digital Data Curation and Preservation ○ Ontology based search ○ Tools for Image enhancement and search
<i>Key publications in the field of inventory and digitisation:</i>	
<i>Additional remarks:</i>	No

<i>Name:</i>	Institute of Information Technologies - BAS
<i>Address:</i>	1113 - Sofia Acad. G. Bonchev St., Block 2
<i>Website:</i>	http://www.iit.bas.bg/
<i>Contact person:</i>	Georgi Gluhchev, PhD, Deputy Director, Tel. + (359 2) 870 64 93; 979 39 41 e-mail: gluhchev@iinf.bas.bg
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	<ul style="list-style-type: none"> ○ Pattern recognition ○ Development of OCR techniques for digitization of manuscripts and rare printed books
<i>Key projects (finished or under development):</i>	
<i>Key publications in the field of inventory and digitisation:</i>	
<i>Additional remarks:</i>	No

<i>Name:</i>	Institute of Fine Arts - BAS
<i>Address:</i>	
<i>Website:</i>	http://www.iit.bas.bg/
<i>Contact person:</i>	Ljubomir Kavalldjiev, PhD , Chair of department: Information Systems in Musical Culture . Tel. (+359 2) 9863214 29, Fr. Nansen St., Sofia 1000, Bulgaria mailto:sscor@trbg.net
<i>Brief description of the competencies of the body in the field of Cultural and Scientific Heritage Inventory and Digitisation:</i>	
<i>Key projects (finished or under development):</i>	<ol style="list-style-type: none"> 1. INTERNET multimedia database for Bulgarian folklore music (since 1995) - over 15000 records including lyrics, music, graphics and video) available at: http://musicart.imbm.bas.bg/Default-bg.htm. The initial version has been awarded in 1997 (First award for regional project under the GIP initiative of the European Commission, G7 and Japan). 2. BULGARIAN ACADEMIC MUSIC PORTAL <p>DATABASES for Bulgarian music culture and academic musicology (2003-2004). The project is realized through a competition carried out by the Culture National Fund. Its objective is to ensure Internet access to the multimedia information about Bulgarian musical culture and academic musicology</p>

	systematized in several databases. The main objective is to realize in the shortest time an essential, scientifically applicable and widely accessible result. The program product is an open system and provides opportunities for adding and enlarging the search through other fields, which are research subjects in the Music Sector of the Institute of Musicology, as well as through information sources from other departments of the Bulgarian Academy of Sciences, and from other cultural and educational institutes possessing collections of scientific and cultural information about Bulgarian art and music.
<i>Key publications in the field of inventory and digitisation:</i>	
<i>Additional remarks:</i>	No

3. Repositories (MLA¹ institutions)

Which repositories are undertaking preservation, building inventories in traditional and digital form, digitisation of cultural and scientific heritage?

<i>Name:</i>	General Department of Archives
<i>Address:</i>	1000 Sofia, 5 Moskovska str.
<i>Website:</i>	http://www.archives.government.bg
<i>Contact person:</i>	Mr. Nikolaj Markov, Expert Tel.: (+359 2) 9400101, 9400120, 9400176, Fax: (+359 2) 980 14 43 E-mail: daa@archives.government.bg
<i>Brief description of the scope of resources stored/covered by traditional inventories/covered by digital inventories/digitised:</i>	The General department of archives at the Council of Ministers (GDA) it's the state institution in Republic of Bulgaria that performs in national scale the policy on the collection, the preservation, the organization and the use of archival documents with historical value. Normative base: Law of State archival fund (State gazette n. 54, 12.07.1974)
<i>Brief description of computer platforms applied in inventory/digitisation work:</i> <ul style="list-style-type: none">• conformance to standards• use of software - commercial or homemade• quality requirements and assurance• existence of workflows	MS Windows based computers in a nationwide LAN. The Archive uses WINISIS archiving system. Mass digitization is still not done. No workflows are available yet. Mass digitization is expected to start soon with the support of the Institute for Mathematics and Informatics. Pilot projects, related to parts of the archive, and to publication of CDs with archive materials have been done using international standards. All software is commercial.
<i>Key projects (finished or under development):</i>	
<i>Involvement in international cooperation</i>	To 1960 The General department of archives is member category A of the International council of Archives to UNESCO and participates in his activities and the ICA international forums as congress, round table's conferences etc. Since the establishment of EURBICA, the European branch of ICA in 2000 GDA is a regular constant member.
<i>Additional remarks:</i>	

¹ MLA – Museum, Libraries, Archives

<i>Name:</i>	Scientific Archive of the Bulgarian Academy of Sciences
<i>Address:</i>	"15 November" Str. №1, 1040 Sofia
<i>Website:</i>	http://archiv.cl.bas.bg
<i>Contact person:</i>	mailto: mailto:archiv1@cl.bas.bg
<i>Brief description of the scope of resources stored/covered by traditional inventories/covered by digital inventories/digitised:</i>	The archive stores resources related to the long and rich history of the Bulgarian Academy of Sciences. Private collections of famous Bulgarian scientists, documents
<i>Brief description of computer platforms applied in inventory/digitisation work:</i> <ul style="list-style-type: none"> • conformance to standards • use of software - commercial or homemade • quality requirements and assurance • existence of workflows 	MS Windows XP; MS Office
<i>Key projects (finished or under development):</i>	International interchange of microfilms of archive documents.
<i>Involvement in international cooperation</i>	Participation at joint projects with Romanian and Russian scientific Organizations.
<i>Additional remarks:</i>	No digitization activities are undertaken.

<i>Name:</i>	St.St. Cyril and Methodius National Library
<i>Address:</i>	Sofia 1037, 88 Vasil Levski blvd
<i>Website:</i>	http://www.nationallibrary.bg
<i>Contact person:</i>	Assoc. Prof. Alexandra Dipchikova, Tel. 988 28 11/304] E-mail: dipchikova@nationallibrary.bg
<i>Brief description of the scope of resources stored/covered by traditional inventories/covered by digital inventories/digitised:</i>	The St. St. Cyril and Methodius National Library is the National Library of Republic of Bulgaria. It is the biggest library in Bulgaria and the oldest cultural institute
<i>Brief description of computer platforms applied in inventory/digitisation work:</i> <ul style="list-style-type: none"> • conformance to standards • use of software - commercial or homemade • quality requirements and assurance • existence of workflows 	Standard computer equipment Nemetschek document management system DocuWare
<i>Key projects (finished or under development):</i>	<ul style="list-style-type: none"> ○ Digitized archive of Marin Drinov, one of the founders of the Academy (joint work with the Institute of Mathematics and Informatics) ○ Digitized archive of IMI (joint work with the Institute of Mathematics and Informatics)
<i>Involvement in international cooperation</i>	

<i>Additional remarks:</i>	Digitization and cataloguing is still in an early phase
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<i>Name:</i>	Regional National Library "Ivan Vazov"-Plovdiv
<i>Address:</i>	Avksentij Veleshki Str. 17
<i>Website:</i>	http://www.libplovdiv.com
<i>Contact person:</i>	тел. (032) 62-29-15 (032) 62-50-46; тел/факс (032) 62-47-25 E-mail: nbiv@libplovdiv.com, nbiv@evrocom.net
<i>Brief description of the scope of resources stored/covered by traditional inventories/covered by digital inventories/digitised:</i>	The Library stores more than 1,500 000 units
<i>Brief description of computer platforms applied in inventory/digitisation work:</i> <ul style="list-style-type: none">• conformance to standards• use of software - commercial or homemade• quality requirements and assurance• existence of workflows	Standard Microsoft based PCs
<i>Key projects (finished or under development):</i>	1. Online catalogues 2. Digitization of old printed books (the project is done jointly with the Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences, where the scanning of the books and the image enhancement are performed) 3. Virtual information system
<i>Involvement in international cooperation</i>	American-Bulgarian library exchange.
<i>Additional remarks:</i>	No

<i>Name:</i>	Pencho Slavejkov Public Library-Varna
<i>Address:</i>	34, Slivnitsa 9000 Varna
<i>Website:</i>	http://www.libvar.bg
<i>Contact person:</i>	Managing Director: Mrs. Emiliya Staneva-Milkova 34, Slivnitsa Blvd., 9000 Varna, phone/fax +359 52 659 136 E-mail: office@libvar.bg
<i>Brief description of the scope of resources stored/covered by traditional inventories/covered by digital inventories/digitised:</i>	The Library possesses 800 000 volumes of books, periodicals and others in its structural departments. Fifty specialists of high qualification in different fields of science - bibliography and library science humanities, computer engineers work in the library. The technological library processing of the books and documents and some of the readers' services have been computerized since 1990. The library

	<p>provides both conventional and computer catalogue of:</p> <ul style="list-style-type: none"> • books in Bulgarian and in foreign languages; • periodicals publications; • reference information; • information about Varna and its region; • rare books and books of true merit; <p>Internet access and e-mail services have been provided to the users since 1993. These instruments are used for interlibrary loans and other services, as well.</p>
<p><i>Brief description of computer platforms applied in inventory/digitisation work:</i></p> <ul style="list-style-type: none"> • conformance to standards • use of software - commercial or homemade • quality requirements and assurance • existence of workflows 	<p>DOS 6.22. Novel 3.11</p> <p>Clipper-based system (there is no official standards, YFA uses its own description system)</p>
<p><i>Key projects (finished or under development):</i></p>	<p>A network application based on Delphy+SQL is under development</p>
<p><i>Involvement in international cooperation</i></p>	
<p><i>Additional remarks:</i></p>	

<p><i>Name:</i></p>	<p>Central Library of the Bulgarian Academy of Sciences</p>
<p><i>Address:</i></p>	<p>1040 Sofia, 15 Noemvri Str. 1</p>
<p><i>Website:</i></p>	<p>http://www.cl.bas.bg</p>
<p><i>Contact person:</i></p>	<p>Managing Director: Mr. Dincho Krustev Telephone: (+359 2) 987 89 66; (+359 2) 989 84 46, ext. 251 Telephone/Fax: (+359 2) 986 2500 E-mail: library@cl.bas.bg</p>
<p><i>Brief description of the scope of resources stored/covered by traditional inventories/covered by digital inventories/digitised:</i></p>	<p>The Central Library of Bulgarian Academy of Sciences (CL of BAS) is a multibranch academic/research library nationally responsible for the creation and the organization of a national library collection in pure and applied sciences, social sciences, humanities. It ensures library and information services for the researchers and the specialists from the Bulgarian Academy of Sciences and the country with Bulgarian and foreign scientific literature, data bases in the fields of mathematical, physical, chemical, biological, Earth and technical sciences, the humanities and the social sciences.</p> <p>The Central Library organizes and manages a network of 47 special libraries of the research units of the Academy.</p> <p>The Central Library is a special unit of BAS with a statute of legal entity. periodicals publications;</p>
<p><i>Brief description of computer platforms applied in inventory/digitisation work:</i></p> <ul style="list-style-type: none"> • conformance to standards • use of software - commercial or homemade 	<p>Standard PC equipment</p> <p>Library System: ALEPH</p>

<ul style="list-style-type: none"> • <i>quality requirements and assurance</i> • <i>existence of workflows</i> 	
<i>Key projects (finished or under development):</i>	
<i>Involvement in international cooperation</i>	Interlibrary exchange
<i>Additional remarks:</i>	

Part 2. Legislative framework and technical guidance

Please describe briefly basic legislative and other official documents related to cultural and scientific heritage inventory and digitization.

(Please fill one table for each separate document).

1. Legislative framework

ARCHIVES

<i>Title of the document (in original language and translation in English):</i>	Закон за държавния архивен фонд Law for the State Archive Fund
<i>Authoring body (bodies):</i>	Parliament
<i>Reference (bibliographical and to a website):</i>	http://www.econ.bg/law86422/enactments/article118764.html (in Bulgarian)
<i>Brief description of the issues related to Cultural and Scientific Heritage Inventory and Digitisation:</i>	This law regulates the organization and activities of the state Archive Fund related to the collection, registration, publication, preservation, and the use of archive documents.
<i>Additional remarks:</i>	

MUSEUMS

<i>Title of the document (in original language and translation in English):</i>	Закон за на паметниците на културата и музеите. Law for the cultural monuments and the museums (from 1969, last amendment 2005).
<i>Authoring body (bodies):</i>	Ministry of culture
<i>Reference (bibliographical and to a website):</i>	www.mrrb.government.bg/docs/doc_333.doc
<i>Brief description of the issues related to Cultural and Scientific Heritage Inventory and Digitisation:</i>	This law regulates the development of museum related activities. It concerns the exploration, the research, the preservation and popularization of cultural monuments on the territory of Bulgaria.
<i>Additional remarks:</i>	

LIBRARIES

<i>Title of the document (in original language and translation in English):</i>	<ul style="list-style-type: none"> - Закон за закрила и развитие на културата (1999) (Law for protection and development of culture) - Закон за народните читалища (1996) (Law for the community centers) - Закон за задължителното депозиране на екземпляри от печатни произведения и други материали (2002) (Law for the obligatory deposit of copies of printed matters and other materials) - There is no law for the Librarianship
<i>Authoring body (bodies):</i>	Ministry of culture
<i>Reference (bibliographical and to a website):</i>	http://www.lib.bg/proekti/zakon.htm
<i>Brief description of the</i>	

<i>issues related to Cultural and Scientific Heritage Inventory and Digitisation:</i>	
<i>Additional remarks:</i>	

2. National, regional or local inventories of cultural and scientific heritage assets
(Please fill one table for each inventory).

<i>Responsible body</i>	Regional National Library “Ivan Vazov”-Plovdiv
<i>Type of cultural and scientific heritage assets:</i>	Books, magazines, newspapers, maps
<i>Technologies used in building inventories:</i>	Electronic catalogue Data base
<i>Conformance to standards:</i>	yes
<i>Availability of the inventory in electronic form (reference to electronic resources, estimation of the coverage of assets):</i>	http://www.libplovdiv.com/catalogue/ still insufficient coverage of available items

<i>Responsible body</i>	Central Library of the Bulgarian Academy of Sciences
<i>Type of cultural and scientific heritage assets:</i>	Books, magazines, newspapers, maps
<i>Technologies used in building inventories:</i>	Electronic catalogue Data base
<i>Conformance to standards:</i>	yes
<i>Availability of the inventory in electronic form (reference to electronic resources, estimation of the coverage of assets):</i>	http://www.libplovdiv.com/catalogue/ the electronic catalogue includes all acquired library documents in the library network of BAS from 01.01.2003

<i>Responsible body</i>	Institute for Bulgarian Language
<i>Type of cultural and scientific heritage assets:</i>	Magnetic tapes, storing the dialectological archive of Bulgarian Language
<i>Technologies used in building inventories:</i>	List (on paper)
<i>Conformance to standards:</i>	no
<i>Availability of the inventory in electronic form (reference to electronic resources, estimation of the coverage of assets):</i>	no

<i>Responsible body</i>	Institute of Fine Arts (Bulgarian Academy of Sciences)
<i>Type of cultural and scientific heritage assets:</i>	<ul style="list-style-type: none"> • Authentic Bulgarian Music folklore • Music publications • Music performance
<i>Technologies used in building inventories:</i>	Data base. Web portal (http://musicart.imbm.bas.bg/)
<i>Conformance to standards:</i>	Yes
<i>Availability of the inventory in electronic form (reference to electronic resources, estimation of the coverage of assets):</i>	http://musicart.imbm.bas.bg/BM-online.html http://musicart.imbm.bas.bg/p/s-en-1.asp http://musicart.imbm.bas.bg/bimi/search-type-en.html http://musicart.imbm.bas.bg/#DB

Based on the information provided on inventories, is it possible to make an estimation of the current level of coverage of inventory work (what percentage of cultural/scientific heritage assets is covered, what share is available in digital form)? What is the most urgent effort which has to be done – e.g. regulatory framework changes, development of national standards/guidelines, trainings targeted to MLA institutions?

3. Availability of technical guidelines

Please list existing guidelines, recommendations and other documents which set up rules for work on:

<i>Digital inventories on</i> <ul style="list-style-type: none"> • written cultural heritage • immovable heritage • intangible heritage 	There are no general guidelines for digitization of cultural heritage. Each institution, which undertakes a digitization project, uses its own rules and quality requirements. One of the basic aims of the Digitization Centre at the Institute of Mathematics and Informatics is to overcome this setting by providing common guidelines and ensure their dissemination throughout the country. Staff training is also planned.
<i>Documentation on cultural and scientific heritage:</i>	There are no guidelines and rules for the documentation on cultural and scientific heritage.
<i>Digitisation (image capture, metadata, text encoding):</i>	International standards, guidelines and best practices are used in the process of image capturing, metadata generation and text encoding (TEI compliant).
<i>Long-term preservation:</i>	This issues are still not developed in the country
<i>Right issues (copyrights, intellectual property rights):</i>	According to the copyright law: http://www.bcnl.org/doc.php?DID=75
<i>In which areas additional training of specialists is needed?</i>	<ul style="list-style-type: none"> ○ Digitization standards for different types of heritage ○ Best practices ○ Data preservation and curation.

Based on the information provided on availability of guidelines, is it possible to formulate which areas need most urgent measures to be taken to provide sets of guidelines?

Part 3: Regional cooperation in the digitization of cultural and scientific heritage

1. Proposals for possible regional cooperation

Please list one or more projects.

(Please fill one table for each project proposal)

<i>Project title</i>	Further development of the SEE Digitization Initiative
<i>Possible participants</i>	All countries from the region
<i>Project aims</i>	
<i>Expected results</i>	Strengthen exchange of know-how between participants at the initiative using following instruments: <ul style="list-style-type: none"> • Regional meetings; • SEEDI-conferences • Broadening the digitization related activities. • Active dissemination of results • Participation at joint regional projects

<i>Project title</i>	Data preservation and data curation
<i>Possible participants</i>	
<i>Project aims</i>	
<i>Expected results</i>	

<i>Project title</i>	Digitization of Audio archives
<i>Possible participants</i>	
<i>Project aims</i>	
<i>Expected results</i>	

Based on the information provided, project proposals can be summarized and prepared for future joint activities. This can be considered especially useful for the FP7 of the EC, where the regional dimension will be a priority