



Small Scale Operations Programme
DLUS (Digital library of the University of Sarajevo)
Contract N° RE/BIH/07/62/99

Objectives of the Project:

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Development of a digital library in cooperation of two faculty libraries of the University of Sarajevo with the National and University Library of BiH and the University Library of Stuttgart

Expected impact:

Update of the university of Sarajevo to the standards in scientific research as common in the western world. Promotion of education as a necessary link to enable the economic reconstruction of BiH and for the development of bi- and multilateral economic relationships.

Identification of beneficiaries:

**University of Sarajevo, its faculties, institutions, and members (professors and students)
National and University Library of BiH (staff)
Canton Sarajevo (its inhabitants, corporations and firms),
educational system of BiH**

d) Project Description and time-schedule

Building of a digital library at the University of Sarajevo with assistance of the University Library of Stuttgart

In order to help the University of Sarajevo to establish the latest standards in information and library science for academic research the building of a digital library will be carried out as a joint venture of the National and University Library of Bosnia-Herzegovina (NUB) and the University Library of Stuttgart (UBS). The aim of this project is to make the same electronic resources available for the University of Sarajevo which the UBS provides for the University of Stuttgart.





Different steps are planned to achieve this aim. From the beginning of the project the UBS will provide its services and electronic resources for the NUB, so that the University of Sarajevo will benefit immediately. Single components of the digital library will be set up in Sarajevo then, replacing the services of the UBS. In the end the NUB will be able to run a independent digital library for the University of Sarajevo.

The following components of the digital library are planned:

- **Online Public Access Catalog (Opac)**
- **Distributed servers to run subject specific databases (Online, CD-ROM-Net, ReDi)**
- **Access to electronic Journals (EZB)**
- **Electronic document order and delivery (LEA)**
- **Publishing of electronic and multimedia documents (OPUS)**

Except for LEA which is currently being established, all components are in operation at the University of Stuttgart.

In the long run all components are intended to be installed at the NUB to achieve a networked independent digital library at Sarajevo thus. The University of Sarajevo will be brought up to latest standards in information and library science available at the universities of Baden-Wuerttemberg.

Beside the NUB the Faculty for Economic Sciences and the Faculty for Natural Sciences and Mathematics will take part in the project. The participating faculties will bring an strong user-oriented approach to the realisation of the project. Their evaluation and feedback will constantly be influencing the further progress of the project.

Step 1:

Enhancement of the personal and technical infrastructure.

Technical infrastructure

- **Installation of sufficient PCs and printers at the NUB and both faculties**
- **Installation of an intranet for the NUB and both faculties as well as fast and stable network connections to the German Research Network (DFN)**

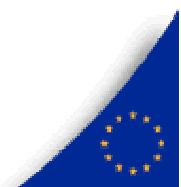
Personal infrastructure

- **Establishing a qualified network and PC administrator at the NUB**
- **Opac and online database training of NUB staff**

Step 2:

Cooperative cataloging

One important prerequisite for the building of a digital library is access to all forms of publications from an online catalog. One possible solution for the University of Sarajevo as a whole could be an active participation in the union catalog COBISS-BiH (Sarajevo), in which the NUB has already cataloged most of its holdings. The Faculty for Economic Sciences runs one of the largest libraries on campus as well as some networked PCs with internet connections. The Faculty for Natural Sciences and Mathematics is currently establishing networked computers. Therefore the holdings of both faculty libraries should be cataloged into COBISS-BiH first.





Step 3 (planned as a new project):
Document order and delivery

Requests for journal articles by academic staff which can not be satisfied by the NUB or the faculty libraries can be ordered electronically from the UBS by the NUB. The NUB should check bibliographic data via UBS-opac or the union catalog for south-west Germany. Printed journals held by the UBS or online journals without license restrictions are available thus. Processing of the requests will be done with LEA, a local DOD-system at the UBS. A local installation of LEA at the NUB can be established in a separate project provided that an effective university intranet has been set up then.

Step 4 (planned as a new project):
Access to subject specific databases

As an enhancement of step 3 the NUB will be given access to selected databases available via the local CD-ROM-net of the UBS or the regional project ReDi. Subject specific retrieval is possible thus. The selection of databases will be coordinated with the participating faculties. Articles will also be supplied electronically to the NUB using LEA.

Step 5 (planned as a new project):
Electronic journals

With this step the NUB gains access to licensed electronic journals. They are available via the electronic journal library (EZB) at the University of Regensburg. Articles are accessible in full-text and can immediately be delivered to members of the academic staff. This will replace partly electronic document order and delivery. The selection of journal titles should satisfy the most urgent needs of the participating faculties. However for financial reasons the selected journals should also be part of the titles already licensed by the UBS.

The University of Sarajevo guarantees to take the financial and general responsibility for the enhanced internet connectivity to the German Research Net after the end of the second period of the project. Licenses for access to online databases within the German Research Net could be funded thus. After the end of the fifth period of the project the University of Sarajevo will take the financial responsibility for these licenses as well, which means it will also be completely responsible for database selection.

