

# **Sino-German “Digital Information Provision”**

## **Collaborative Group**

### **Program Plan (2008)**

#### **Chief Investigators:**

**Mr. Uwe Rosemann**, German National Library of Science and Technology (TIB), Welfengarten 1B, D-30167 Hannover, Germany

tel: 49-511-762-2531

fax: 49-511-762-2686

email: uwe.rosemann@tib.uni-hannover.de

**Mr. Xiaolin Zhang**, National Science Library, Chinese Academy of Sciences, 33 Beisihuan Xilu, Haidian District, Beijing, China

tel: 86-10-82628347

fax: 86-10-82626611

email: zhangxl@mail.las.ac.cn

According to the application of “Digital Information Provision” collaborative group, and based on the collaboration activities of the group in 2007 (see the attachment 1), the group will implement the collaborative research in 2008 in the following aspects:

#### **Cluster 1: Cross Domain Information Services**

**Project number: 0101**

**Project category: Document Delivery**

**Project name: subito China Direct**

#### **Project partners:**

- Subito, Germany (Contact person: T. Braun-Gorgon)
- Shanghai Library, China (Contact person: Qi Zhang)
- National Science and Technology Library, China (Contact person: Ping Jia)
- China Academic Social Science and Humanities Library, China, (Contact person: Long Xiao, Zhiying Guan)

#### **Project aims:**

- Document delivery services of Chinese material for registered libraries in Germany and integration of Chinese partners in subito services.
- Integration of Subito library service for Chinese libraries.
- Establish accounting procedures for smooth operation.

**Project steps:**

- Working proposals by March 2008
- Preparation of organization and techniques by Nov.2008
- Start service by March 2009

**Project budget (those covered by the collaboration program):**

- Visit of Two Chinese collaboration team leaders (selected from the 3 partner organizations) to Subito in 2008 for discussion of collaboration details.
- Visit of one Subito representative to Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of Chinese collaboration partners in 2008 Program conference to be held in Germany.

**Project number: 0102****Project category: Internet Resources****Project name: Collaborated Agricultural Information Portals****Project partners:**

- German National Library of Medicine, Nutrition, Environment and Agriculture (Contact person: U. Korwitz)
- Agricultural Information Institute, Library, Chinese Academy of Agricultural Sciences (Contact person: Jiezheng Pi)

**Project aims:**

- Sharing of resources and services (ILL or via Subito)
- Constructing subject portals:
  - Exchange of relevant WWW sources to be considered for crawling and mirroring of important pdf-documents
- Collaboration in portal research, exchange experiences in the organization of search engines and subject information.
- Common work on AGROVOC thesaurus

**Project steps:**

- Preliminary visits in 2007/08 and proposals by March 2008
- New testing portal by Nov.2008
- New portal starting service by March 2009

**Project budget (those covered by the collaboration program):**

- Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

**Project number: 0103****Project category: Portals****Project name: Collaborated Humanities and Social Sciences Portal**

**Project partners:**

- Berlin State Library (Contact person: M. Kaun)
- National Library of China(Contact person: Zhigeng Wang)

**Project aims:**

- Cooperation in the field of Humanities and Social Sciences concerning access to e-resources
- Enhancement of the visibility of Chinese e-content (non-commercial) in Chinese and European libraries
- Exchange of metadata of non-commercial e-content
- Enquiry on local hosting strategies for Chinese (commercial & non-commercial) e-content to improve its accessibility
- Enquiry on (a) new search engines (common index) for commercial & non-commercial content

**Project steps:**

- Proof of the initial outline(Nov. 2007-Jan. 2008)
- Proposal by March-June. 2008
- Development of the test portal by Nov. 2008
- Operational Portal by Nov 2009

**Project budget (those covered by the collaboration program):**

- Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

**Project number: 0104**

**Project category: Portals**

**Project name: vascoda**

**Project partners:**

- vascoda (vascoda e.V./TIB, contact person: Mrs. Burblies)
- National Science Library (NSL, Mr. Fang Shu)

**Project aims:** Exchange and integration of metadata from Chinese subject portals into vascoda portal as a case study (and vice versa)

**Project steps:** vascoda workshop in 2008

**Project budget:** Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details

## **Cluster 2: Retro-Digitisation and Digital Curation**

**Project number: 0201**

**Project category: Retro-Digitization**

**Project name: Collaboration in Digitization Standards and Procedures**

**Project partners:**

- Göttingen State and University Library (Contact person: Heike Neuroth)
- Bavarian State Library (Contact person: Gregor Horstkemper)
- National Library of China (Contact person: Yigang Sun)
- National Science Library (Contact person: Zhixiong Zhang)

**Project aims:**

- Identify the content to be digitized
- Define a medium-sized test-bed for digitization, analyze and evaluate the whole workflow
  - Agree on common standards etc.
  - Agree on a common workflow tool (eg. GOOBI) and other tools (eg. for OCR)
  - Agree on automatic or semi-automatic metadata extraction procedure and criteria (descriptive and technical metadata)
  - Agree on quality management (eg. define quality criteria, control mechanism)
- Contribution to international discussion on quality standards for digitisation of cultural heritage (eg. WDL)
- Digitisation Testbed / Content
  - China: Images, Photos ... (archival material)
  - Germany: Printed books etc.
  - Subject: History of Sciences (science & technology)
  - Digitizing: NSL (GOOBI). TUL (GOOBI), BSB & SUB

**Project steps:**

- Working proposal by March 2008
- Testing tools and contents by Nov.2008
- Report on tests and results by March 2009

**Project budget (those covered by the collaboration program):**

- Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

**Project number: 0202**

**Project category: Digital Curation**

**Project name: Collaboration in Practices of Digital Curation**

**Project partners:**

- National Library of China (Task1, 3, 4, Contact person: Zhigeng Wang)
- Tsinghua University Library (Task4, Contact person: Chengyu Zhang)
- National Science Library (Task 1, 2, 3, 4, Contact person: Zhixiong Zhang)
- German National Library (Task1, 4, Contact person: Thomas Wollschläger)

- Göttingen State and University Library (Task1, 2, 4, Contact person: Stefan Strathmann)
- Bavarian State Library (Task2, 3, Contact person: Gregor Horstkemper)

**Project aims:**

- Task 1: How much metadata is needed? Concentration on technical metadata only!
  - Identify tools for specific formats
  - Identify relevant technical metadata standards
  - Evaluate how much minimal metadata is enough for migration (eg. PDF, TIFF)
- Task 2: Agree on criteria for certifying the whole preservation environment & audit and certify special aspects in reality
  - Identify and evaluate existing criteria catalogues (eg. trac, Drambora, NESTOR)
  - Try to identify potential bodies responsible for certifying
  - Perform test audits for special aspects of digital preservation
- Task 3: Developing a criteria catalog to help choosing an archival system (e.g. Fedora, dSpace ...)
  - Identify and evaluate existing criteria / attribute catalogues (eg. OSI, NESTOR)
  - Define requirements for archiving system (eg. commercial or open source)
  - Develop a matrix for decision making considering an appropriate long-term archiving system
- Task 4: Identify and Evaluate Workflows and Tools
  - Compare the existing workflows and tools in both countries, and identify common workflow processes
  - Identify procedures to form a trusted workflow
  - Recommendations for a trusted workflow and underlying supporting tools

**Project steps:**

- [Working proposal by March 2008](#)
- [Preparation of organization and techniques by Nov.2008](#)
- [Report on Collaboration in Practices by March 2009](#)

**Project budget (those covered by the collaboration program):**

- Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

### **Cluster 3: Information Literacy**

**Project number: 0301**

**Project category: Information Literacy**

**Project name: Assessment and Research of Information Literacy**

**Project partners:**

- Library University of Constance(Contact person: Bernd Schmid-Ruhe)
- National Science Library (Contact person: Dongrong Zhang)
- National Science Library/Wuhan Branch (Contact person: Qing Liu)
- Library of Tsinghua University (Contact person: Jia Lin)

**Project aims:**

- Assessment
  - Survey on needs/ competences of Next Generation Users
  - Compilation of comparative reports
  - Development of user-driven information literacy activities embedded in information services
  - Tests of the new methods and publication of test reports
- Outreach
  - Development of user out-reach methods
  - Integration of subject librarians into the processes of Information Literacy
  - Training of trainers

**Project steps:**

- Discussion on implementation by Dec. 2007-
- Proposal by March 2008
- Survey studies and preliminary new IL methods research by Nov. 2008
- Testing of the new methods and evaluation by 2009

**Project budget (those covered by the collaboration program):**

- Visit of two Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

### **Cluster 4: IR, OA, e-Publishing and National Licensing**

**Project number: 0401**

**Project category: Institutional Repository**

**Project name: Chinese Collaboration with the DRIVER project**

**Project partners:**

- Göttingen State and University Library (Contact person: Norbert Lossau)
- National Science Library of Chinese Academy of Sciences (Contact

person: Xiaolin Zhang)

- Tsinghua University Library(Contact person: Airong Jiang)

**Project aims:**

- Study DRIVER structures, policies, management, etc., and study other Institutional repository networks.
- Develop, based on DRIVER best practices, guidelines of institutional repositories and IR networks.
- Establish Sino-German Alliance on the development of IR and IR networks.
- Experiment on interoperable services between DRIVER and Chinese IR networks.

**Project steps:**

- DRIVER studying and working proposal by March 2008
- Preparation of organization and techniques by Nov.2008
- Start service by March 2009

**Project budget (those covered by the collaboration program):**

- Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

**Project number: 0402**

**Project category: Open Access**

**Project name: Collaboration in promotion of Open Access**

**Project partners:**

- National Science Library (Contact person: Xiaolin Zhang)
- SUB Göttingen (Contact person: Norbert Lossau)

**Project aims:**

- Establish an Open Access Promotion portal (learning from the German OA portal and OA policy channels in university portals) to provide a clearinghouse services for institutions and individuals wishing to support, participate in, or implement OA.
- Develop, based on German experiences, the guidelines and toolkit for implementing OA in research and learning institutes.
- Develop, based on Chinese and German experiences, promotion toolkits for scientists, faculty members, and others on practical measures like “How can you go ahead with OA”
- Invite high level advocates of OA from Germany to give promotional tours in China to explain and demonstrate the importance and advantages of OA.

**Project steps:**

- Proposals, preparation of organization by March 2008

- Testing Open Access Promotion portal by Oct.2008
- Developing guidelines and toolkit by Jan.2009
- Portal starting service by March 2009

**Project budget (those covered by the collaboration program):**

- Visit of one Chinese collaboration team representative to the German partner in 2008 for discussion of collaboration details.
- Visit of one German collaboration team representative to the Chinese partners in 2008 for discussion of collaboration details.
- Participation by one representative of the Chinese collaboration partner in 2008 Program conference to be held in Germany.

**Project number 0403**

**Project category: Task force: National Licensing**

**Project name: German National Licenses**

**Project partner:**

- TIB
- NSTL (National Science and Technology Library, China)

**Project aims:** The German side will prepare a report on the German National Licensing Program of the German Research Foundation (DFG) for further discussions between Chinese and German libraries. The Chinese side will study the report and prepare a report for possible ways to implement and improve national agreement schemes for digital resource acquisitions.