



International cooperation in ICT under the UN support

Ukraine IT status

Recent problems in ICT

- ❖ **Bad ICT law and business regulation;**
- ❖ **High prices for Internet and mobile services;**
- ❖ **Modern information infrastructure only in urban areas;**
- ❖ **Bad ICT awareness of rural population.**

Ukraine IT policies

National Strategy of information society formation and development

- ❖ Wide introduction ICT to economy, government, public health services, education;
- ❖ Introduction of electronic auctions and tenders in state purchases;
- ❖ Implementation of electronic document circulation system in official bodies;
- ❖ Application of the electronic digital signature;
- ❖ Stimulation of software development;
- ❖ Liberalization of the telecommunication market;
- ❖ Universal communication services creation and maintenance of an easy approach to them;
- ❖ Standardization, unification and certification of public funds and information resources.

Ukraine IT policies

program "ELECTRONIC UKRAINE" 2005 – 2012

- ❖ Usage of the newest ICT in spheres of state management, enterprise, science, education, culture, health protection;
- ❖ Wide access of scientific institutes and organizations to information resources of national and global networks;
- ❖ Increase of sociopolitical, economic, educational, legal, scientific and technical Internet information resources in Ukraine;
- ❖ Improvement of information-analytical supply of the government structures and institutions of local management
- ❖ Granting information services access to physical and legal persons;
- ❖ Free access of physical and legal persons to the information on government activity;
- ❖ increase of a level of computer literacy of the population.

International ITC Cooperation

Ukraine ICT organizations membership

- ❖ **Universal Postal Union (UPU)**
- ❖ **International Telecommunication Union, (ITU)**
- ❖ **The European Conference of Postal and Telecommunications Administrations**
- ❖ **European Telecommunications Standards Institute (ETSI)**

Recent areas of cooperation

- ❖ **Sea trade**
- ❖ **Aerospace**
- ❖ **Telecommunication**
- ❖ **Nuclear and atomic**
- ❖ **Semi-conductors**
- ❖ **Power consumption**
- ❖ **Fuel-energy**

International cooperation

Project “Strengthening Educational Capacity of Kyiv National Taras Shevchenko University”

Donors:

- ❖ United Nations Development Program
- ❖ Kyiv National Taras Shevchenko University
- ❖ UNESCO

Executing/Implementing Agents:

- ❖ Kyiv National Taras Shevchenko University (KNTSU)

Project Status : National

Project Start date : September, 1999

Project End date : December, 2007

International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

PARTNERS

International:



Ukrainian:

Ministry of Education and Sciences of Ukraine

Association of Ukrainian Universities

Academy of Pedagogical Sciences of Ukraine

International cooperation

Project “Strengthening Educational Capacity of Kyiv National Taras Shevchenko University”

PROJECT STRUCTURE

❖ LIBRARY

❖ PUBLISHING-HOUSE

❖ INTERNET

❖ REGIONAL ACADEMY FOR ADVANCED NETWORK ADMINISTRATION AND DESIGN (RAANAD)

❖ REGIONAL ACADEMY OF INFORMATION TECHNOLOGIES IN EDUCATION (RAITE)

International cooperation

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International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

LIBRARY

Use of modern ICT in the library accelerate book turnover thus, efficiency of library stock utilization is improved.



International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

PUBLISHING-HOUSE

Establishment of the modern publishing center allows giving printed products to the University and other higher educational institutions of Ukraine.



International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

INTERNET

Formation of computer network of the University and assurance of high-speed access to Internet.



International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

REGIONAL ACADEMY FOR ADVANCED NETWORK ADMINISTRATION AND DESIGN (RAANAD)

Establishment of the educational institution for training of specialists in computer and network technologies.



International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

REGIONAL ACADEMY OF INFORMATION TECHNOLOGIES IN EDUCATION (RAITE)

Creation of the modern center for advanced training of specialists in their sphere of up-to-date ICT development, deployment and operation in the educational system.



International cooperation

Project "Strengthening Educational Capacity of Kyiv National Taras Shevchenko University"

PROJECT PLANNED ACTIVITIES

Create a digital repository of rare and ancient books that represent Ukrainian national cultural heritage;

Organize a Creative Centre of Electronic Learning Materials (CELM);

Provide access to worldwide resources of scientific and education periodicals;

Develop videoconference system for knowledge exchange between Ukrainian and foreign educational organizations;

Develop an Ukrainian corporate library network;

Develop a concept of virtual training simulators for nature, social and humanitarian sciences;

Organize a concurrent computational network for Ukrainian universities;

Develop a concept of electronic university business administration.

International cooperation

Project “Transfer of IT technology to Ukraine”

PARTNERS

International:

- ❖ Polish-Japanese Institute of Information Technology
- ❖ Ministry of Foreign Affairs of Poland
- ❖ Japanese International Cooperation Agency

Ukrainian:

- ❖ State Committee on Communication and Informatization of Ukraine
- ❖ Ministry of Education of Ukraine
- ❖ National Technical University of Ukraine “Kiev Polytechnic Institute”
- ❖ Lviv Polytechnic National University

International cooperation

Project “Transfer of IT technology to Ukraine”

TASKS

- ❖ Improvement of the management and organization of the distance education sector in Ukraine through innovative solutions and practices;
- ❖ Training of Ukrainian professionals in creating and managing distant learning system;
- ❖ Organization of e-learning education based on PJIIT’s didactic and scientific staff and resources;
- ❖ Establishment, operationalization and support to two pilot e-learning centers in Ukraine;
- ❖ Organization and launch of pilot courses for Ukrainian students in computer science by e-learning centers in cooperation with PJIIT.

International cooperation

UN Opportunities

- ❖ **Coordination;**
- ❖ **Consultation and help;**
- ❖ **Establishing international relations and connections;**
- ❖ **Financial aid and grants;**
- ❖ **Solving questions with government structures.**

CONCLUSION

Possible spheres of the future successful cooperation in ITC

Consultations on legislative regulation in ICT sphere

Creation and modernization of an infrastructure;

Training of experts, e-learning;

Creation e-commerce network.

APPENDIX

List of potential partners in Ukraine

❖ **UNDP**

(<http://www.undp.org.ua>)

❖ **Kiev National Taras Shevchenko University**

(<http://www.univ.kiev.ua>)

❖ **UNESCO**

(<http://www.unesco.org.ua>)

❖ **Ministry of transport and communication**

(<http://www.mintrans.gov.ua>)

❖ **Ministry of science and education**

(<http://www.mon.gov.ua>)

❖ **Ukrtelecom**

(<http://www.ukrtelecom.ua>)

THANK YOU