



# **International cooperation in ICT under the UN support**

# Ukraine IT status

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## 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

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## 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

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## 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

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## 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

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## 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

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## 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

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## 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

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## 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

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## 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

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## 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

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## UN Opportunities

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

# CONCLUSION

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## **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

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## 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**