

**"BABEȘ-BOLYAI" UNIVERSITY
CLUJ NAPOCA
ROMANIA**

**GOVERNANCE, INTELLIGENCE AND SECURITY IN THE 21st CENTURY
- GOVERNANCE SECTION -**

THE 21st CENTURY LIBRARY AS E-GOVERNMENT STRATEGY FACILITATOR

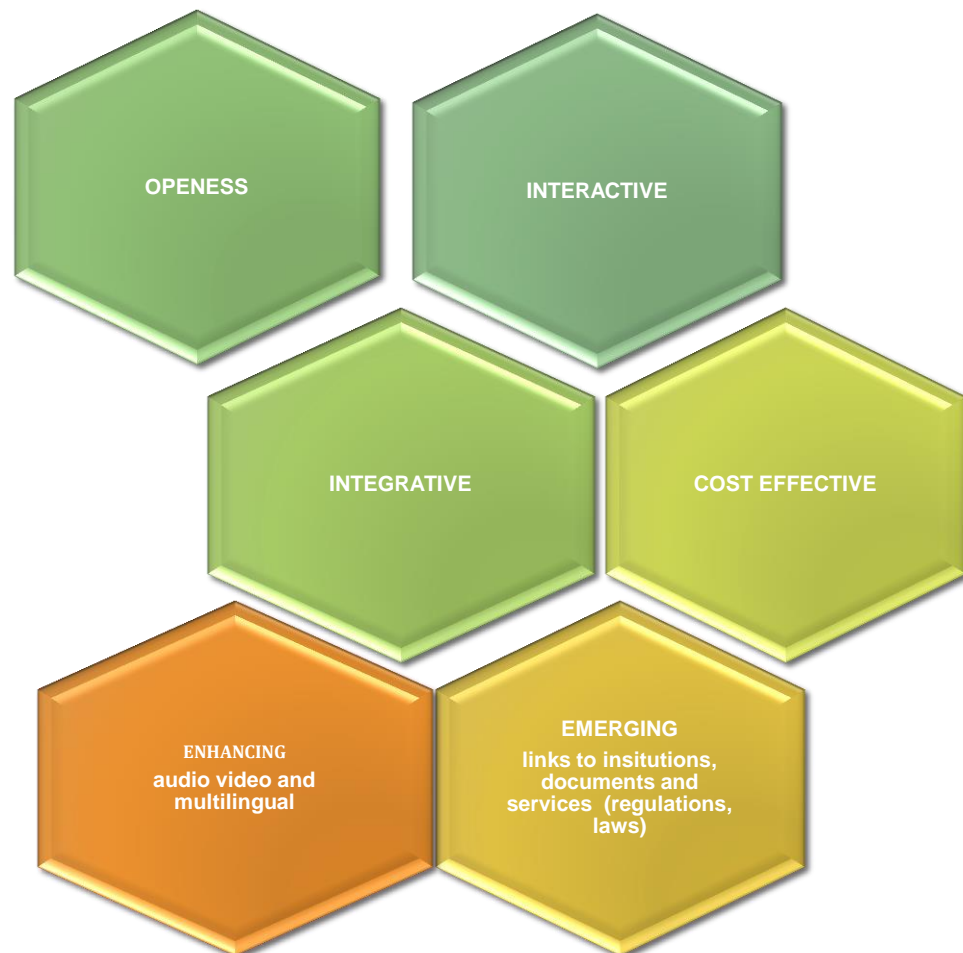


**Associate professor: Mireille Rădoi
General Manager
"Carol I" Central University Library**

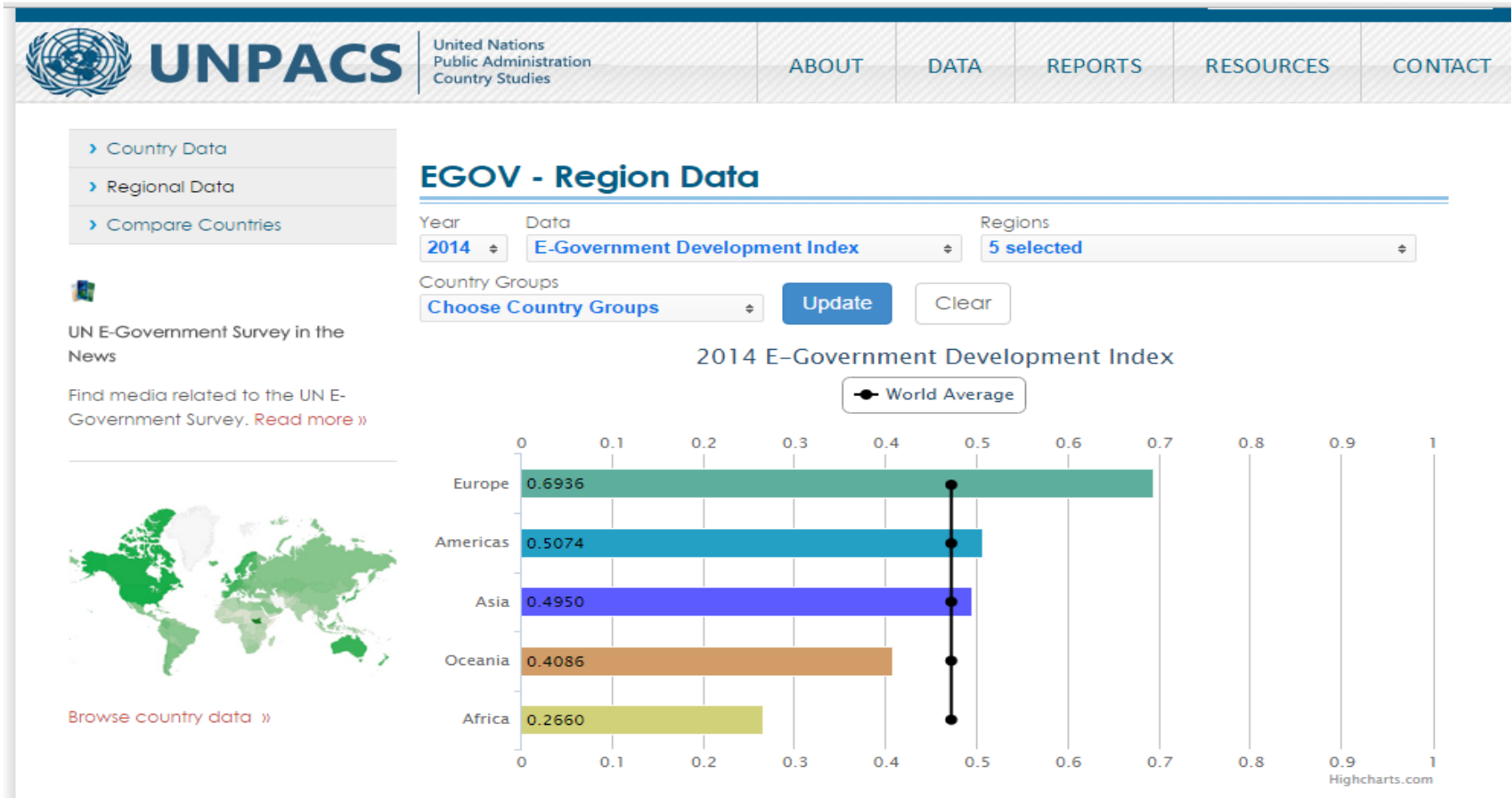
E-GOVERNANCE

VISION AND GOALS

- ❑ Increasing e-services for citizens
- ❑ Sustainable development
- ❑ Encouraging civic participation
- ❑ Adjusting the geographic and social gap of the public services people access
- ❑ Upgrading contents and legislation
- ❑ Cutting Costs
- ❑ Performance & Cooperation



UNITED NATIONS PUBLIC ADMINISTRATION – COUNTRY SELECTOR- 2014

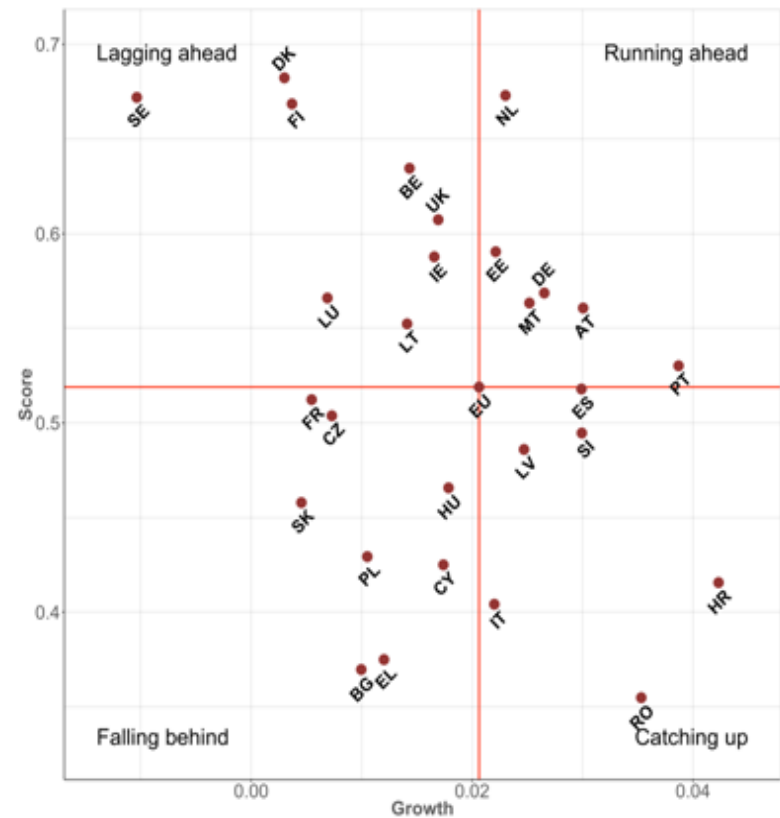
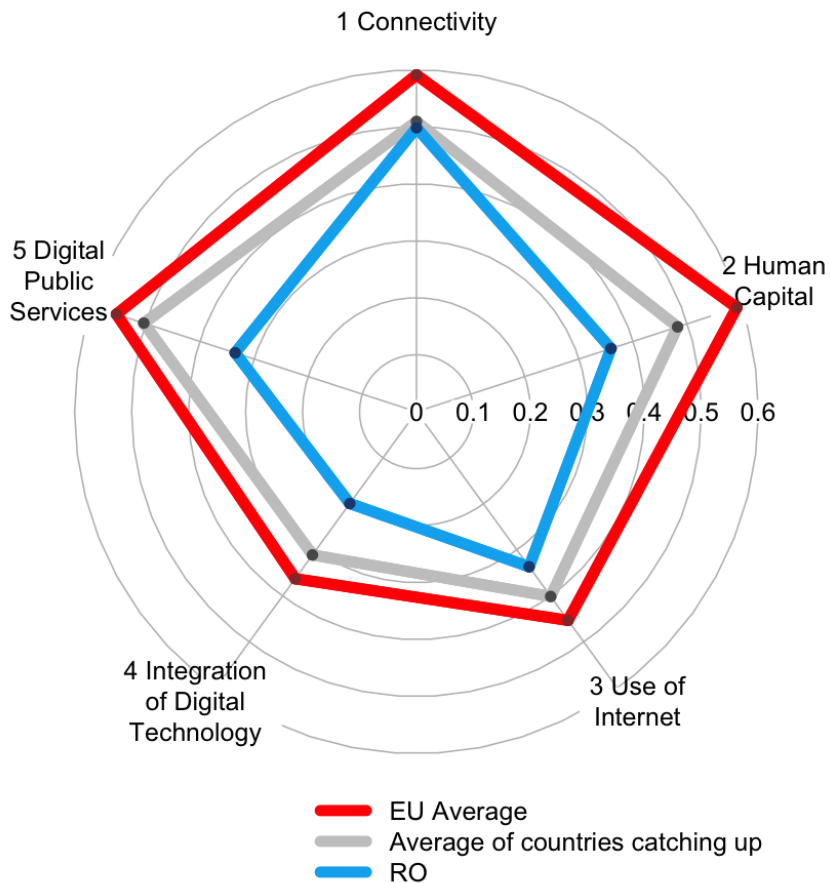


E-Government indicators: Online services; Telecommunications infrastructure; Human capacity.

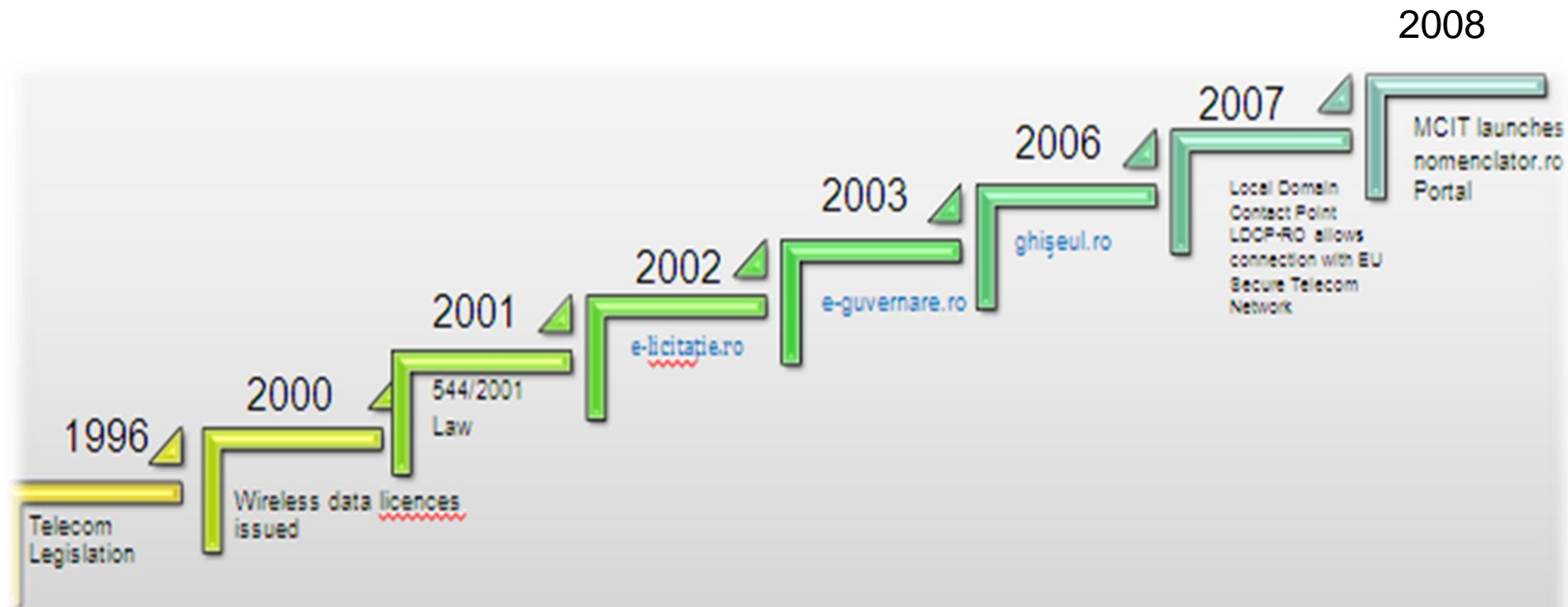
DIGITAL ECONOMY & SOCIETY INDEX (DESI)

Top performing countries: Denmark (0.68), The Netherlands (0.673), Sweden (0.672) Finland (0.669).

Romania (from 0.32 to 0.35). 28th place

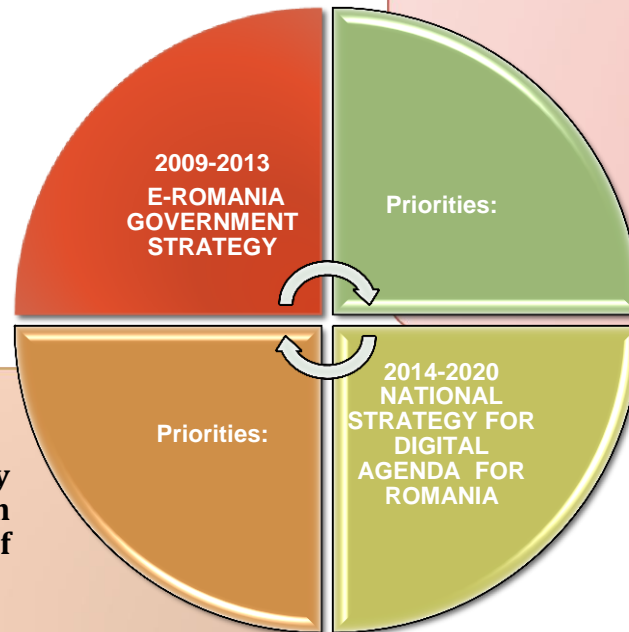


E-GOVERNANCE IN ROMANIA A HISTORICAL APPROACH I.*



- European Commission. E-Government in Romania [online]. Available at: https://joinup.ec.europa.eu/sites/default/files/ckeditor_files/files/eGovernment%20in%20Romania%20-%20February%202016%20-%20v1_00.pdf

E-GOVERNANCE IN ROMANIA A HISTORICAL APPROACH II.



- Use of ICT on a large scale in business & public administration;
- Promote social and economic development;
- Apply transparency in administration.

- Align the information society development with the European Countries, aiming the integration of Romania in the EU Digital Market.

NATIONAL STRATEGY ON DIGITAL AGENDA FOR ROMANIA 2014-2020

ACTION FIELDS

**eGovernment, Interoperability, Cyber Security, Cloud Computing,
Open Data, Big Data and Social Media**

ICT in Education, Health, Culture and eInclusion

Broadband and Digital Services Infrastructure

eCommerce, Research & Development and Innovation in ICT

E-GOVERNANCE IN ROMANIA

Main Goal: enhance public sector activities

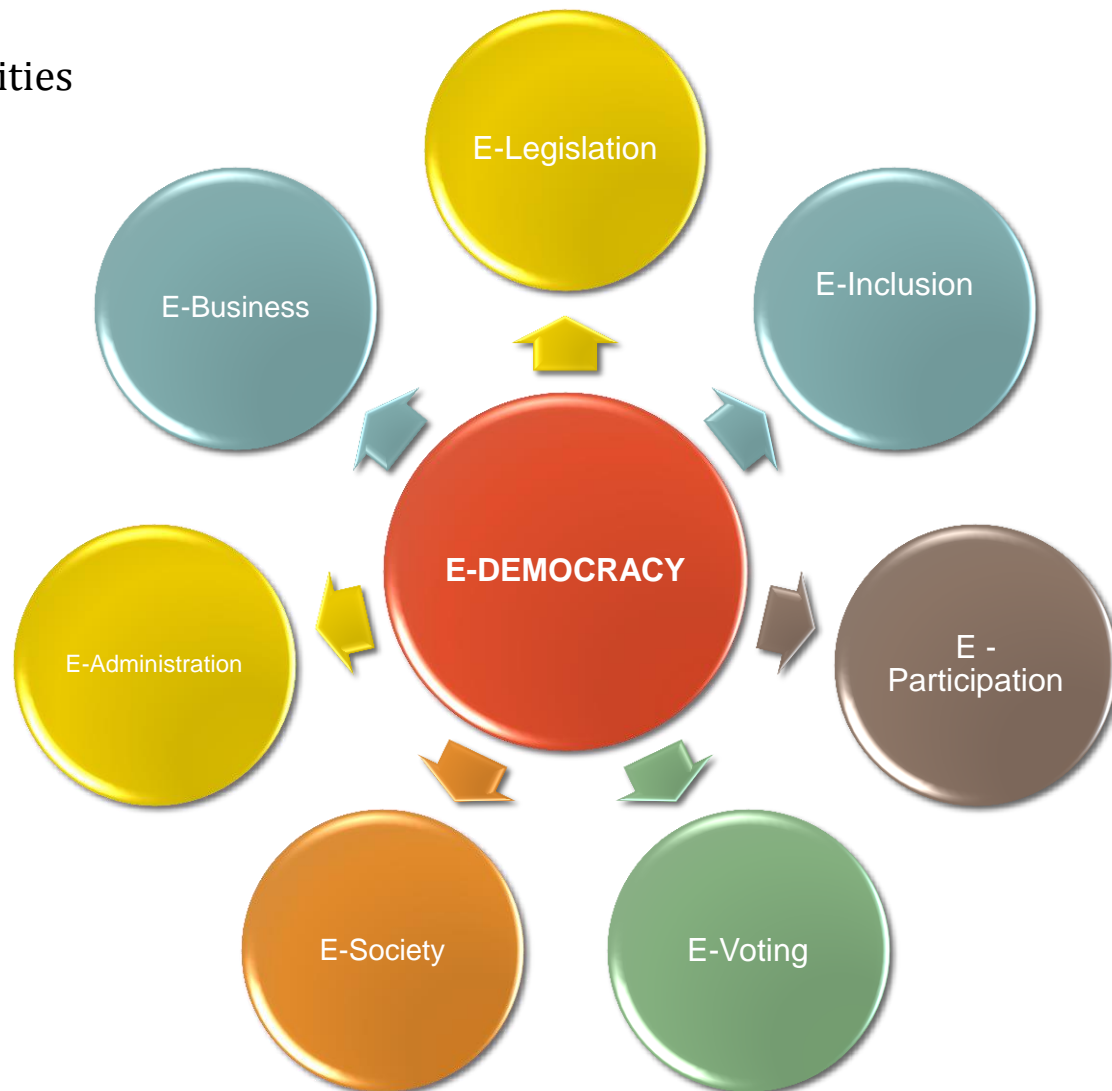
Concept related: **E-Democracy**

Advantages:

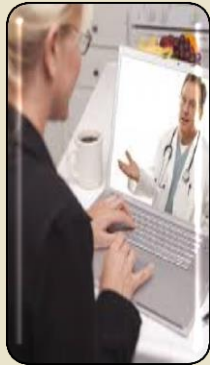
- Open access to global culture
- Economic and social equity
- Economic development
- Real Time and Efficiency
- Transparency

Deficiencies:

- Lack of will & vision
- IT Infrastructure
- Information processing
- Integrated soft
- Users abilities
- Budgetary constraints



E-GOVERNANCE IN ROMANIA



EDUCATION

Online database

Online conferences

Online continuous training

HEALTH

Online database

Medical Network

Electronic Card

LEGISLATIVE SECTOR

Court of law database

Internal Affairs Ministry databases

E-Voting

FINANCIAL SECTOR

E-Commerce

E-Banking

ADMINISTRATION

E-Taxes

Social assistance

Telecommunication

DIGITAL DIVIDE THE ROLE OF LIBRARY

LIBRARY - Government and citizens facilitator through knowledge management, training & e-services

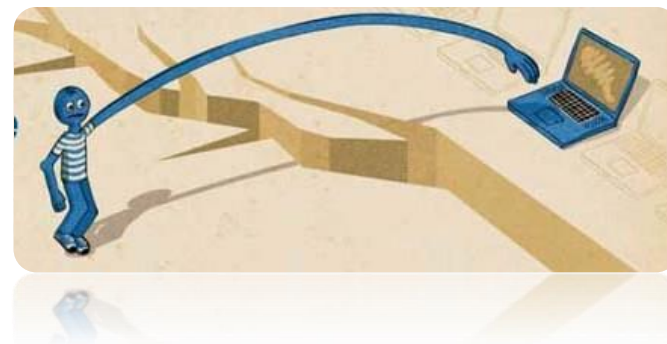
GOAL: Enhancing librarians qualities and abilities

TASKS:

- a) Assessing the institutional capacities concerning informational resources, network and human resources;
- b) Analyzing the users needs and expectations;
- c) Providing information concerning:
 - ❑ Website traffic
 - ❑ The use of electronic services and communication

Reasons to use Library E-services:

- ✓ Individual assistance vs. web tutorials
- ✓ Lack of understanding public access e-services
- ✓ The information accuracy
- ✓ Institutional illiteracy.



DIGITAL DIVIDE THE ROLE OF LIBRARY

E-Services PLAN & DESIGN



INFRASTRUCTURE

- Content
- Access
- Technology
 - Networks
 - Terminals



USERS

- Skills
- Information Literacy
- Online Communication -chat, & mail.



DIGITAL MARKETING

- SMM - Social media marketing
- SEO - Search engine optimization
- SEM - Search engine marketing (keyword research, web site & traffic analytics)
- Mobile marketing (SMS, MMS)

DIGITAL DIVIDE THE ROLE OF LIBRARY

Cooperation Programs in Libraries

LinkingJob: JobHunting with the Help of Librarians

www.linkinjob.eu

Case study

Erasmus+ project 2014-2016

Budget: 108.224 eur

Coordinator: Ljubljana Metropolitan Library, Slovenia

Partners: libraries from Austria, Bulgaria, Finland, Ireland, Romania

Objective:

Strengthening of professional training and reinforce the work capacity

Plan:

- Impact Study on labor market and unemployed workers from the member state
- Librarians training on unemployed workers assistance
- Curriculum development for unemployed workers
 - PC training course
 - Financial and entrepreneurial courses
 - Assistance in completing a resume and finding a job

Outcomes:

- **Curricula for Librarians**
- **Training Courses on special needs (unemployed workers)**
- **E Guide of good skills for the unemployed workers from participant states**



DIGITAL DIVIDE THE ROLE OF LIBRARY

Cooperation Programs in Libraries
LinkingJob: JobHunting with the Help of Librarians

www.linkinjob.eu

Case study

"OCTAVIAN GOGA" COUNTY PUBLIC LIBRARY CLUJ NAPOCA

GOOD PRACTICE MODELS

How to Find a ...(Employment Record)Book?

Target group : unemployed workers

Project Plan:

Assistance in completing a resume and finding a job

- to know the career goals
- to possess job searching skills

1 week training course

- ✓ 28 County Public Library personnel training
- ✓ 23 Librarians from city libraries

Media and advertising

- ✓ Press and library network
- ✓ TVs and radio interviews
- ✓ Expositions



NATIONAL STRATEGY ON DIGITAL AGENDA FOR ROMANIA

SWOT ANALYZE FOR ICT IN EDUCATION *

STRENGTHS	WEAKNESSES
<p>Increased the internet use within the rural area</p> <p>The automatization of the pre-academic system, by governmental programmes and other means</p> <p>A satisfactory level of pupils' digital alphabetisation in rural areas</p> <p>E-learning platforms (more than 70%) in universities</p> <p>The achievement of basic ICT competences by the students</p> <p>The computerisation of the libraries and the digital competencies improvement in the rural areas.</p>	<p>The decrease of the population in the pre-university teaching system</p> <p>Low level of digital competencies, compared to the European average</p> <p>Contents based on memorising, reduced the capacities to adapt to the real world</p> <p>The moderated use of e-learning instruments</p> <p>Insufficient materials available in digital format (books, thesis, articles, magazines)</p> <p>Decreased e-learning projects dedicated to the adult population</p> <p>The lack of a coherent approach for the continuous training and life long learning programmes.</p>
OPPORTUNITIES	THREATS AND CONSTRAINTS
<p>National and international financing programmes in the education field, of ICT use, research, development and culture</p> <p>The development of the infrastructure for internet access in Romania</p> <p>The utilisation of the OER(open educational resources) and Web 2.0 technologies for educational purposes giving flexibility to the educational process</p> <p>The trans-national collaboration growth between universities</p> <p>The students and the professors' mobility</p>	<p>The lack of collaboration between the business environment and the educational institutions</p> <p>The lack of correlation between the e-learning programmes included in the Sectoral Operational Programme "Increase of economic competitiveness" (SOP IEC) with the e-learning programmes included in the Sectoral Operational Programme "Human resources development" (SOP HRD)</p> <p>The lack of clarity between initial and continuous training stages.</p> <p>The difficulty to include the rural areas in the digital competencies development – Digital division.</p>

CONCLUSIONS on ROMANIAN CASE

- Low level of cultural objects in Europeana Platform <http://www.europeana.eu/portal/>
- Low level of librarians digital skills
- Lack of ICT technology in cultural and educational institutions
- Reduced interaction between *citizen* and the *digital content*
- Urban and rural areas digital gap

RECOMMENDATION

Library E- services development:

- Educational & cultural objects digitization
- E-training & E-learning for librarians
- Information Literacy for Library Users
- Social media communication
- E-Services promoting strategy



REFERENCES



- **BANCIU, Doina.** Implicare în E-Servicii [online]. In: <http://www.agora.ro/interviu/implicare-eservicii> . Accesat: [25.05.2016]
- **BANCIU, Doina.** Despre România .ro. In: *Finanțe și Afaceri*, Nr. 92, Iunie 2014, p. 38-39.
- **THE DIGITAL ECONOMY & SOCIETY INDEX (DESI)**[online]. Available at: <https://ec.europa.eu/digital-single-market/en/desi> . [23/05/2016].
- **EUROPEAN COMMISSION.** E-Government in Romania [online]. Available at: https://joinup.ec.europa.eu/sites/default/files/ckeditor_files/files/eGovernment%20in%20Romania%20-%20February%202016%20-%20v1_00.pdf . [23/05/2016].
- **NATIONAL STRATEGY ON DIGITAL AGENDA FOR ROMANIA**, September, 2014. p. 127. Available at: <http://www.mcsi.ro/Transparenta-decizionala/Proiecte-2014/Digital-Agenda-Strategy-for-Romania,-8-september-2>. [23/05/2016].

*Thank
you*

A close-up image of a fountain pen nib, showing the gold-colored metal and the black ink reservoir.