



eHealth Strategy in Republic of Moldova



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Republic of Moldova

Geography: The country's territory is 33,800 sq.km.

Population: 3.56 million people

Political system:
Parliamentary Republic

Capital:

Chisinau

20 years of independence



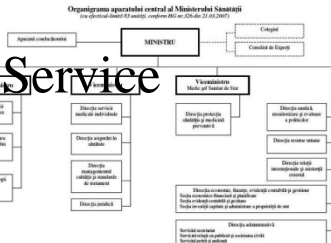


Health Care System in the Republic of Moldova



Resources:

- Public Health Service
- Primary Care
- Hospital Care
- National Emergency Service
- Health Care Education
 - i. SUMP N. Testemitanu
 - ii. 5 nursing colleges and 2 nursing continuous education institutions



Financing: - 112\$/ per capita

- Compulsory Health Insurance
- State Budget
- Local Public Administration
- Private Investment



Selected indicators: (y.2010)

Public HE/GDP – 4.8%

Institutions - 250

Health Care personnel

Doctors – 29.8 per 10 000

Nurses – 64.5 per 10 000

Outcome indicators (MDG)

Child Mortality – 11.8 per 1000

TB incidence – 102.2 per 100 000

e-Readiness

117 Institutions are using broadband connection (land/mobile)

Doctors using

i. Internet-connected PC at the work place – 24%

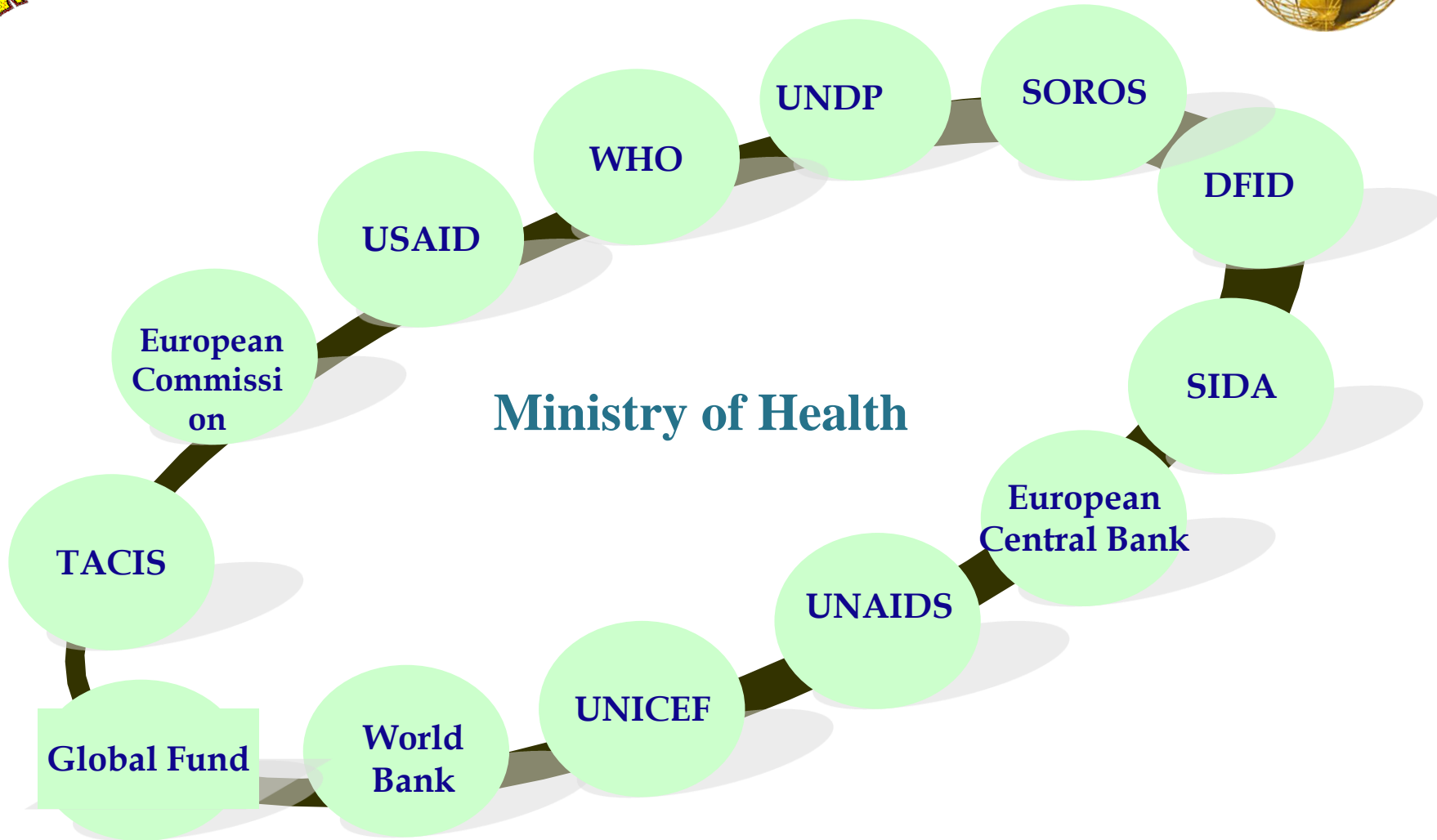
ii. PC at the work place – 28 %

EPR – 8 institutions (accounting – 118)





International cooperation of the Ministry of Health





European cooperation in the area of eHealth



Prague Declaration

- *Participation in eHealth Ministerial Conference – February 2009
“eHealth for Individuals, Society and Economy”*
- *Participation in First South-East eHealth European Networking Conference
– September 2009, Bosnia and Herzegovina*

EFMI



ISfTeH





National Strategy in Information Society Development “e-Moldova”



Harmonized Strategic Framework in Health

- ❖ National Development Strategy 2009-2011
- ❖ National Health Policy 2007-2021
- ❖ Health Care sector Strategy 2008-2017

<http://www.gov.md> , <http://www.ms.gov.md>

E-Health Context

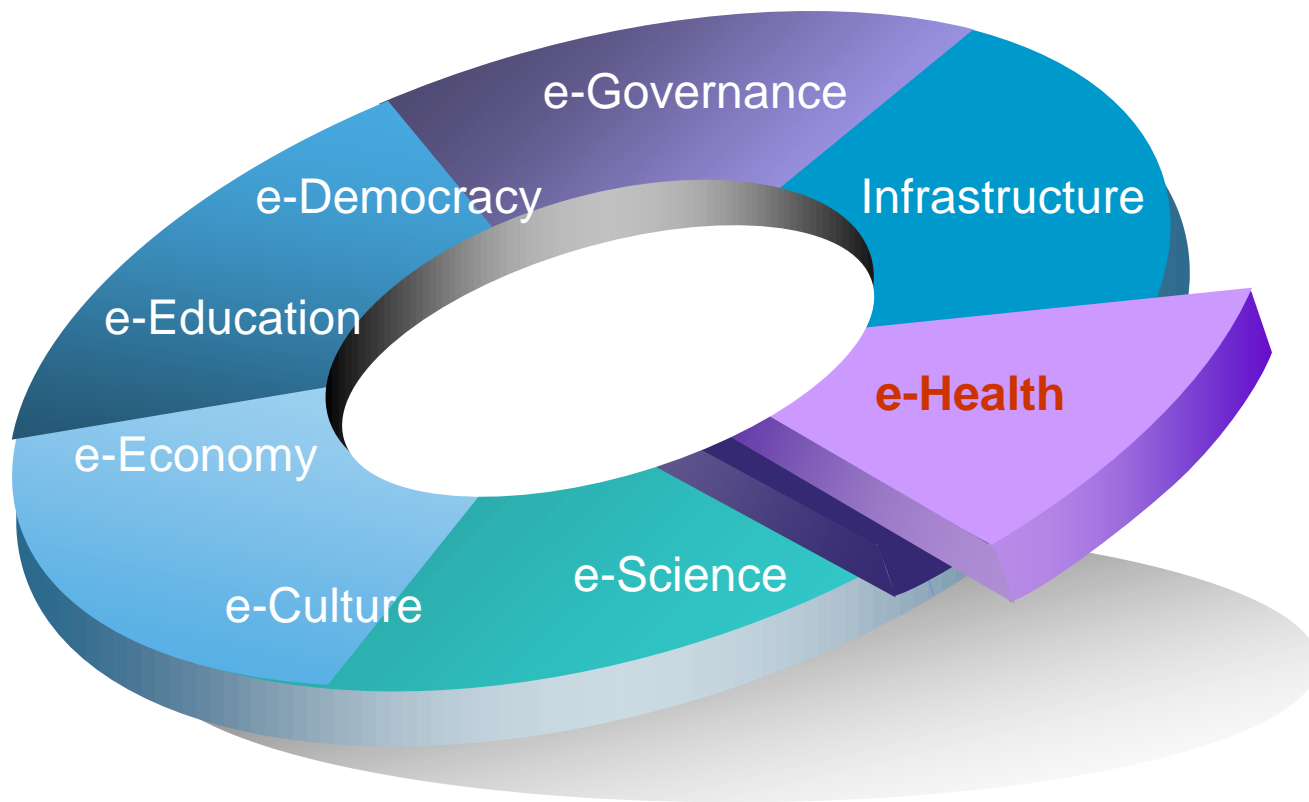
- ❖ In 2005 Government adopted National Strategy on building Information Society **e-Moldova**
- ❖ National Strategy on building Information Society e-Moldova contains a chapter dedicated exclusively for **e-Health**

Action Plan 2005-2010

<http://www.e-moldova.md>



Main directions for – “e-Moldova Strategy”





Main documents for eHealth development



Roadmap documents for ICT development in health sector:

- Concept of *Integrated Medical Information System*, adopted by Government Decision Nr.1128 on *14 October 2004*
- Action Plan for its implementation, elaborated by Ministry of Health in January 2005 (<http://www.ms.gov.md>)



Integrated Medical Information System Structure



➤ **IMIS had to contain 15 Main Modules for:**

- Primary Health Care
- Secondary Health Care
- Hospital for all levels (national, district, regional,)
- infection diseases (TB, HIV, etc)
- National Blood Center
- Financing – National Health Insurance Company
- Electronic Health Record
- Emergency Service
- ...



Implemented information systems



- SIME TB/ HIV, information system financed by Global Fund and other donors;
- Automated Information System for National Blood Transfusion Center;
- Integrated Hospital Management System at the Institute of Neurology and Neurosurgery;
- Primary Care Medical Information System at the Medical University Primary Care Clinic;
- Other systems

Problems: A low level of information system implementation in hospitals and primary health care.



European standards in Medical Informatics



- ❖ Starting 2008, **85** European and international standards in Medical Informatics area were accepted in Moldova as pre-standards. Preliminary plan stipulates implementation and adoption of these within following **5 years**
 - **Health Informatics vocabulary**
 - **EHR standards**
 - **Public key infrastructure in Health Care**
 - **Exchange of medical documents and medical data**
 - **Etc.**



Main problems in eHealth domain



- ❖ Lack of dedicated e-Health Policy;
- ❖ Lack of knowledge;
- ❖ Underdevelopment infrastructure in medical facilities;
- ❖ Operational costs and lack of financing;
- ❖ Mentality barriers;



eHealth Strategy in Moldova



Republic of Moldova has no
eHealth Strategy as a separate document



New challenges - eGovernance



- ❖ Beginning from 2009 Republic of Moldova has new Parliament and Government with pro-European orientation.
- ❖ According with politics of Alliance of European Integration – eTransformation is a priority for Government. This is mentioned in widely accepted document – “**Rethink Moldova**”. Our Government undertakes to:
 - Design a unified Public Sector ICT organization and governance structure to mainstream the use of ICT within Government agencies;
 - Design and implement Government to business (G2B) and to Government to citizen (G2C) service portals by integrating workflows and dual use of systems;
 - Expand online and mobile service delivery to citizens and businesses, including the 20 basic e-services in EU classification;



eGovernance – Policy instruments



- ❖ Assessment of citizen- and business-facing public services;
- ❖ Design and institutionalize a unified Public Sector ICT organization and governance structure;
- ❖ Design and implement Government service portal by integrating the workflows and minimizing duplication of systems;
- ❖ Simplify the reporting for business by implementing e-reporting;
- ❖ Expand online and mobile service delivery to citizens and businesses



New challenges - eHealth



❖ It is time for new eHealth Strategy and action Plan.

Preconditions for eHealth services implementation

- creation of correct "compatibility" between the e-Health and the existing problems of the health system;
- use of technologies that have proven effective or those that are most easy to use;
- implementation of the quick wins programs/ services for e-Health;
- the design and implementation of programs / services for e-Health in accordance with the current policy in this area.

❖ Establishment of eHealth task force



New challenges – IDF Grant (WB Group)



- ❖ Ministry of Health from Republic of Moldova received a grant for e-Health Strategy development.
 - We are at the beginning for new strategy.



Cooperation opportunities in eHealth



	Areas				
Tools	Strategy and health care management	Health Care education and research	Health Promotion	Clinical	???
Working groups and conferences	+	+	+	+	+
Web-platforms	+	+	+	+	+
mHealth		+	+	+	+
Videoconferencing	+	+	+	+	+
Imaging		+		+	+
On-line databases	+	+	+	+	+
???	+	+	+	+	+



Republic of Moldova



- **Strong political support at Government level in eHealth filed**
- **Small country – flexible conditions – proved experience in goal achievement**

Opened, and, highly interested in developing cooperation for
e-Health

Looking for partners –
**Government/Institutional/Corporate/non-
Government**



Thank you for your attention!