

**Activities of Republic of
Moldova to strengthen the
implementation of the
Convention on Transboundary
Effects of Industrial Accidents**

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**Secretary of the National Working Group for
the implementation of the UNECE Convention
on Transboundary Effects of Industrial
Accidents in
Republic of Moldova**

Boundaries Neighbors



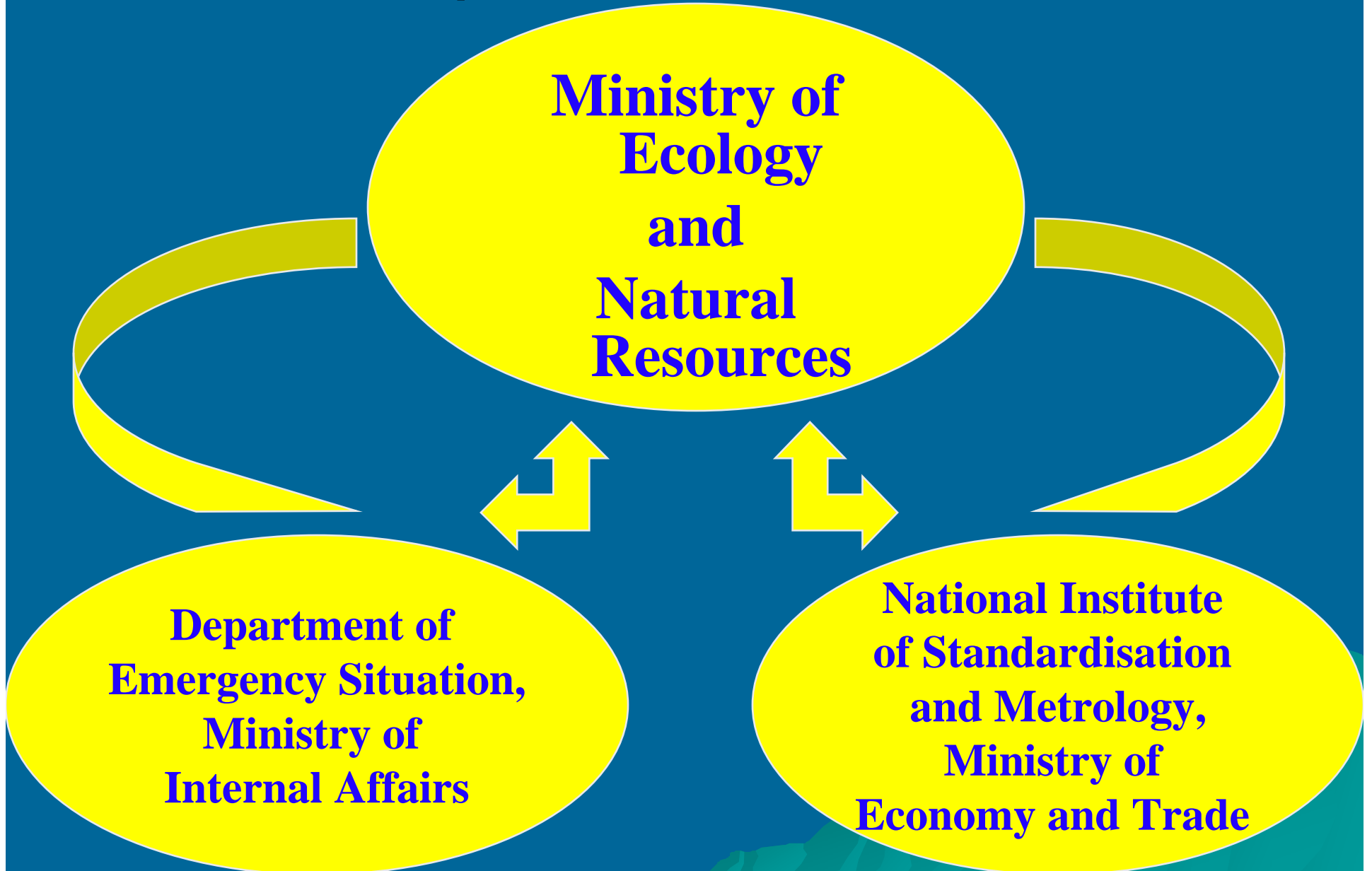
Frontier
delimitation:
total: 1389
km
with
neighbouring
states:
Ukraine-939
km
Romania-
450 km

Competent Authorities

**Ministry of
Ecology
and
Natural
Resources**

**Department of
Emergency Situation,
Ministry of
Internal Affairs**

**National Institute
of Standardisation
and Metrology,
Ministry of
Economy and Trade**



Long way from theory to practice

Ratification Law Protocol

1994

2000

2003

Fact-Finding mission

2006

Action plan

2008

Brainstorming for the countries of Eastern and South-Eastern Europe, Caucasus and Central Asia - Kiev, Ukraine, December 2007



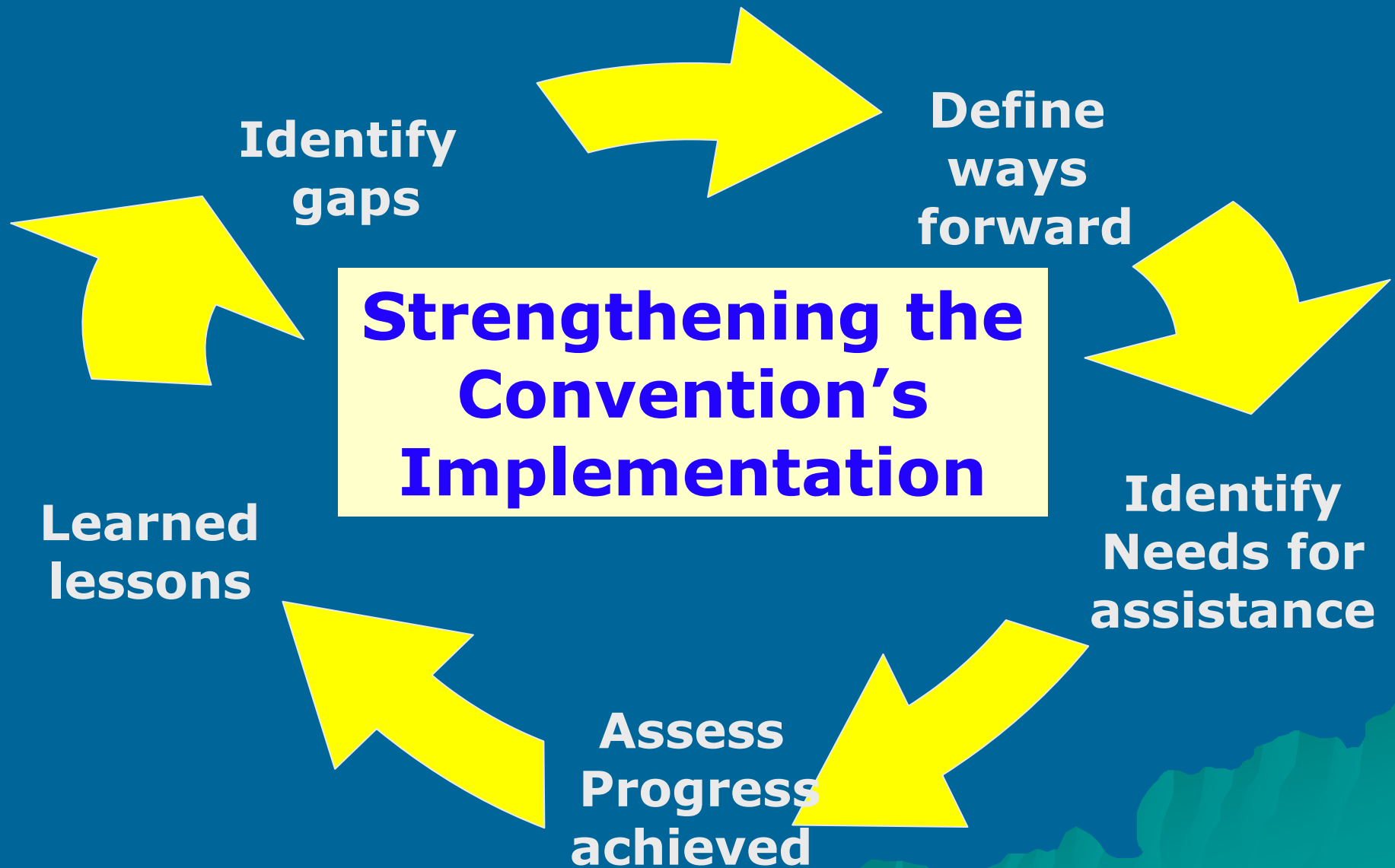
The legal background

The most important laws in Moldova, which are reflected in the articles of the CONVENTION are:

- ◆ **The Law on Industrial Safety of Hazardous industrial installations;**
- ◆ **The Law on Hazardous Substance;**
- ◆ **The Law on Actions in case of emergency situations;**
 - **The Instructive Act which defines the responsibilities of the authorities in case of an industrial accident and of environmental pollution, etc.**



Action Plan Cycle



Priorities

- ◆ a) Identification of hazardous activities;
- ◆ (b) Notification of hazardous activities;
- ◆ (c) Prevention;
- ◆ (d) Preparedness;
- ◆ (e) Response and mutual assistance;
- ◆ (f) Information to and public participation.

Identification of the hazardous activities

**Aim-
List of HA**

**Training
on identification
of HA**

**Information collecting and
database developing**

Responsibilities distribution

Database of potential HA in RM

Microsoft Access

Файл Правка Вид Вставка Формат Записи Сервис Окно Справка

Введите вопрос

Приложение Microsoft Office Access : база данн...

Открыть Конструктор Создать

Объекты

- Таблицы
- Запросы
- Формы
- Отчеты
- Страницы
- Макросы
- Группы
- Избранное

Создание таблицы в режиме конструктора
Создание таблицы с помощью мастера
Создание таблицы путем ввода данных

Таблица1 : таблица

| nr.ord | Поле1 | Поле2 | Поле3 | Поле8 | Поле4 | Поле5 | Поле6 | Поле7 | Fluo |
|--------|---------------------|------------------------------|------------------------------|-------------------------|--------------|------------------|-------------------|-----------|------------|
| | nr.ord | Organizatia | localizarea-adresa | Domeniul de activitate | Amoniac/tona | Nitrat de amoniu | Acrilonitril/tona | Clor/tona | Fluor/tona |
| 1 | ACMIA-CON S.R.L. | or.Chisinau, str.Banulescu | or.Chisinau, str.Banulescu | chimicale | 30 | | | | |
| 2 | Apa -Canal | or.Vadul lui Voda, str.Albis | or.Vadul lui Voda, str.Albis | pastrarea subst.chimice | 5 | | | 75 | |
| 3 | ACM-Muncesti | Chisinau, str.Muncesti | Chisinau, str.Muncesti | metalurgica | | | | | 1 |
| 4 | Acorex Wine Holding | Chisinau, str.Banulescu-Bc | Chisinau, str.Banulescu-Bc | stocarea chimicalelor | | | 1 | | |
| 5 | AIEA S.A. | Balti, str. | Balti, str. | prelucrarea lemnului | | 10 | | | |
| 6 | Apa-Canal | Chisinau, str.Albisoara,27 | Chisinau, str.Albisoara,27 | dezinfectarea apei | | | | | |
| 7 | Fabri-Inox | Tighina, str.Cosmonautilor | Tighina, str.Cosmonautilor | produse de inox | | 1 | | | |
| 8 | G.P. PHARMA S.R.L. | Orhei, str.Tamara Ciobanu | Orhei, str.Tamara Ciobanu | substante chimice | 1 | | | | |
| 9 | HIDROCHIM S.R.L. | Chisinau, str.Albinelor | Chisinau, str.Albinelor | substante chimice | 3 | 2 | | | |
| 10 | ICAM S.A. | Chisinau, | Chisinau, | produse | | | | 2 | |
| 11 | PETROM-MOLDOVA S. | Chisinau, | Chisinau, | produse petroliere | | | | | |
| 12 | Fabri-Inox | Tighina, str.Cosmonautilor | Tighina, str.Cosmonautilor | produse de inox | | 1 | | | |
| 13 | G.P. PHARMA S.R.L. | Orhei, str.Tamara Ciobanu | Orhei, str.Tamara Ciobanu | substante chimice | 1 | | | | |
| 14 | HIDROCHIM S.R.L. | Chisinau, str.Albinelor | Chisinau, str.Albinelor | substante chimice | 4 | 2 | | | |
| 15 | ICAM S.A. | Chisinau, | Chisinau, | produse | | | | 2 | |
| 16 | PETROM-MOLDOVA S. | Chisinau, | Chisinau, | produse petroliere | | | | | |
| 17 | Fabri-Inox | Tighina, str.Cosmonautilor | Tighina, str.Cosmonautilor | produse de inox | | 1 | | | |
| 18 | G.P. PHARMA S.R.L. | Balti str.Tamara Ciobanu | Balti str.Tamara Ciobanu | substante chimice | 2 | | | | |
| 19 | HIDROCHIM S.R.L. | Chisinau, str.Albinelor | Chisinau, str.Albinelor | substante chimice | 5 | 3 | | | |
| 20 | ICAM S.A. | Tighina, str.C.Negruzzi | Tighina, str.C.Negruzzi | produse | | | | 2 | |
| 21 | PETROM-MOLDOVA S. | Cahul, str.Orheiului | Cahul, str.Orheiului | produse petroliere | | | | | |

Режим таблицы

ПУСК

Action_plan ... english-gen... PROMT - [...] 3 Micros... WURTH S.... EN 22:32

Minsk, Belarus, October 2008

- ◆ Training Session on Identification of Hazardous Activities



Notification of Hazardous Activities

- ◆ Chlorine store and oil terminal



Prevention;

- ◆ Ecological inspection of Ministry of ecology and natural resources
- ◆ Technical inspection of Agency of Standardization and Metrology of the Ministry of Economy and Trade
- ◆ Inspection of Department of Emergency Situation
- ◆ Inspection of Ministry for Health
- ◆ Labor Inspection

Workshop on strengthening the safety measures at hazardous activities

Vadul lui Voda, Moldova, December, 2007



Needs of assistance for Prevention working area

- ◆ **Inspection Integrated approach**
- ◆ **Safety report**
- ◆ **Risk
assessment**



Emergency Preparedness

- ◆ Department of Emergency Situation
- ◆ No integrated system for
- ◆ On-site plans
- ◆ Off-site plans
- ◆ Need to develop
- ◆ formal procedure
- ◆ (Who, what
- ◆ and when)



Response and mutual assistance, notification of Industrial accidents;

- ◆ Bilateral and multilateral agreements between countries
- ◆ Frequently test – exercises for learn well the procedure of notification of neighbour.
- ◆ Assistance in finding the best practice and provide seminars on this topic.

PIAC

СИСТЕМА ОБРАБОТКИ ИНФОРМАЦИИ (СОИ)

Инцидент Стандартная_форма Передача Регистрационный журнал Адресный блокнот Отчет Capsat Опции

DANUBE

Accident Emergency Warning System

Information
Processing
System



Consultation and Training Session for Points of Contact for the Purpose of Accident Notification and Mutual Assistance Designated within the UNECE Industrial Accident Notification System Sibiu, Romania –April, 2008

Practical training of points of contact personnel on the use of the Web-based application for notification under the IAN System.



Transboundary Risk management in the Dniester River Basin Project



Information to and public participation.

- ◆ Lack of experience of sphere of informing and participation of the public
- ◆ Discussing of legal base and its application

The screenshot displays a web browser window with the URL <http://www.meteo.md/economgene.htm>. The page content includes:

- International Division** menu with links to:
 - UNFCCC (United Nations–Framework Convention on Climate)
 - UNCCD (United Nations Convention on Combating Desertification)
 - UNECE (United Nations Economic Commission for Europe)
 - UN WMO (United Nations World Meteorological Organization)
 - Danube River Protection Convention
 - IHP/UNESCO (International Hydrological Program of UNESCO)
 - Intergovernmental Committee of CIS on Hydrometeorology
- Convenția privind Efectele Transfrontiere ale Accidentelor Industriale** section, featuring a photograph of a building and text describing the convention's adoption in 1992 and its entry into force in 2000.
- Text stating: "Republic of Moldova has ratified the Convention on 4 January 1994. Joining to the Convention, Republic of Moldova has an opportunity to have access to the information on up-to-date and the advantaged processes of production with reducing effects on the environment; to have access to the database of European Union about Industrial Accidents which have occurred up to present day and the using remedial actions."

Needs of assistance

- ◆ To create a web-site with information of the Implementation of the Convention in Republic of Moldova
- ◆ Objectives:
- ◆ Full information about the Convention implementation in order to familiarize the public with all activities on that are doing in Moldova. Seminars for managers of the HA
- ◆ Projects developing
- ◆ Funding for publishing the booklets, poster, placates.
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Following activities

**Automatic water monitoring station-
training**

Training on the national and local level

Assess of the progressed achieved

Learned lessons - identified new gaps.

- ◆ **Sitting of Hazardous activities**
- ◆ **Civil liability**

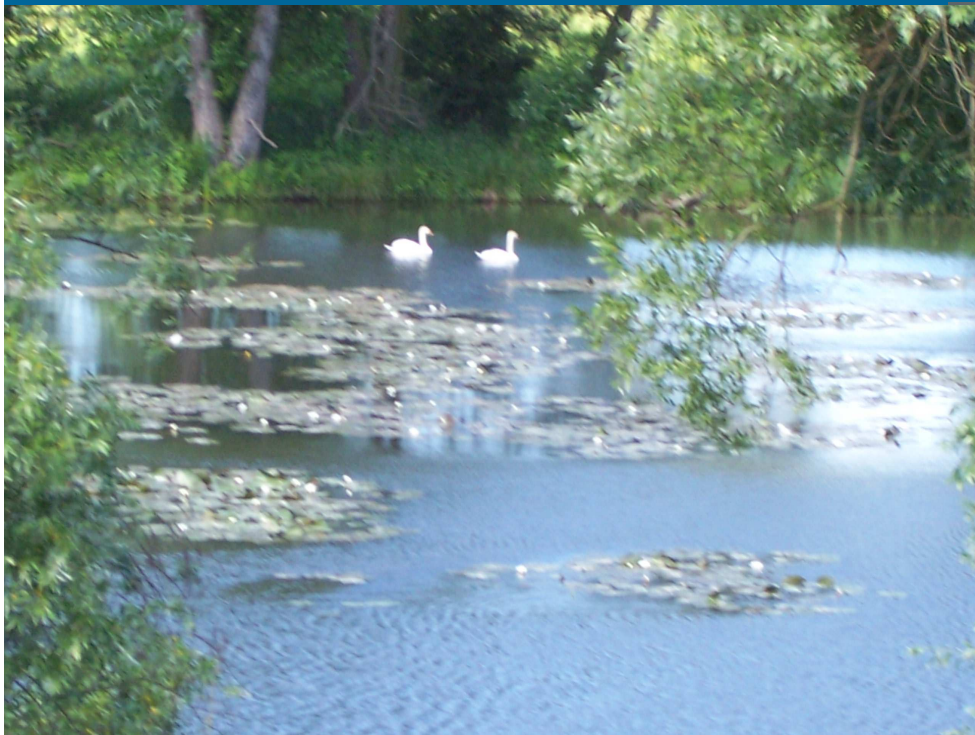
Lessons learned and Conclusions

Lessons learned:

- ◆ Deadline for implementation of steps was cut short,
- ◆ Alternative plan for steps that are postponed or for unsuccessful steps.
- ◆ Little experience in practical implementation.
- ◆ **Conclusions**
- ◆ active work was done,
- ◆ gaps were identified,
- ◆ many positive developments happened,
- ◆ We need assistance like a windmill needs wind.



Welcome to Republic of Moldova



Thank you for attention !

