GOVERNMENT OF REPUBLIC OF MOLDOVA

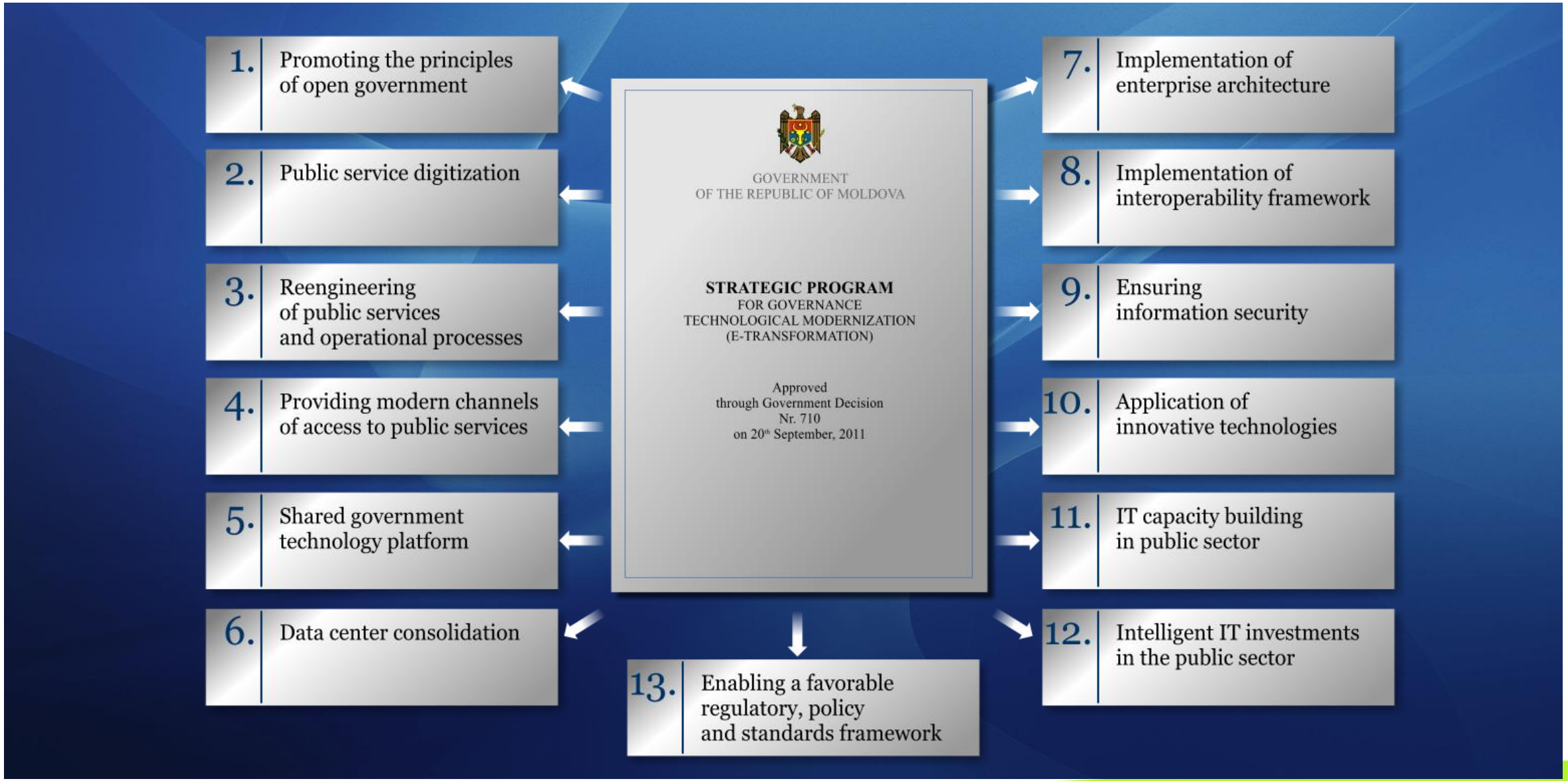
REGIONAL MEETING ON OPEN DATA AND E-GOVERNMENT FOR THE ENVIRONMENT
5-6 MARCH, 2019

REPUBLIC OF MOLDOVA E-GOVERNANCE AND OPEN DATA EXPERIENCE

IGOR BERCU
Shared e-Services Manager,
e-Government Agency

KYIV, UKRAINE
6 MARCH, 2019

STRATEGIC PROGRAM FOR GOVERNANCE TECHNOLOGICAL MODERNIZATION 2011-2020



DIGITAL BY DEFAULT FRAMEWORK

Security by design

Mobile by default

Content Portability

Open Data by default

APIs

Cloud First

Shared by default

Digital by Default Framework

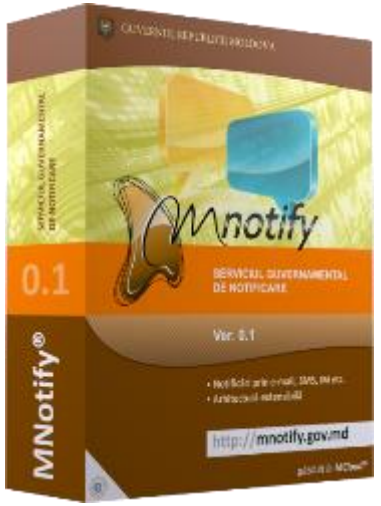
E-GOVERNANCE PLATFORMS

GOVERNMENT
PUBLIC SERVICES PORTAL

1. One-stop shop for all public services;
2. Information on more than 630 public services;
3. More than 160 electronic services are ready to be consumed.
4. Average 2300 visitors per day

GOVERNMENT
OPEN DATA PLATFORM

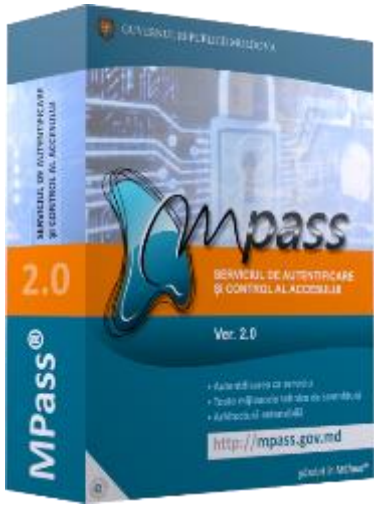
1. Makes public data really public!
2. Reusable, machine readable data.
3. 899 datasets from 48 authorities
4. 29 applications created by community



GOVERNMENT
NOTIFICATION SERVICE

1. Communication with citizens through different communication channels

E-GOVERNANCE PLATFORMS



GOVERNMENT IDENTITY SERVICE

1. Strong authentication for all connected information systems
2. Single sign-in/sign-out
3. All qualified electronic signature types supported
4. Supports Mobile ID
5. About 40 IT systems integrated

GOVERNMENT E-SIGNATURE SERVICE

1. Gives electronic documents or transactions legal force
2. All qualified electronic signature types supported, including Mobile ID
3. Simple technical interfaces
4. About 45 IT systems integrated

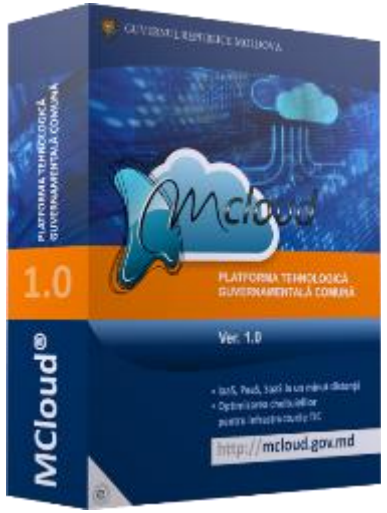
MOBILE SIGNATURE

1. Accessible electronic signature for everyone
2. Accessible to over 90% of mobile subscribers
3. Simple way to sign documents online!
4. More than 60 000 subscribers
5. Circa 130 000 signatures per month

E-GOVERNANCE PLATFORMS

GOVERNMENT
INTEROPERABILITY PLATFORM

1. Facilitates data exchange between authorities in a unified technical and contractual way
2. About 60 integration projects involving 21 authorities



GOVERNMENT
CLOUD PLATFORM

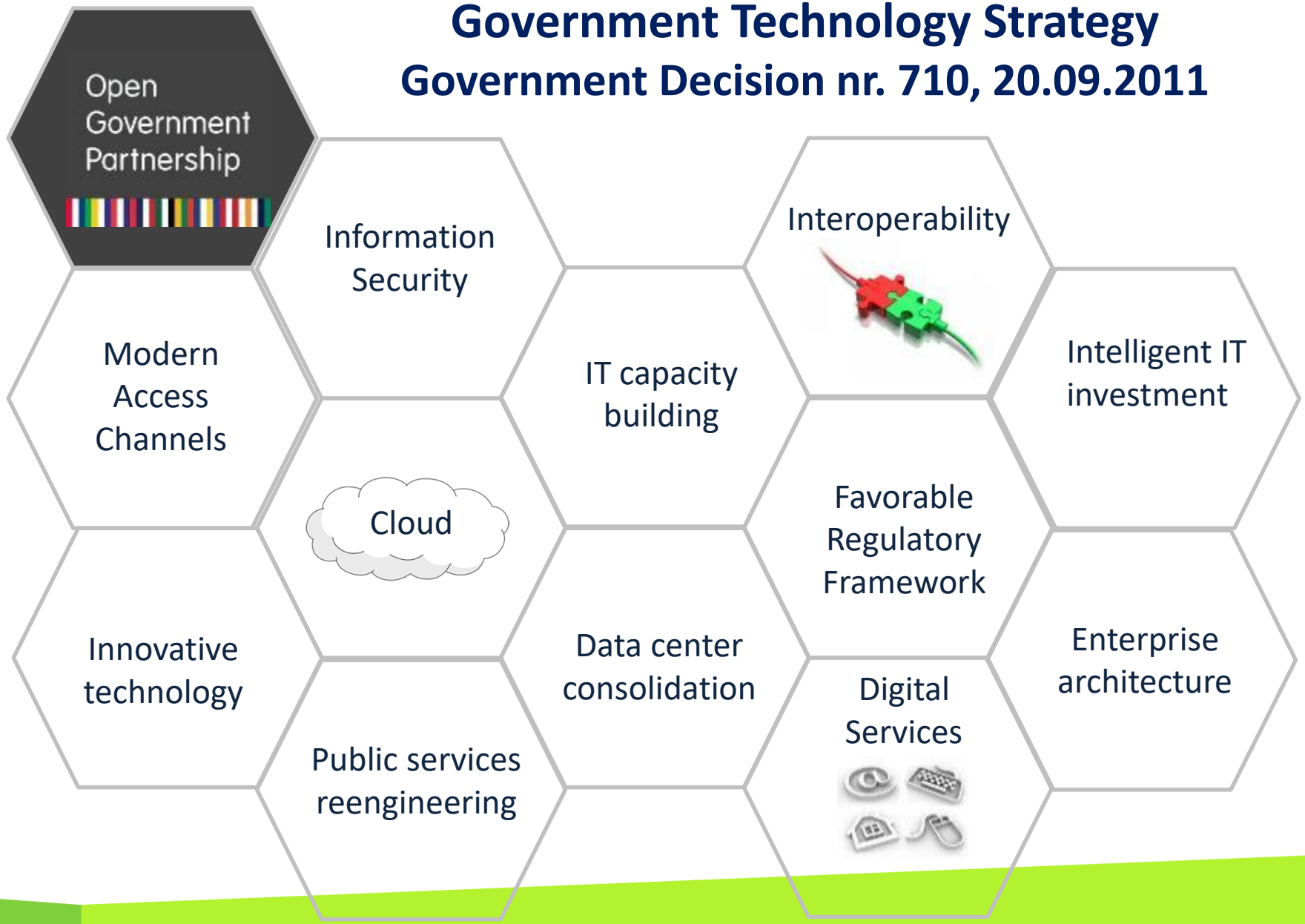
1. Get the computational resources in minutes!
2. No lengthy procurement processes!
3. Secure, reliable, always available!
4. Hosts about 30 authorities

GOVERNMENT
PAYMENT SERVICE

1. Facilitates payments for public services
2. All payment tools are supported, including bank cards, internet banking, cash
3. All banks, cash-in terminals and post offices are connected.
4. Over 2 million transactions
5. Over 400 million MDL paid to state budget

OPEN GOVERNANCE AS PART OF OUR MANDATE

Government Technology Strategy
Government Decision nr. 710, 20.09.2011



STARTING THE JOURNEY

2010-2011

STRONG OWNERSHIP AND COMMITMENT ON BOTH SIDES

WORLD BANK as the main driver donor for Open Data & Open Governance efforts consolidation

THE GOVERNMENT OF MOLDOVA enabling and pushing OD and OD-based innovations through legal and institutional framework adjustment measures

OPEN DATA PORTAL: THE DATA TREASURY

Open Data Portal: www.date.gov.md – launched in April 2011

Makes public data really public!

Contains reusable, machine readable data.

1109 datasets
8160 resources

46 OD coordinators from CPA posting data

Over 3.5 Mln downloads

OD Catalogues

OD Methodology

27 Apps on the portal

MILESTONES

TECHCAMP MOLDOVA

2011

April

- Launching the OD Portal
- User Operation Guide
- Prime-Minister's Directive
- First app contest

May

- Launching BOOST

June

July

- Hans Rosling - OD benefits demo session

December

- Version 2.0 of Portal www.date.gov.md

OPEN DATA: CHALLENGES

Supply Side:

- **resistance** to opening public data for reuse
- Lots of data is on paper, low level of **data digitization**
- Lots of public data available for visualizations, **but not for bulk download and reuse free of charge**
- Most of structured public data is held by state enterprises, which offer information as **a paid service**
- **Lack of open data standards and data managements skills among public servants**

Demand Side:

- **insufficient awareness** of the value of open data and limited skills to use it among journalists, business, citizens, public servants etc.

INSTITUTIONALIZING OPEN DATA IN MOLDOVA

April 2011 – **Open Data Directive Nr. 1,** signed by Prime Minister, ministries to release at least 3 datasets monthly;

Slow pace of publishing data February 2012 → Open Data Directive Nr. 2 signed by Prime Minister, establishing an Open Data Focal Points in each ministry, responsible for publishing open data on date.gov.md

December 2012 – Parliament passed the Law on public sector information reuse, which set the conditions for accessing and reusing public sector information **(open data license).**

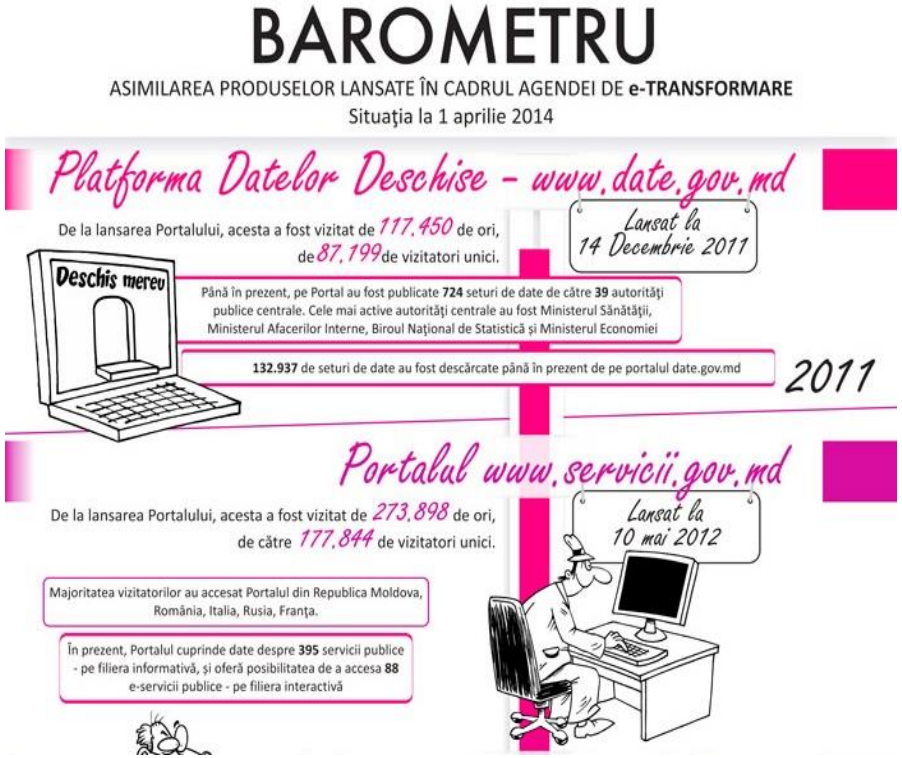
OPEN GOVERNMENT ACTION PLAN CONSULTATIONS

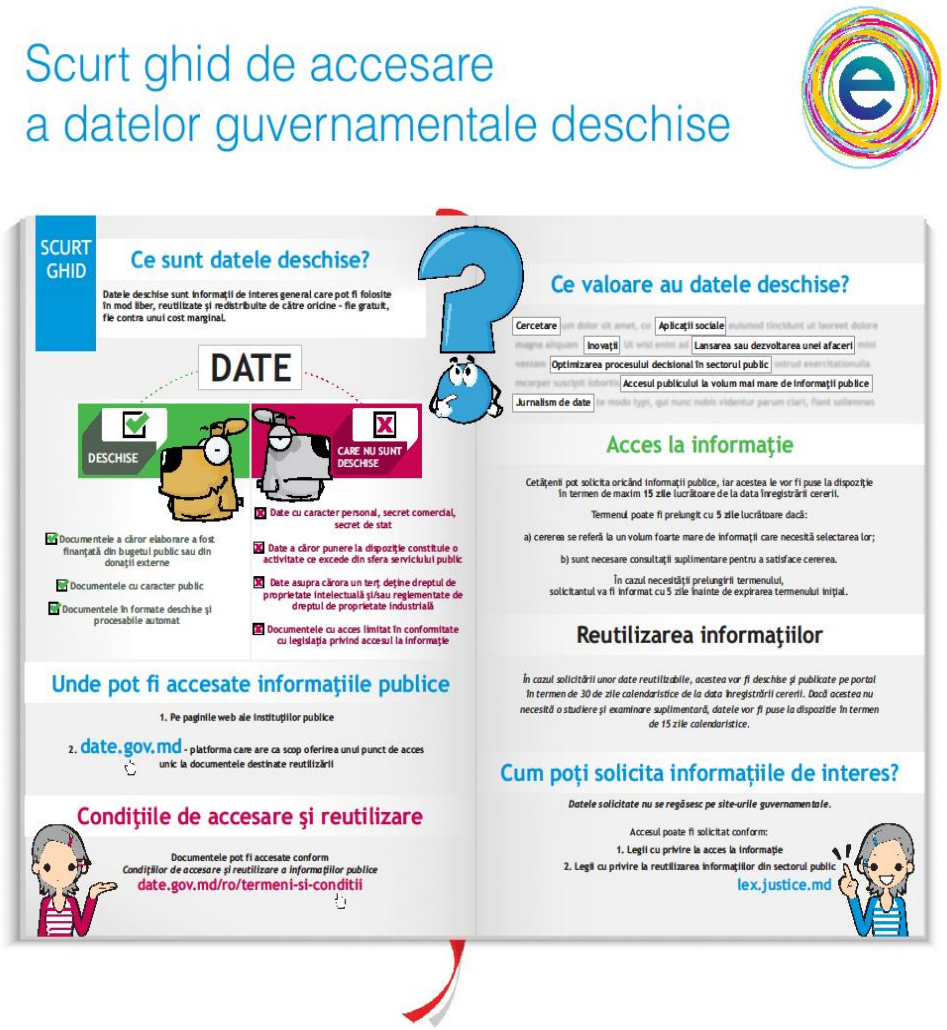
List of public government data to be open in 2012 – consulted with civil society

Open Data Catalogues of Central Public Institutions

OPEN INNOVATION WEEK, MAY 2012

ABC of Open Data





egov.md
Facebook.com/datedeschise
@eGovCenterMD
@DateGovMD

MILESTONES: 2013 - OPEN GOVERNMENT PARTNERSHIP

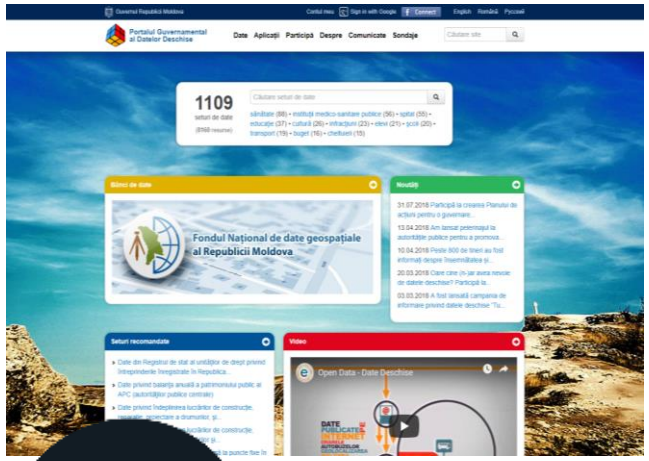
In March 2013 the Government of Moldova was awarded by Open Government Partnership in Eastern Partnership Countries and Russia, Transparency International Ukraine and British Embassy in Kyiv In recognition of the Government of Moldova contribution to the implementation of the Open Government Partnership

MILESTONES

2014

Februarie

Version 3.0 of Portal
www.date.gov.md



May-August

- **Concept on OD Principles**
- **Methodology for OD Publishing**
- **Social Innovation Camp (July 2014)**

1 Opening data by-default and pro-actively
2 Sensitive Data Protection
3 Opening primary data
4 Discoverable online
5 Timely publishing
6 Open and machine-readable formats
7 In bulk publishing
8 Describing data
9 Re-use of data (Law# 305 from Dec. 26, 2012)
10 Prioritization

December

OD included in Public Services Reform Action Plan

MILESTONES

Open Contracting

August 2015 | June – October | November - December

2015

Corporate Open Data
(downloads increased 4 times)

OD Catalogues

Implementing Open Contracting Standard

- 4 institutions
- 4 Open Contracting monitoring projects

Training, Social Innovation week, Boots for Journalists

OPEN CORPORATE DATA

MILESTONES

Institutional reform. The strategy of public administration reform.

2016-2017

Embedded OD

OD Institutional Catalogues

SmartCity and Anti-Corruption Hackathons

Implementing Open Contracting Standard

6 institutions

Assessment

- ***Champions among authorities in publishing datasets:***
  - Ministry of Health
  - Ministry of Interiors
  - National Statistics Bureau
  - Ministry of Economy
  - State Tax Service
  - Ministry of Education

APPLICATIONS BASED ON OPEN DATA

Open Procurement

BOOST SPENDING AND PERFORMANCE DATA AND RESULTS

Open Budget Spending

Open Foreign Aid

Open Legislation

Open Statistics

Open Geoportal

BUDGET MD stories

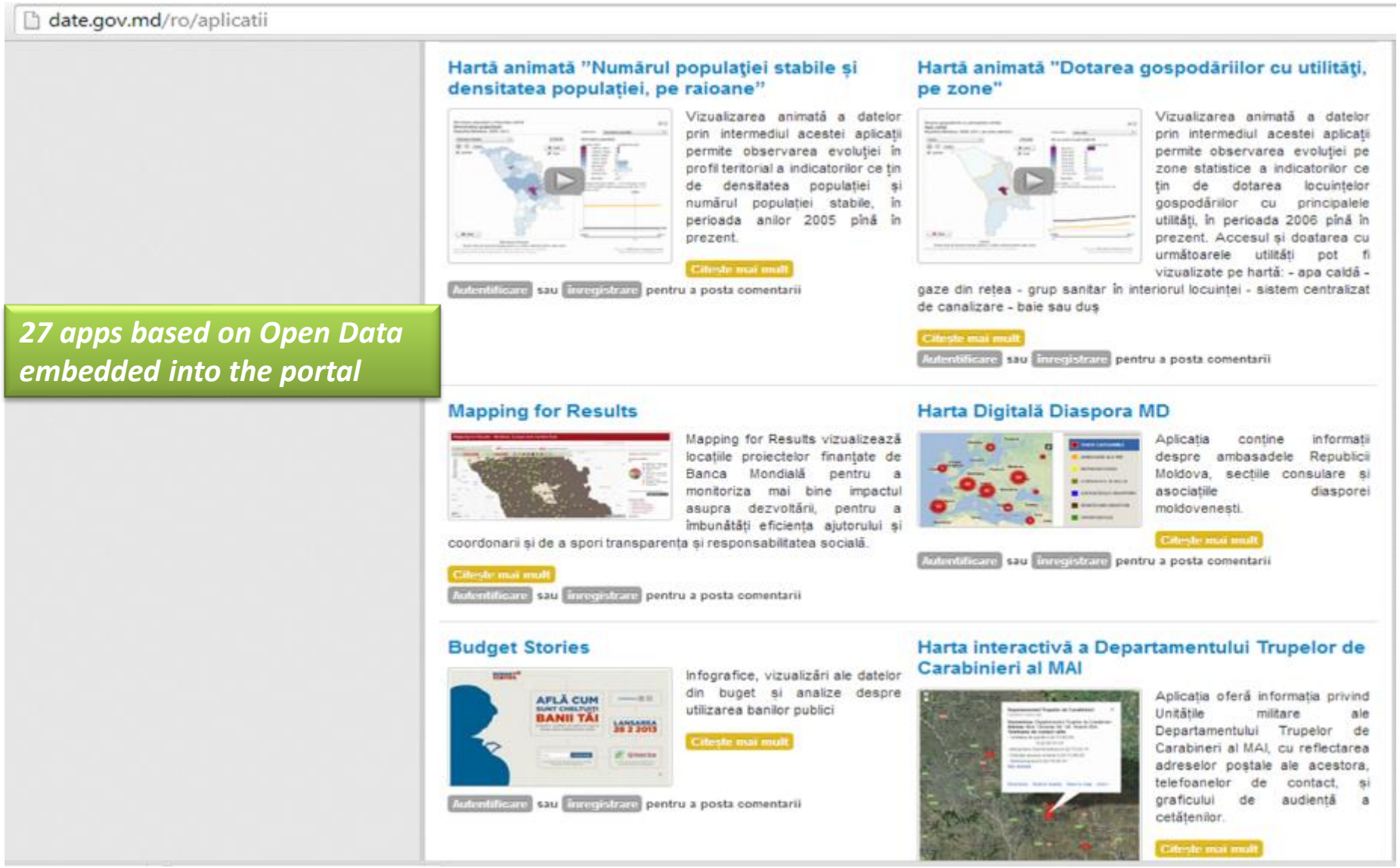
LaEtaj

OPEN MONEY

ȘCOALA MEA

APPLICATIONS BASED ON OPEN DATA INCLUDED IN OD PORTAL

27 apps based on Open Data embedded into the portal



OPENMONEY.MD

- ***real beneficiaries of public procurement contracts***
- ***top companies, services, product types, government agencies***
- ***automatic detection of suspicious relationships.***

BUDGETSTORIES.MD - FIND OUT HOW YOUR MONEY IS SPENT!

BOOST

THE WORLD BANK
IBRD • IDA

Search GO

ABOUT | DATA | RESEARCH | LEARNING | NEWS | PROJECTS & OPERATIONS | COUNTRIES

Open Budgets Portal

- Home
- About
- BOOST Initiative
- By Country
- Tools and Resources
- BOOST Data Lab
- Budget Work Map
- Moldova - Databases

DATA LINKS

- Interactive Tables (English)
- Interactive Table (Romanian)
- Download entire dataset (Excel, 79.48 MB) - Expenditures 2012-2015 (English)
- Download entire dataset (Excel, 94.57 MB) -

This page in: English

Moldova

Like Tweet SHARE

Photo: © World Bank

HIGHLIGHTS

- *First country in the world to publish the entire BOOST expenditure dataset in one consolidated Excel file.*
- *Very detailed expenditure database, including school level data on yearly basis since 2005.*
- *Yearly updated, curated and disseminated by the Government of Moldova.*

INTRO | OFFICIAL REPORTS | CIVIL SOCIETY GROUPS | BUDGET CALENDAR | HIGHLIGHTS | BOOST AT A GLANCE

The Moldova BOOST government expenditure database was constructed on the basis of treasury data provided to the World Bank

BOOST

Portalul Guvernamental al Datelor Deschise

Date Aplicații Participă Despre Comunicate Sondaje

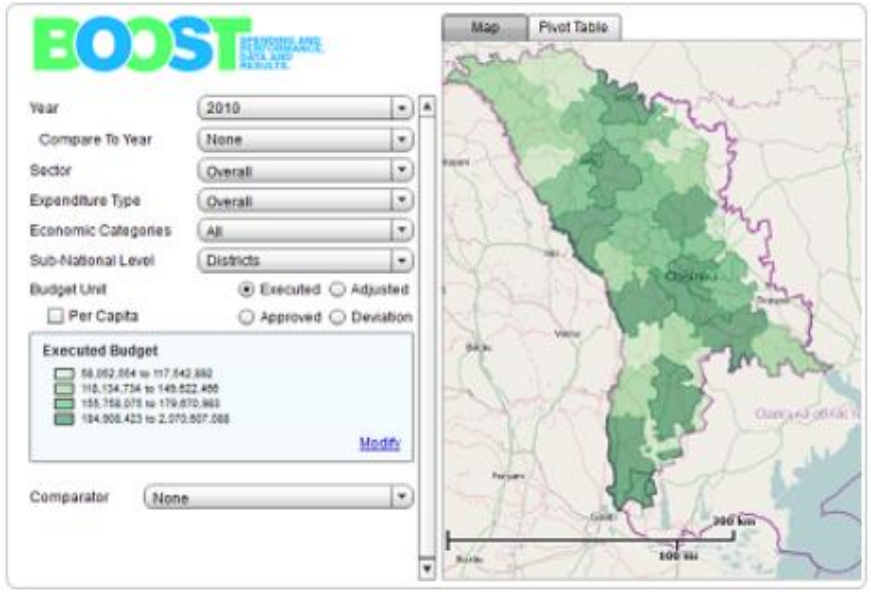
Căutare site

Acasă » Aplicații

Aplicații

- GenderPulse
- Openmoney.md
- IDNO.MD
- Bizzer.md
- Official Alert
- Laetaj.md
- Harta Digitala MAIA
- Harta animată "Evacuarea substanțelor poluante în aerul atmosferic"
- Harta animată "Efectivul animalelor în gospodăriile de toate categoriile"
- Calculatorul speranței de viață

Web BOOST



Aceasta aplicatie prezinta Bugetul Public National in format web.

Grupuri: Finanţe şi Buget

Cuvinte cheie: finanţe buget cheltuieli publice

IDNO.MD

Companii în Moldova: 215955
Înregistrate în ultima lună: 231
Lichidate în ultima lună: 324
I D N O .md
ACHIZIȚII PUBLICE
DESPRE
BLOG
CAUTĂ INFORMAȚII DESPRE TOATE COMPANIILE DIN MOLDOVA
Scrie nume companie, fondator sau IDNO...
CAUTĂ
CĂUTARE AVANSATĂ

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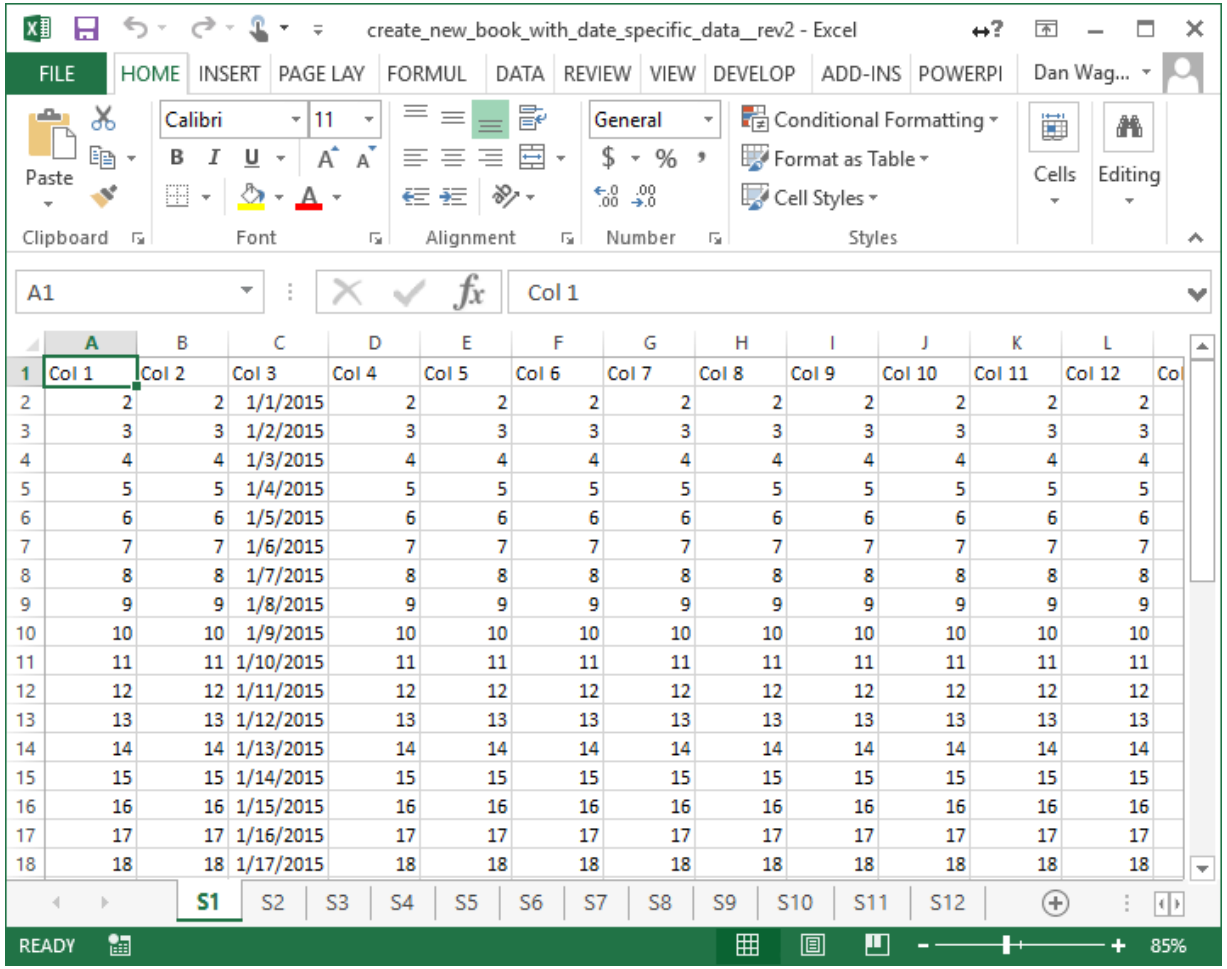

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3	3	3	1/2/2015	3	3	3	3	3	3	3	3	3
4	4	4	1/3/2015	4	4	4	4	4	4	4	4	4
5	5	5	1/4/2015	5	5	5	5	5	5	5	5	5
6	6	6	1/5/2015	6	6	6	6	6	6	6	6	6
7	7	7	1/6/2015	7	7	7	7	7	7	7	7	7
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17	17	17	1/16/2015	17	17	17	17	17	17	17	17	17
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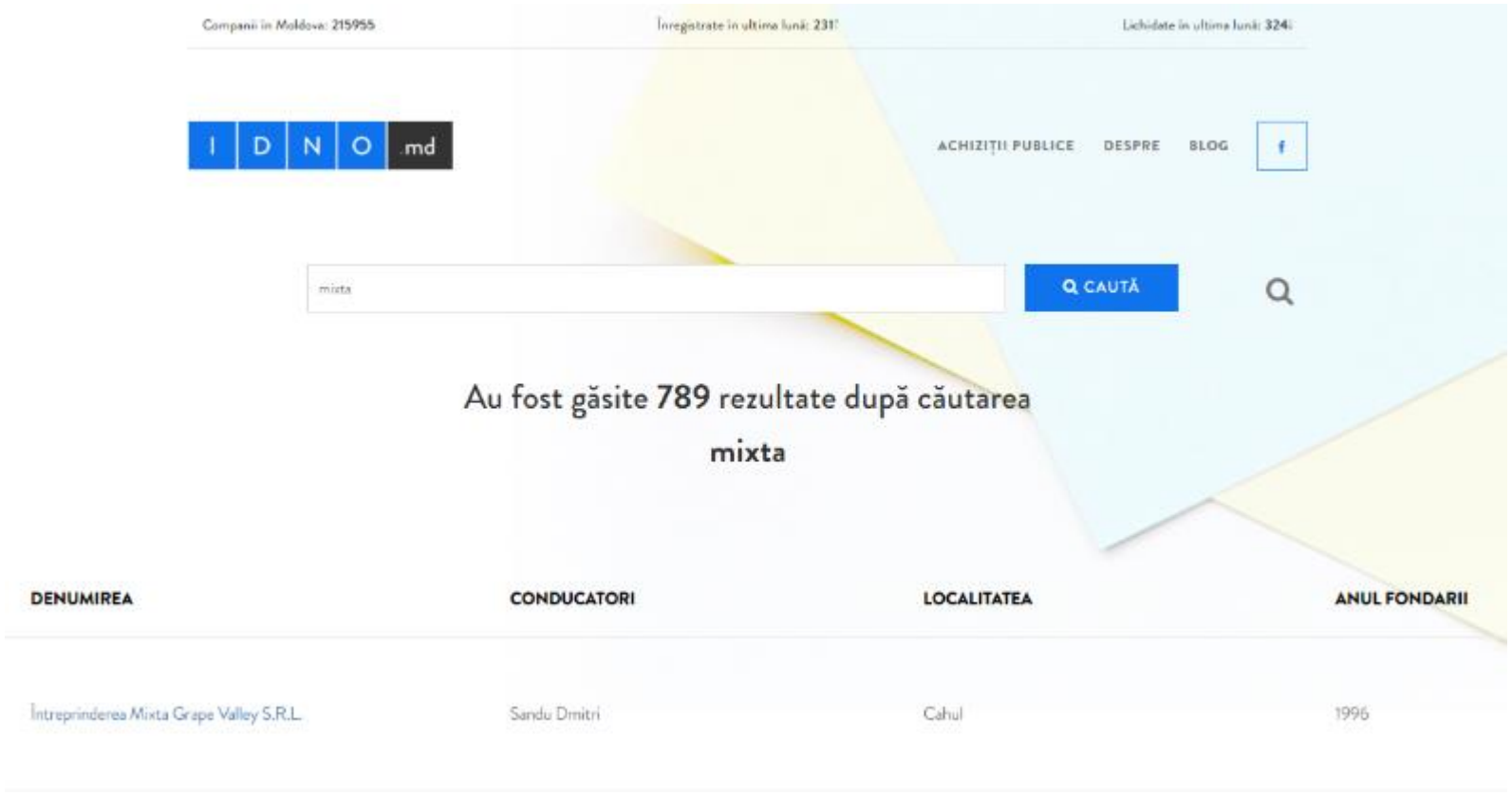
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CAUTĂ
Au fost găsite 789 rezultate după căutarea
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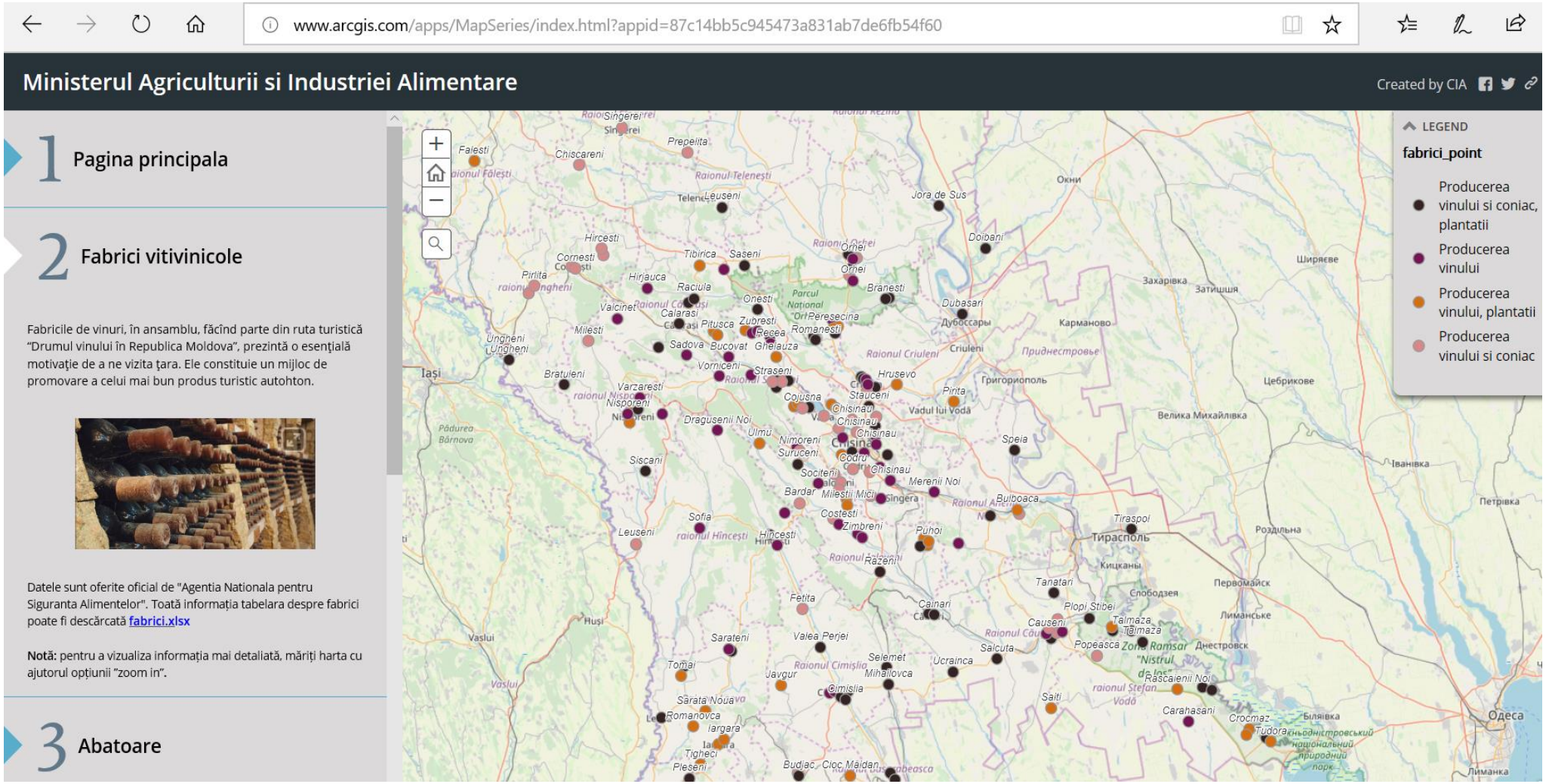
DENUMIREA
CONDUCATORI
LOCALITATEA
ANUL FONDARII
Întreprinderea Mixta Grape Valley S.R.L.
Sandu Dmitri
Cahul
1996

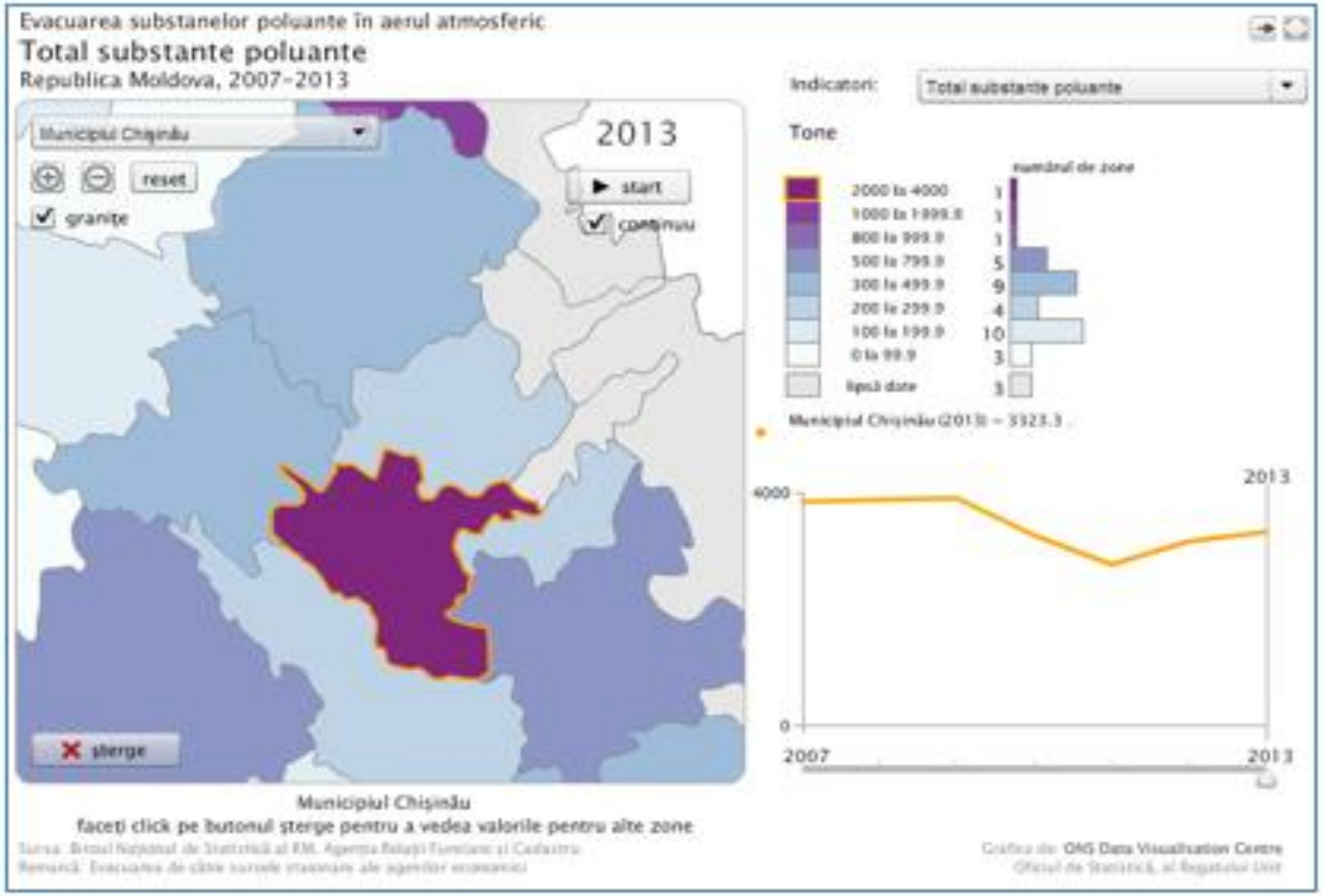
DIGITAL MAP OF AGRICULTURE AND FOOD INDUSTRY

Digital map showing statistics collected by the Ministry of Agriculture, Regional Development and Environment



ANIMATED MAP "POLLUTANT EMISSIONS INTO THE ATMOSPHERIC AIR"

allows you to monitor the territorial evolution of indicators related to the emission of pollutants into the air, including solid, gaseous and liquid substances, from 2007 to the present (BNS).



THANK YOU!

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