



Governmental State Informatics of Slovenia

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Slovenian Landscape

1995
local
networks
on **1100**
locations
**Private state
network**



180
applications
88
data bases
Data Centre



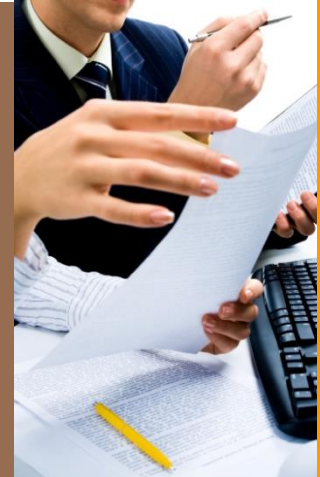
**State
Single
Contact
Centre**



58
**Administrative
Units**



256
Websites
56
Institutions



35.000
e-mail
users



233.000
electronic
identities



2.5 mio
per month
**Time
stamps**

State informatcs in numbers

Vision of the Slovenian State informatics

Cloud computing
as the primary
infrastructure
for PA

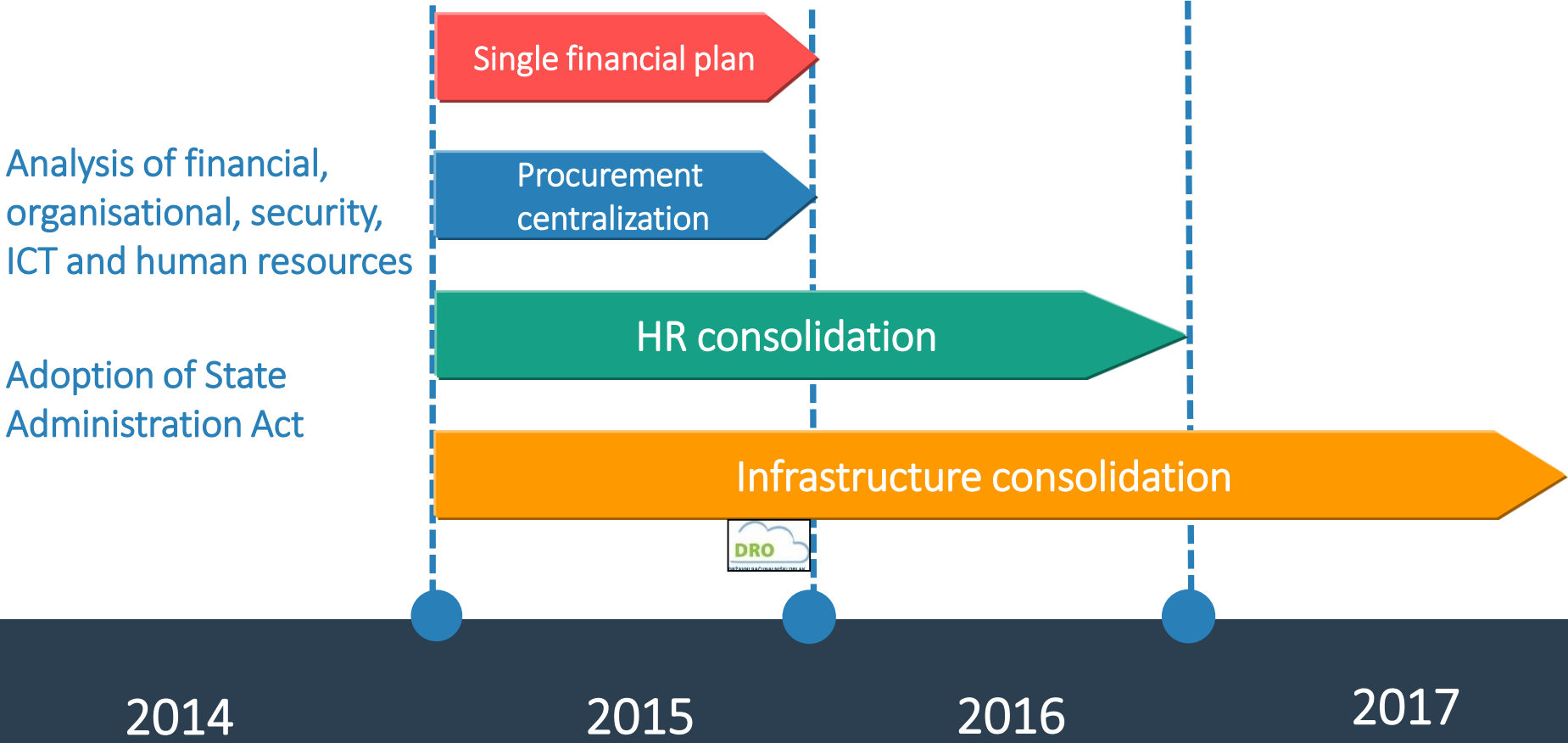
Single point of
access to cloud
services
for end users

Horizontal
Data Management
Services

Common
framework
for cloud services

Comprehensive
catalogue
of cloud services

Reorganization Action plan



Transition to cloud computing

Cooperation between the public administration, private sector and research sphere for innovative solutions

Modernisation and streamlining of public administration

Establishing a business information infrastructure

Establishing a platform for new job openings

Open services, which transmit data in real time, are easily accessible

IT solutions which are based on a common data and business platform with underlying cloud infrastructure

Protection of EU investments in ICT

Operational goals of the transition to cloud technology

Establishing a **standardised platform** based on open specifications which will also be easily transferable to a foreign PA

Data management for data driven and transparent PA by BI, big data open data

Publication of content through open online services directly from the common data layer

Providing an **innovative environment** which will enable implementation of new e-Services for the private sector

Establishing a tripartite development model **between the public administration, academia and economy**

 **Slovenian Gov-Cloud**



Public Cloud Computing




HRO Hybrid Cloud Computing

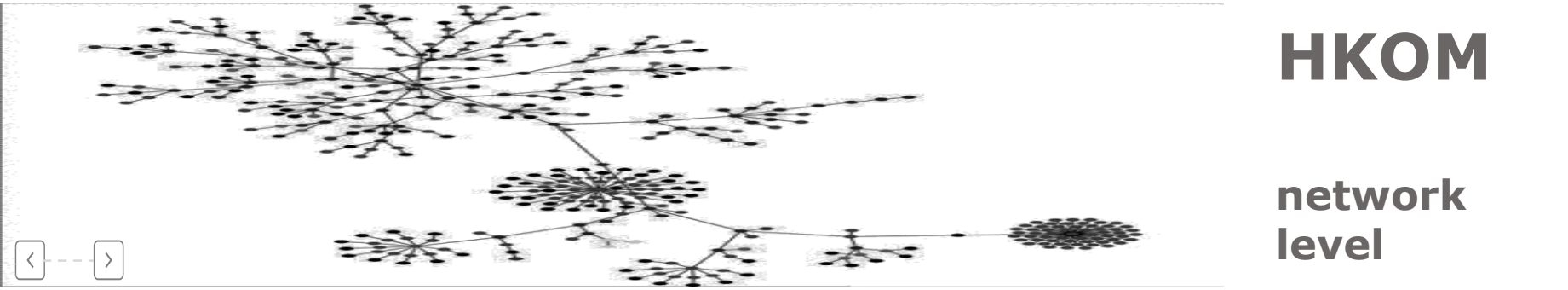
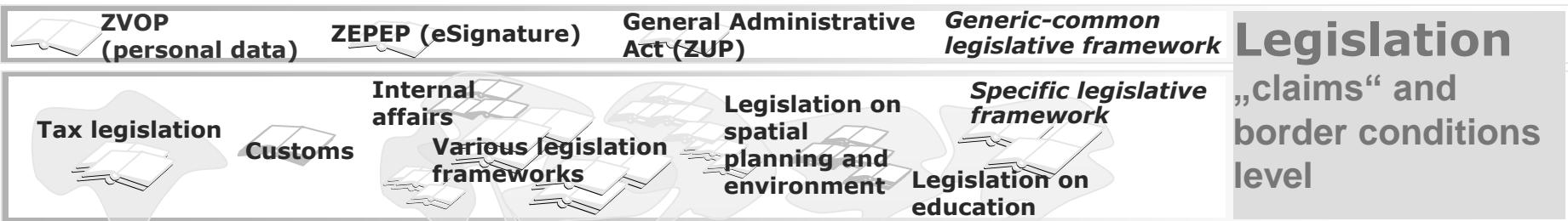


Selected public administration
up to 30.000

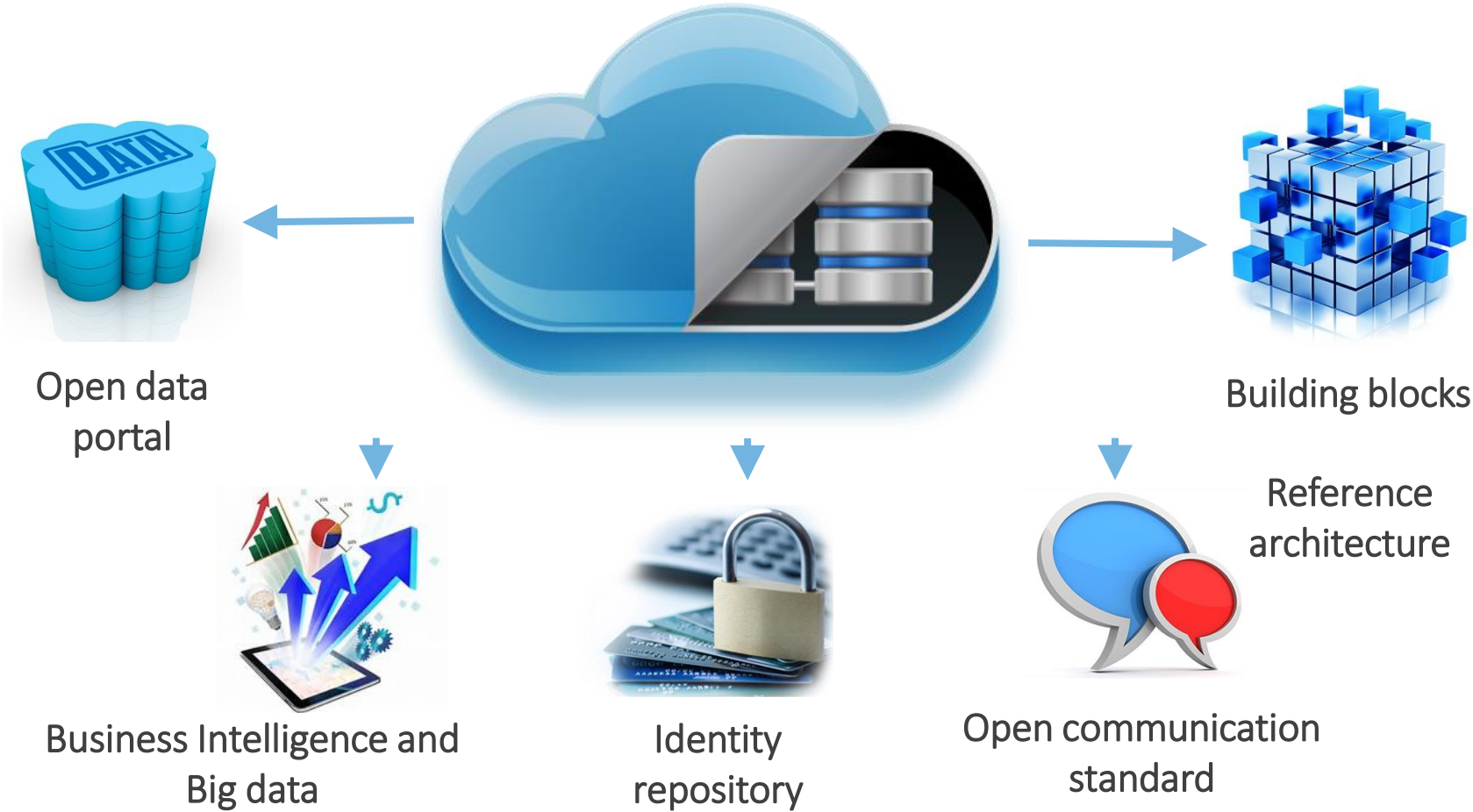
Public sector,
Local self-government
up to 160.000

Innovative cloud 





Unified approach to information systems development





Building Blocks for electronic data gathering

Tray

- central system for electronic data enquiries
- flexible, powerful internal BPM engine, autoresume



IO-module

- common platform for standardized data distribution
- excellent tool for the data owners, attribute control



Asynchronous module

- support for enquiries to data sources where synchronous access is not possible
- waiting room



Security Platform

- standardized management of users and their rights (authentication, authorization)
- human and system users, qualified digital certificates



Reuse of solutions

more reuse, more savings

TRAY

5 systems



IO module

10 systems



Security Platform

8 systems

20.000 users



* source: February 2016

Visibility

- The United Nations Public Service Award UNPSA
 - Winner 2013: Promoting Whole-of-the-government approaches in the Information Age, 1st place Europe & North America
[http://workspace.unpan.org/sites/Internet/Documents/2013 UNPSAWinners%20FINAL.pdf](http://workspace.unpan.org/sites/Internet/Documents/2013%20UNPSAWinners%20FINAL.pdf)
- OECD Digital Government Toolkit
 - Good practice case:
<http://www.oecd.org/gov/slovenia-SS-interoperable-data-gathering.pdf>
- National interoperability portal NIO
 - <http://nio.gov.si>
- EU Joinup interoperability portal
 - https://joinup.ec.europa.eu/search/apachesolr_search/gradniki
- YouTube presentation movies
 - https://www.youtube.com/channel/UCUU5gYqheZD9ZQaQOr_nvag
- EC Study on Open eGovernment Services (SMART 2014/066)
 - one of 10 selected examples of New Generation of eGovernment Services:
<https://ec.europa.eu/digital-single-market/en/news/final-report-study-analysis-value-new-generation-egovernment-services-smart-2014066>



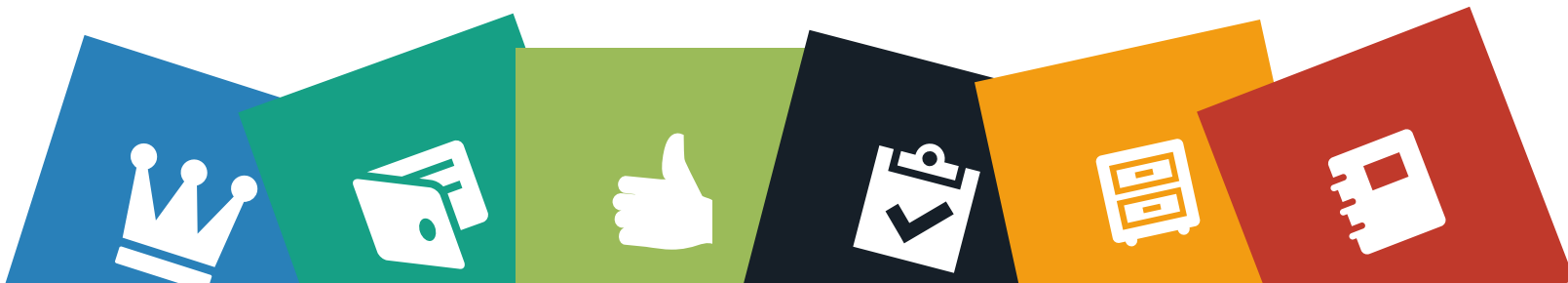
Building Blocks for electronic data gathering

Video Presentation

You Tube : <https://www.youtube.com/watch?v=70dxReNOvT4>



Trust and security!





SI-TRUST
SIGEN-CA



SI-TRUST
SIGOV-CA



e-Identities: citizens, companies



e-Identities: public administration

Qualified digital certificates

Qualified digital certificates

citizens

civil servants

companies' employees

servers

servers

stamps for institutions (planned)

stamps for companies (planned)

Use of mobile devices*

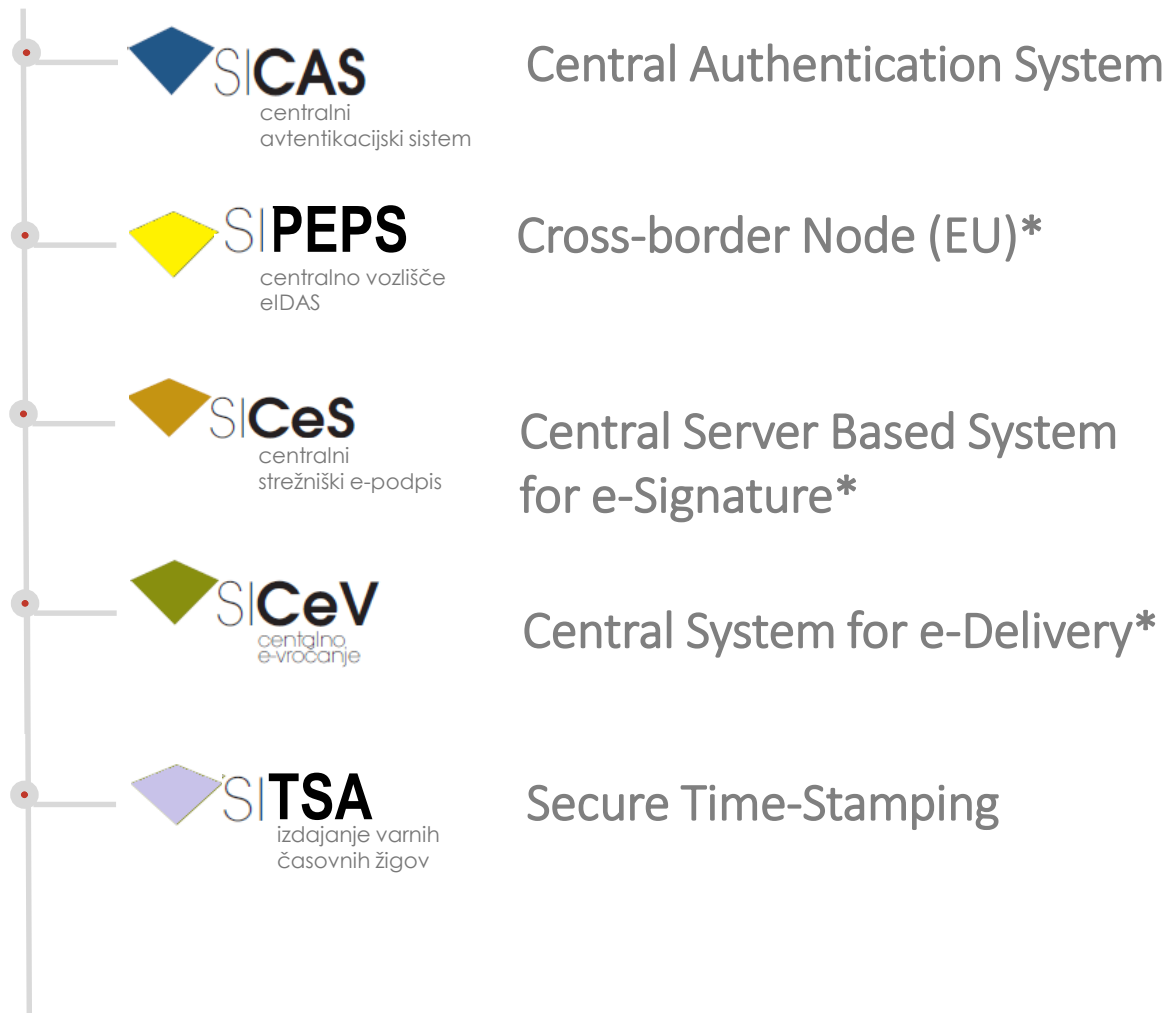
Use of mobile devices*



** Available in Q3 2017*



Central building blocks for trust services: “APP store” for developers and project managers



NEW e-Government State Portal

in production since November 2015

Key advantages of the new portal

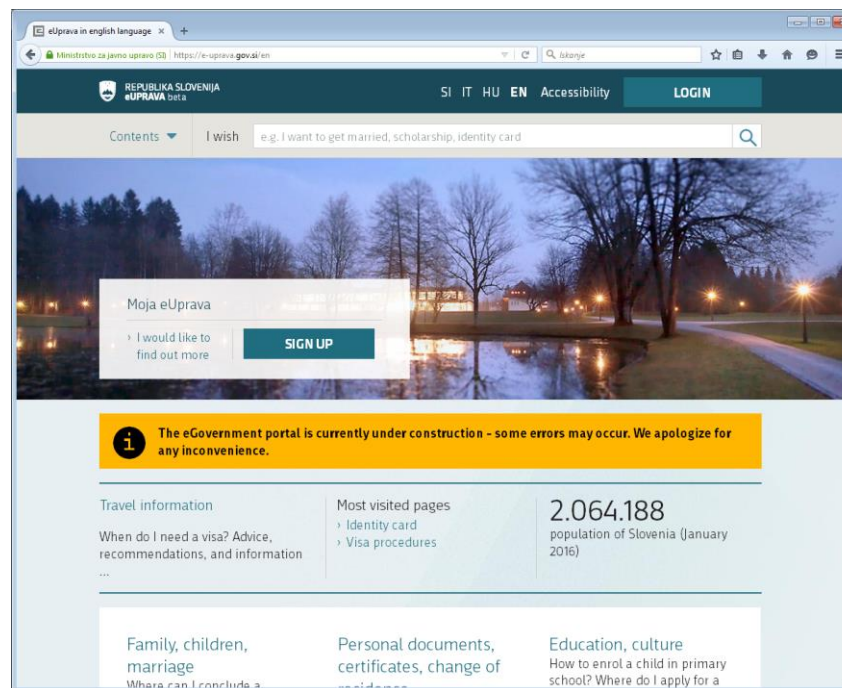
A good user experience

Clear content

Usable on mobile devices

Notifications on the status of the resolution of the application

Usable for people with disabilities



User-friendly

Efficient search engine

Back-end

Horizontal building blocks:

- SI-CAS (SI-PASS)
- Signature component
- Security platform
- The tray
- IO modul
- E-payment system
- Pricing

Back-office applications:

- CMS for editors
- System for applications Generator vlog
- Events and gatherings
- Bulletin board
- Search engine
- Piwik



Data sources:

- CRP
- IDVDOK
- eRISK
- GURS RPE in REN
- MRVL, dMRVL
- eDajatve
- RAZ
- RPS
- PRS
- IPP

Back-office systems for receiving applications:

- SPIS 1.45
- SPIS 4
- INSPIS
- IS-CSD
- FURS
- CKE
- Police

After 1 year....

> 30.000

registered users

> 30.000

submitted electronic applications

25.000

events and meetings

15.000

announcements on the bulletin board

> 6.000

unique daily visitors



THANK YOU!