

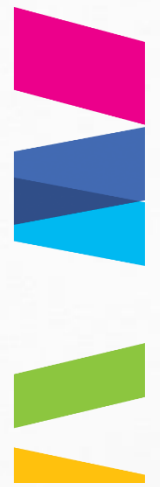
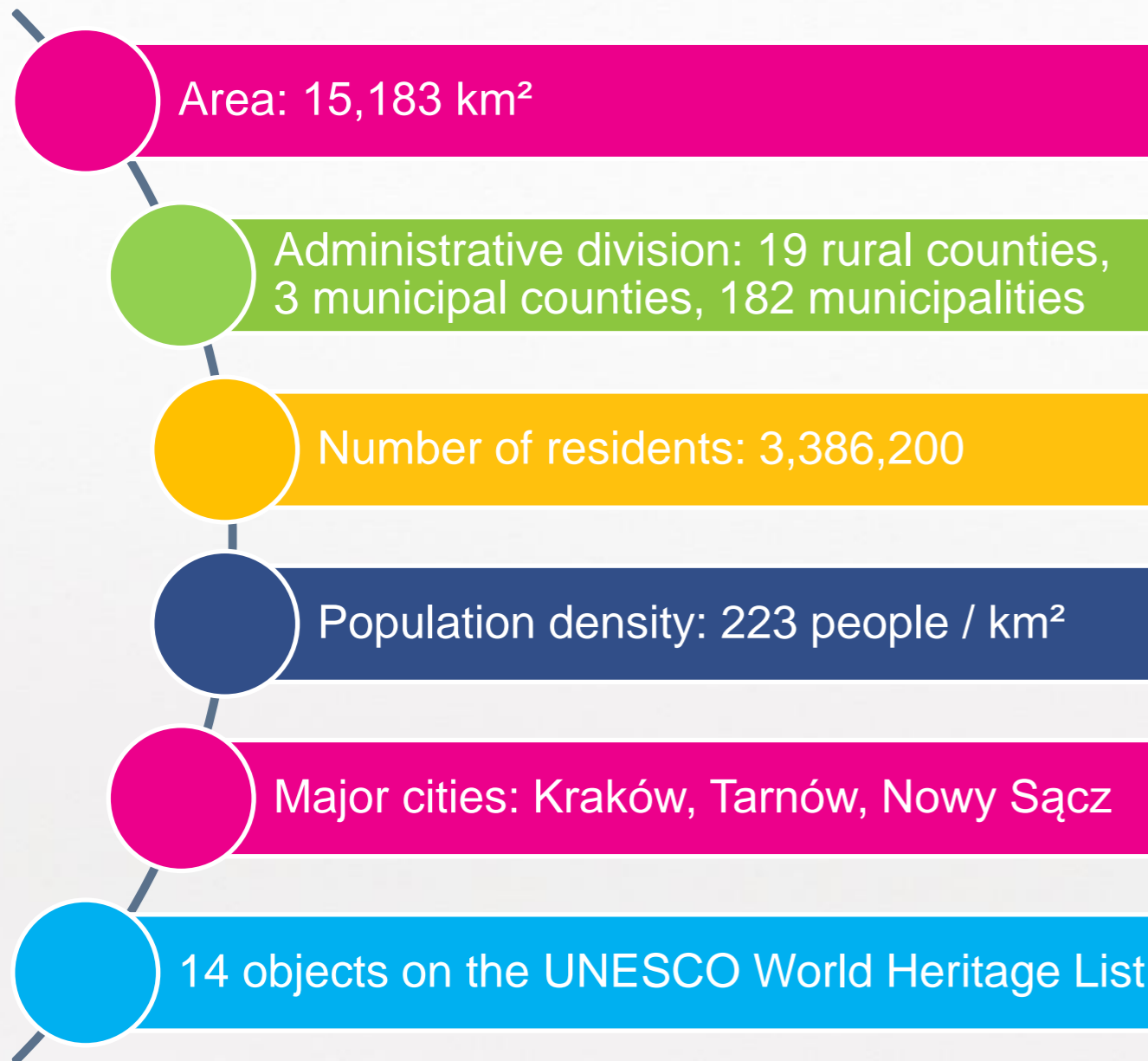
The role of databases and IT applications in implementation of the Regional Operating Programme 2014-2020 – experiences of regional administration.

dr Hubert Guz

Budapest, 5-6 March



MAŁOPOLSKA REGION IN NUMBERS



BPO sector - 6th in the World, 1st in Europe,
Employment in this sector - around 90,000

SELF-GOVERNMENT OF THE MAŁOPOLSKA REGION

The Sejmik of the Region (the Regional Council)

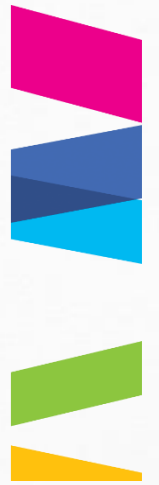
- Legislative and controlling body – 39 Councillors

The Management Board (MB)

- Executive body - 5 members

The Marshal of the Region

- Chairman of the MB, representative of the Region in international cooperation;
- The head of Marshal's Office - 1200 employees



THE MARSHAL OFFICE OF THE MAŁOPOLSKA REGION

The Marshal directs the Office with Vice-Marshals, Members of the Board, the Secretary of the Region, the Treasurer and Directors of Departments.



the mission:

"efficient and effective public regional administration office, implementing, jointly with **partners**, the statutory and own tasks for the development of the Małopolska Region".

The most important tasks of regional self-governments

**creating
conditions
for regional
development**

maintenance
and
development
of road
infrastructure

shaping the
natural
environment

development
of human
resources

social
integration
and health



ABOUT THE FUNDS

Reducing of the development disparities between regions in order to strengthen the economic and social cohesion

The European Union supports a range of activities aimed at:

- enhancing the competitiveness of the economies of the Member States (e.g. building infrastructure)
- tackling unemployment
- improve sustainable development



INTEGRATION OF POLAND WITH THE EUROPEAN UNION

Pre-accession funds

- Funds available before May 1, 2004
- Funds available from the European Union and The World Bank;
- Programmes such as PHARE ESC, PHARE CBC, ISPA, SAPARD, RURAL DEVELOPMENT PROGRAM

EUROPEAN FUNDS 2004-2006

Integrated Regional Operational Programme – only - 185 mln €

- 1 of 7 operational programmes
- support for regions: road infrastructure, transport, environmental protection
- social infrastructure, tourism and cultural infrastructure, information society, rural and urban development
- co-financed from the European Regional Development Fund (ERDF) and the European Social Fund (ESF)



EUROPEAN FUNDS 2007-2013

Małopolskie Regional Operational Programme 2007-2013 ERDF

The Self-government becomes the **Managing Authority**,
Budget: 1,35 bilion €

Objective: to increase the competitiveness and innovative capacity of Małopolska, to enhance the internal cohesion of the region and to the develop **institutional potential** of Małopolska-based entities.

DISTRIBUTION OF FUNDS

- I: Conditions for the development of the knowledge society - **12%**
- II: Regional opportunity economy – **12%**
- III: Tourism and culture industry – **7%**
- IV: Infrastructure for economic development – **31%**
- V: Kraków Metropolitan Area – **13%**
- VI: Intra-regional cohesion – **13%**
- VII: Infrastructure for environmental protection – **7%**
- VIII: Trans-regional co-operation – **1%**
- IX: Technical assistance – **4%**

MROP in NUMBERS

LAUNCHED: 46 calls for projects

SUBMITTED AND EVALUATED: 1 840 projects for € 1 678 m co-financing

APPROVED: 1 159 projects for € 1 169 m co-financing

VERIFIED: 7 891 payment claims . € 1 153 m - total amount of funds reimburse

PERFORMED: 1 798 on-site checks

CERTIFICATION: use of over 100% of funds



EXPERIENCES 2007 - 2013

Lots of data

Lots of papers

Difficulties in management
without IT tools

Time-consuming
communication

Extended evaluation
process

Success in using own databases

Development of specific
assessment standards

Raising the level of knowledge and
awareness about the role of the EU

Increasing the role of self-
government in the development of
the region



IT SYSTEMS SUPPORTING THE IMPLEMENTATION OF EU PROGRAMS in 2007-2013 PERIOD – lessons learned



The national IT system

- KSI SIMIK **STRANGE EXPERIENCE**

Regional system

- RSI - application forms (AFs), assessment of AFs, reimbursement claims **BAD EXPERIENCE**

Additional systems

- Based on database MS Access
- FTP data exchange folder **GOOD EXPERIENCE**

EUROPEAN FUNDS 2014-2020

Regional Operational Programme for the Małopolska Region for 2014-2020

2.87 billion euro from the European Funds.

It is the second largest regional programme in Poland.

The programme consists of thirteen one-fund priority axes.
Co-financed with ERDF and ESF

1. Knowledge economy

2. Digital Małopolska

3. Entrepreneurial Małopolska

4. Regional energy policy

5. Environmental protection

6. Regional Heritage

7. Transport infrastructure

8. Labour market

9. Socially cohesive region

10. Knowledge and competences

11. Revitalization of regional space

12. Social infrastructure

13. Technical Assistance

LOCAL INFORMATION SYSTEM – THE e-RPO

We have started work on:

- Full electronic service of Applicants
- Online assessment of project
- On-line communication with access from anywhere
- Office "without paper"
- E-signature
- Customer's support - on-line technical support



e-RPO

Lokalny System Informatyczny
Województwa Małopolskiego

Following the principle of e-Cohesion
policy defined by the EC

WE DECIDED TO BUILD THE SYSTEM and TO BUILD IT OURSELVES

Due to bad experiences with using of the earlier system

High purchase costs

Difficult cooperation with previous contractors of system

Lack of flexibility in changing the system



OUR POTENTIAL (OUR POOR POTENTIAL)



2,5 programist

2 people of call
service

experience

strong will

STRATEGIC OBJECTIVES OF IMPLEMENTATION OF THE e-RPO SYSTEM



Support for the
implementation of the
RPO WM 2014-2020

Improving the functioning
and management
processes of European
funds

Providing the MA with a
modern tool that allows to
adapt to the requirements and
trends in the field of electronic
communication

Improving the quality of
Beneficiaries services



Use the IT system

MAIN ASSUMPTIONS OF THE e-RPO SYSTEM



Saving time
and
money

Compatibility with
systems already
functioning in
implementing
institutions.
Compatibility with
the Central IT
System - SL

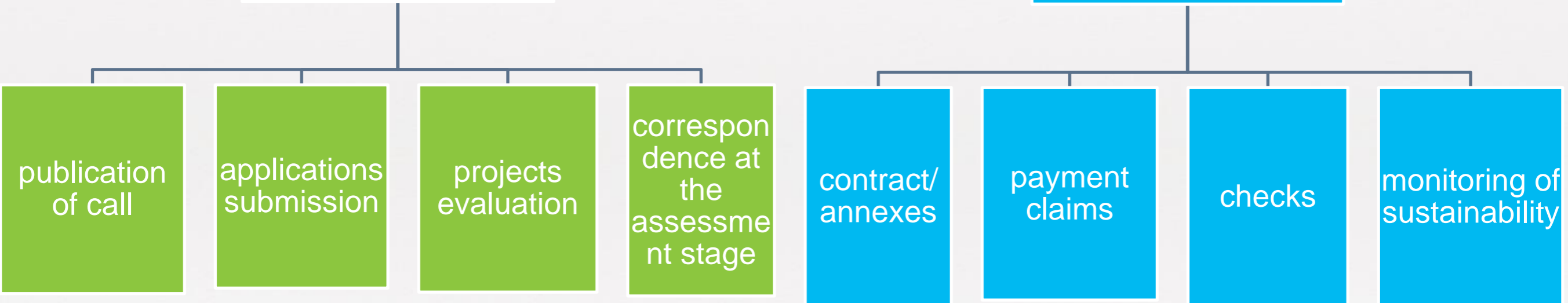
Confirmation of the
authenticity of data
and documents
transferred within
the system is
ensured by using
the technology of
qualified electronic
signature

System which
supports three
categories of users:
Beneficiaries
MA **Employees**
Experts

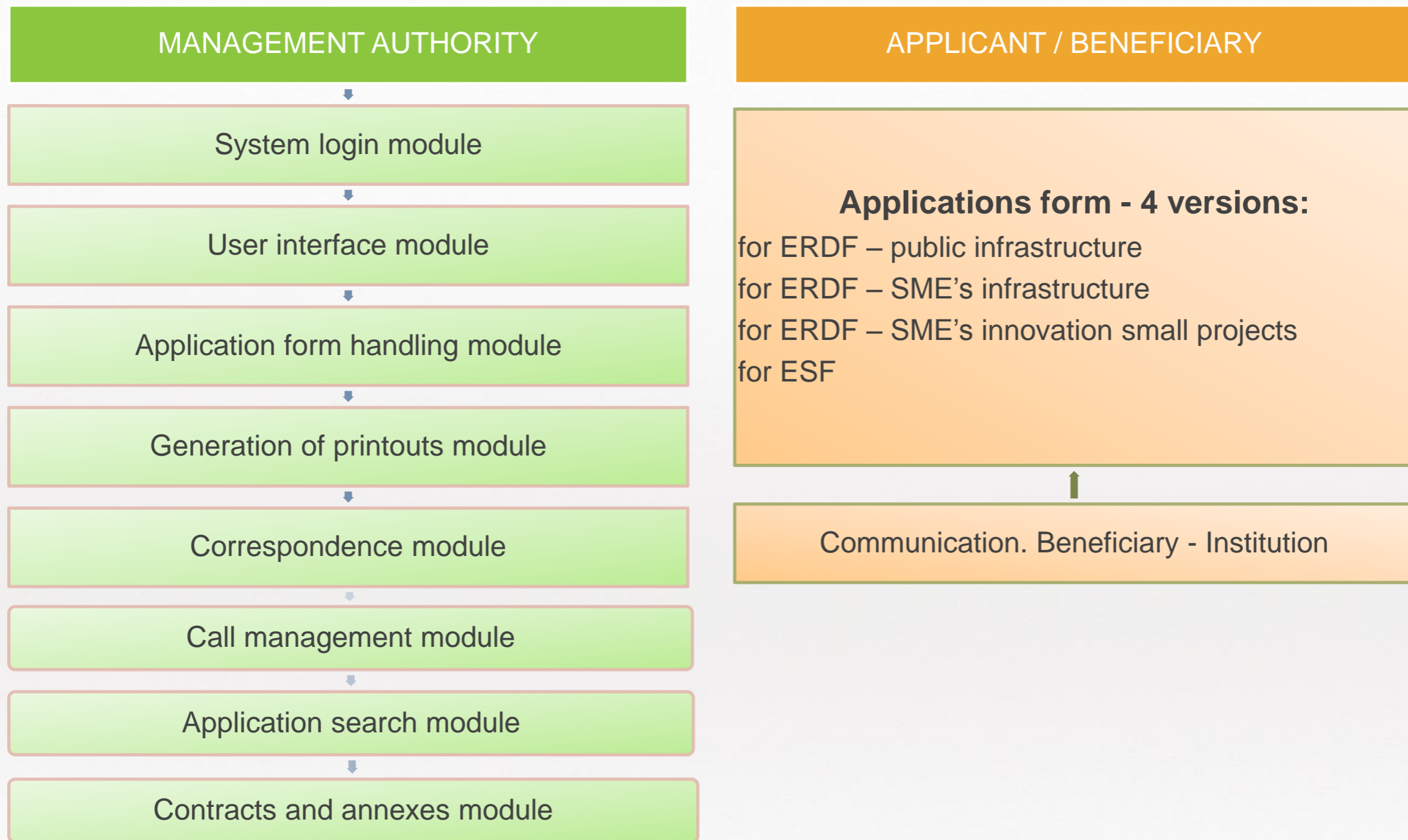
Enabling electronic
communication
with the Beneficiary
(no need to deliver
paper documents
to the
implementing
institutions)

Each beneficiary
has its own system
account, access to
which will be done
through the use of
unique logins and
passwords

PROJECT LIFE CYCLE



THE e-RPO SYSTEM FUNCTIONALITY



USER INTERFACE MODULE ON THE EMPLOYEE'S SIDE



Calls management

Expert management

Project folders



Zarządzanie naborami



Statystyki oceny



Zarządzanie Ekspertami



Obsługa pism



Teczki projektów



Protesty

Assessment statistics

Documents service

Protests

THE E-RPO SYSTEM INTERFACE ON THE APPLICANT/BENEFICIARY SIDE

The screenshot displays the e-RPO system interface for the applicant/beneficiary side. The header includes the logo and text: "e-RPO Lokalny System Informatyczny Województwa Małopolskiego". The breadcrumb navigation shows "Teczka projektu" and "Generator wniosku aplikacyjnego".

Strona tytułowa	Program operacyjny	REGIONALNY PROGRAM OPERACYJNY WOJEWÓDZTWA MAŁOPOLSKIEGO NA LATA 2014-2020
A Dane Wnioskodawcy	Nazwa Wnioskodawcy	
B Opis Wnioskodawcy	Tytuł projektu	
C Inne podmioty zaangażowane w realizację projektu	Oś priorytetowa	Przedsiębiorcza Małopolska
D Rodzaj projektu	Działanie	Umiejdzynarodowienie małopolskiej gospodarki
E Opis projektu	Poddziałanie	Aktywność międzynarodowa małopolskich mśp
F Zakres rzeczowy	Numer naboru	RPMP.03.03.02-IP.01-12-008/16
G Cele projektu	Rodzaj naboru	Konkursowy
H Zdolność do efektywnej realizacji projektu		
I Pomoc publiczna		
J Zakres finansowy projektu		
K Podsumowanie kosztów		
L Źródła finansowania projektu		
M Analiza finansowa		
N Analiza ekonomiczna		
O Analiza ryzyka		
p Inne informacje niezbędne do oceny projektu		
R Załączniki		
S Oświadczenia		

A large green arrow pointing towards the application generator form contains the text "Application generator".



SERVER HARDWARE PARAMETERS

(some unimportant information)

- Architecture 64-bit
- OS: Windows Server 2012R2 operating system
- CPU: e5-2650 0
- RAM: 16 GB
- Network interface: 1 Gb/s

The server acts as a database. Data is collected in the MS SQL 2012 database located on the server

The server is the Windows Server 2012 R2 operating system. A database in the MS SQL 2012 configuration is installed on the database server.



SOFTWARE

(very important information)



QUALIFIED E-SIGNATURE

The secure signature technology is used in the e-RPO in contacts between the Applicant and Managing Authority

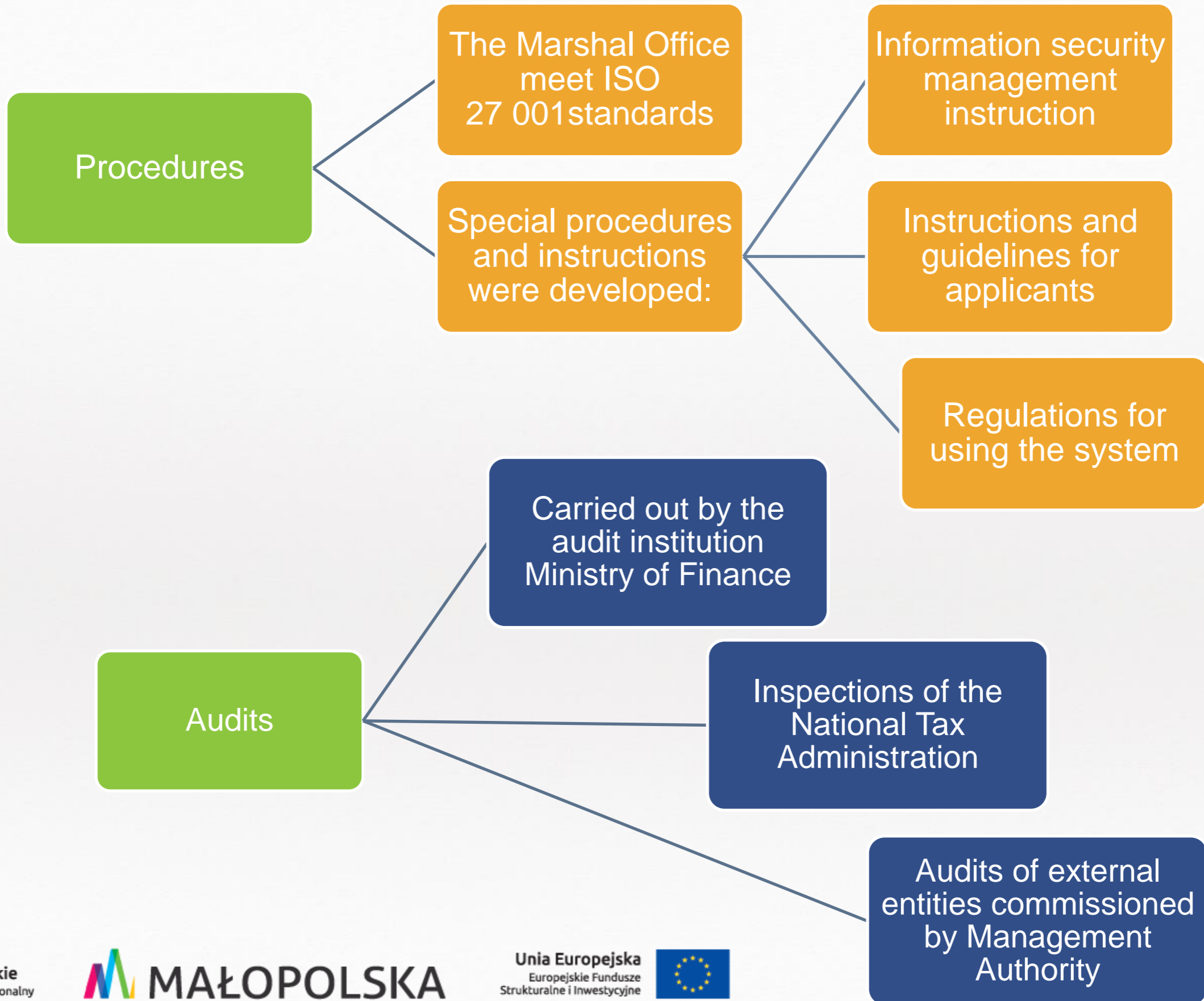
The signature files are an integral part of the project documentation and its evaluation can be found in the Correspondence tab.

Possibilities of using qualified signatures in the e-RPO:

- Signing application form and all documents (pdf) by applicant/beneficiary
- Signing assessment cards by employees
- Signing assessment cards by experts who evaluate projects



STANDARDS, PROCEDURES, AUDITS



THE E-RPO IN NUMBERS 2019



Launched calls:
363

Sent projects:
6 673

Signed
contracts:
2 661

Sent documents:
49 835

Official
acknowledgment
of receipt:
65 311

Sent emails:
158 889

- CHALLENGES



THE E-RPO SYSTEM USERS OPINIONS



		BENEFICIARIES	EXPERTS	EMPLOYEES
Number of surveys (pcs.)		276	137	180
Has the electronic document flow improved the implementation of the ROP?	YES	89%	96%	75%
	NO OPNION	4%	4%	6%
	NO	7%	0%	19%
Is the system helpful in applying process for EU funds ?	YES	82%	92%	77%
	NO OPNION	7%	3%	13%
	NO	11%	5%	10%
How would you rate the functioning of the e-RPO system?	GOOD	68%	89%	56%
	NO OPNION	26%	10%	37%
	BAD	6%	1%	7%

THE MAIN ADVANTAGES OF IMPLEMENTING the e-RPO SYSTEM for MANAGING AUTHORITY



Change in
Beneficiaries
attitude

Change in the
way of thinking of
our employees

Reduction of
paper
documents

Reduction of
archiving
activities

Greater detail
of collected
data

Flexibility
of making
changes

Easiest audit
trail

BENEFITS FOR LOCAL GOVERNMENT FROM THE THE E-RPO SYSTEM



**Good practices
in e-services**



**Saving time and
money**



**Caring for the
natural
environment**



**Flexible & comfort
work**



**Security of
transmitted data**



**Real-time
communication**



Thank you for your attention.