

# The Ministry of Finance of the Republic of Belarus www.minfin.gov.b

## Review of the existing information system of the Ministry of Finance of the Republic of Belarus (ASFR)

Minsk 2014



## The Ministry of Finance of the Republic of Belarus

### **Issues covered in the presentation**

- History of ASFR. 1.
- 2. ASFR content and functionality.
- 3. ASFR structure.
- 4. Budget planning.
- 5. Budget execution and reporting.
- Public Debt.
- 7. Interoperation with banks. Interoperation with ERIP.
- 8. Information security (regulatory framework and security elements).
- 9. ASFR technical architecture.
- 10. ASFR challenges.
- 11. ASFR modernization.
- 12. Data center and analytical reporting system.
- 13. Services delivered to the MoF by the Data-Processing Center.
- 14. Advanced training.
- 15. Conclusions.



#### The Ministry of Finance of the Republic of Belarus

### **History of ASFR**

- 1993 ASFR established (TSA opened at the National Bank, budget revenues accumulated at TSA);
- 1997 automation of budget planning, development of the budget applications package;
- 1999 automation of republican budget execution through the Treasury Territorial (TT) units;
- **2001** execution of the oblast budgets through the Treasury System;
- **2006** execution of the primary level budgets through the Treasury System;
- 2005 further ASFR development; automation of republican budget revenue accounting;
- 2005–2006 launching of the Republican Data Transmission Network of the Ministry of Finance of the Republic of Belarus into full time operation
- **2009** commissioning "Client of the Territorial Treasury" software into operation:
- **2012** commissioning "Reporting Module" software package into operation.



## The Ministry of Finance of the Republic of Belarus

### Missions of the MoF

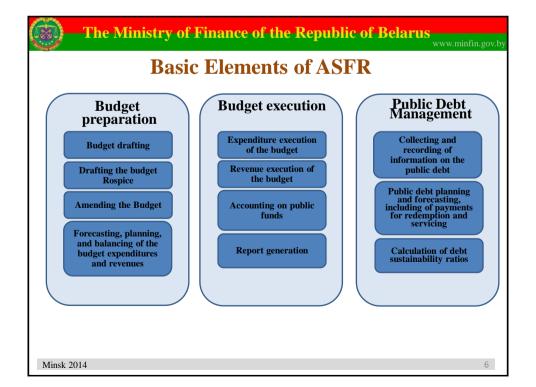
- ✓ Implementation of a common fiscal policy and coordination of other republican government agencies activities in relation to financial sphere.
- ✓ Developing proposals on ensuring growth of financial resources, improving fiscal relations between citizens and the government, as well as utilization of borrowed resources.
- ✓ Efficient implementation of fiscal policies.
- ✓ Management of domestic and foreign public debt of the Republic of Belarus, borrowing and servicing of external public loans comprising the external debt of the Republic of Belarus.
- ✓ Insurance government regulation.
- ✓ Accounting and reporting government regulation.



# The Ministry of Finance of the Republic of Belarus www.minfin.gov.bg

### **ASFR Functions:**

- 1) automation of the following elements of the budget process:
- ✓ drafting the budgets at all levels;
- ✓ execution of the budgets at all levels:
- ✓ interaction of Financial Departments and Treasury Units with other participants of the budget process (budget funds administrators and revenue collection agencies), as well as inspection agencies;
- ✓ insurance and audit management;
- ✓ record keeping of public securities;
- 2) exercising control over the earmarked use of the budgets resources by entities of the general government sector;
- 3) analysis of the economy, sector finances as well as finances of administrative-territorial units;
- 4) support to functioning of the MoF, its territorial agencies, and Financial Departments at subnational level, including ones not directly related to the budget process.





# The Ministry of Finance of the Republic of Belarus www.minfin.gov.by

## **ASFR Subsystems and Software Packages**

#### **Budget planning**

There are 2 software products in use.

- Software package for the republican and local budgets (KBZ)
- Software package "Main administrator of funds — administrator of funds)" (GRS-RS)

#### **Budget execution** and reporting

There are 16 software products in use.

Main ones:

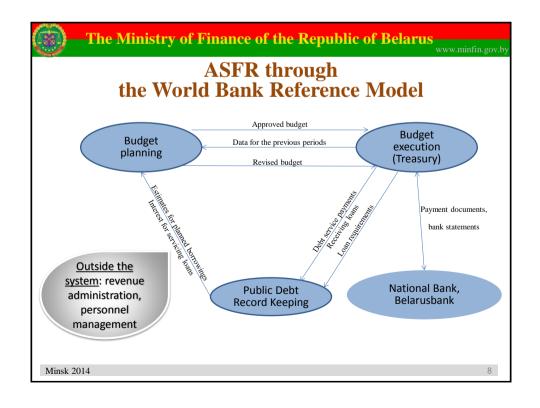
- Software package "Execution of the republican and local budgets'
- "Client of the Territorial Treasury" software
- "Accounting and Reporting"
- "AIS GK" program package part related to the republican budget revenue execution

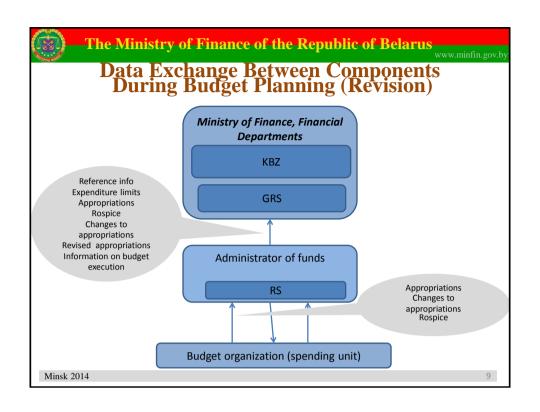
### **Public Debt** Management

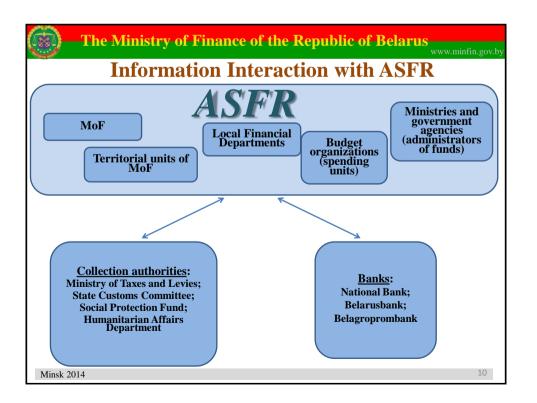
There are 5 software products in use.

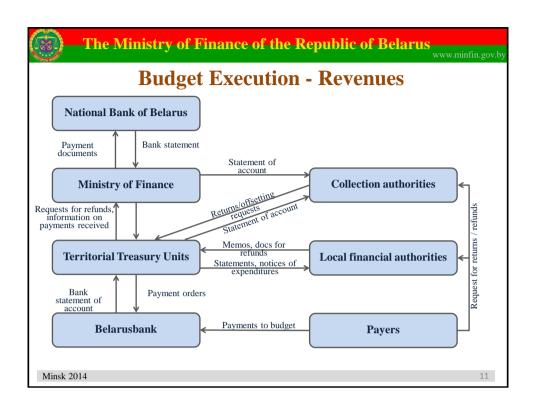
Main ones:

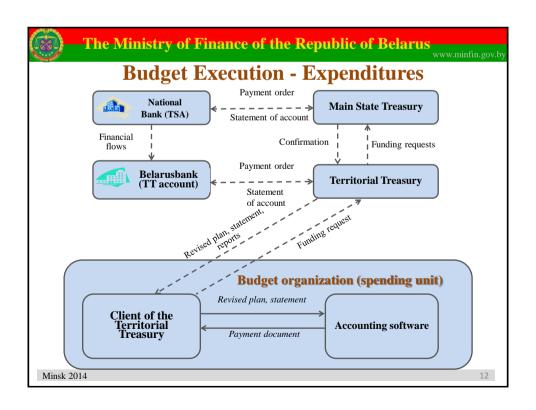
- "External debt record keeping, control, and analysis" software package
- •"Public debt record keeping" software package

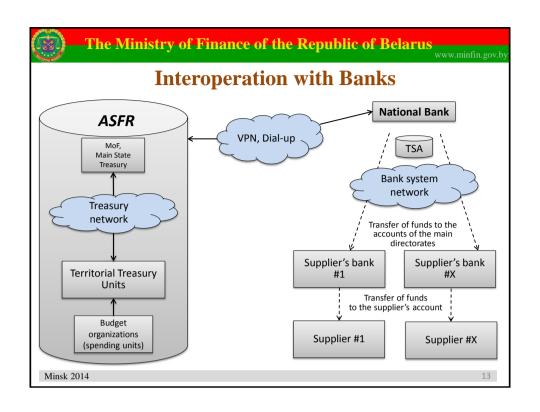


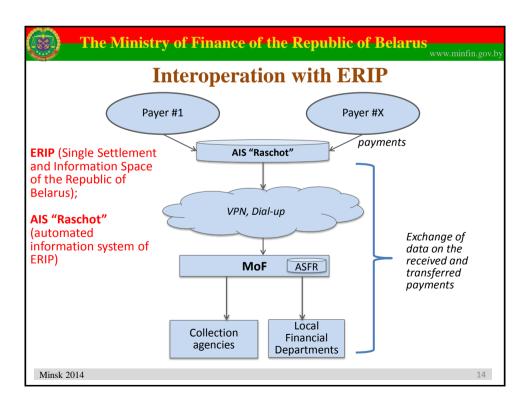


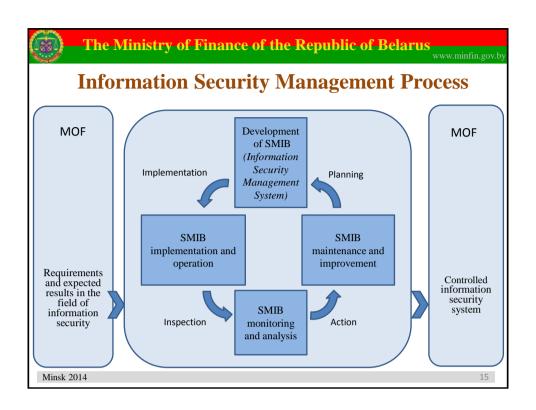


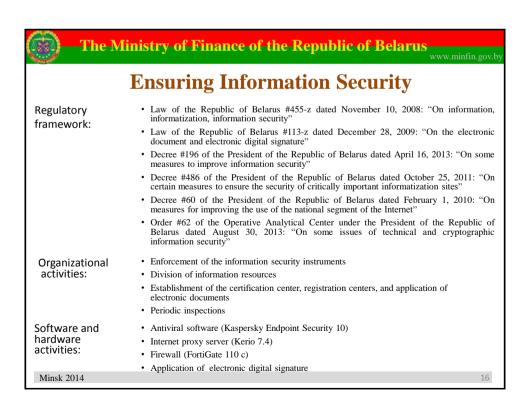


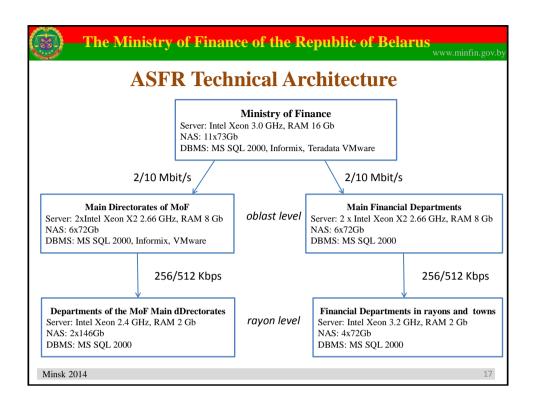


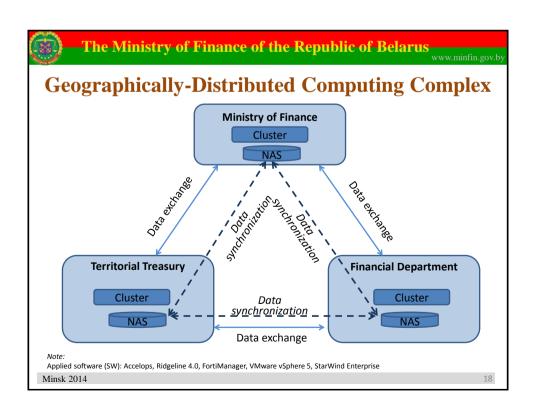










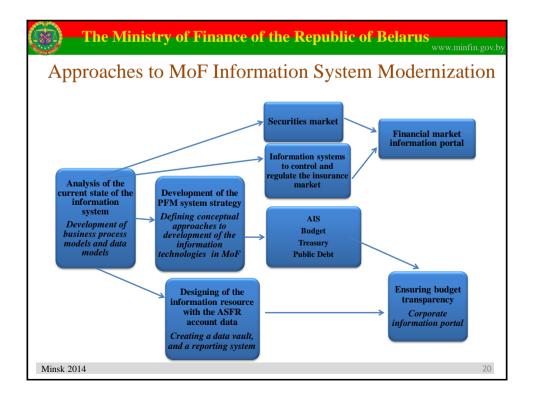




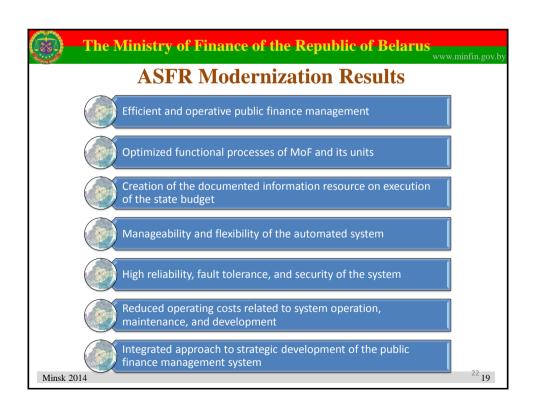
# The Ministry of Finance of the Republic of Belarus www.minfin.gov.b

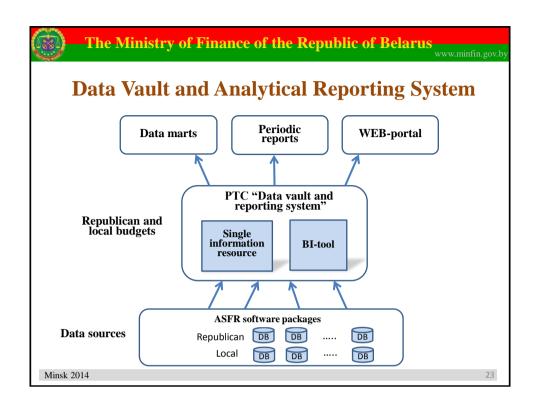
## **ASFR Challenges**

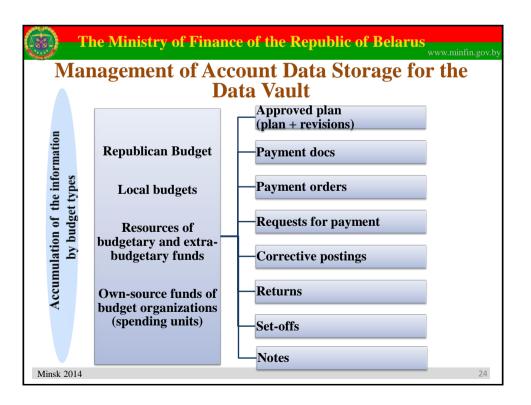
- Decentralized (by budget types) multi-tier system structure.
- Geographical distribution of the databases.
- A big number of software products deployed through different development approaches (ASFR comprises 43 software products).
- Lack of comprehensive operative (on-line) information on execution of the budgets.
- Variety of database management systems and programming languages.
- Use of obsolete technologies.

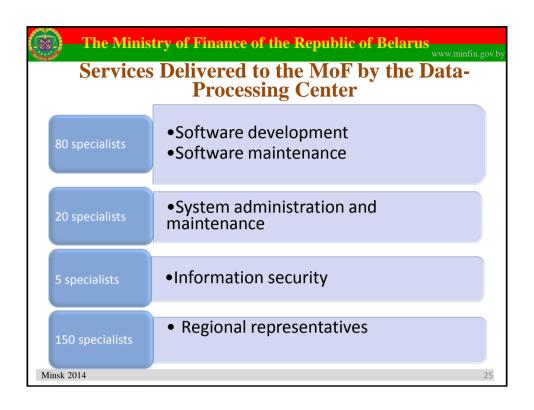


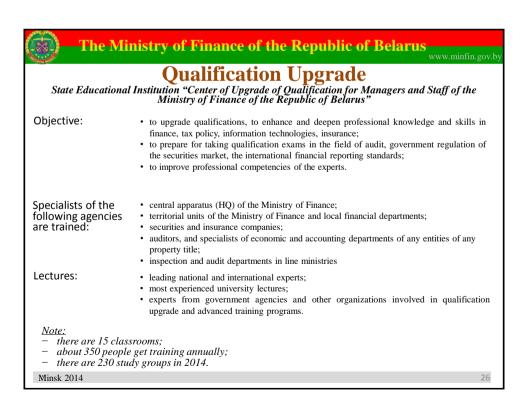














# The Ministry of Finance of the Republic of Belarus www.minfin.gov.b

## Thank you for attention

Minsk 2014



## The Ministry of Finance of the Republic of Belarus

#### **Glossary:**

AIS – Automated information system;

AIS GK – Automated information system of the State Treasury;

ASFR - Automated system of financial settlements of the Ministry of Finance;

DB – database;

Belarusbank - Belarusbank Open Joint-Stock Company;

Belagroprombank – Belagroprombank Open Joint-Stock Company;

GRS - main administrator of budget funds;

TSA – Treasury Single Account;

KZ(ST) – set of tasks;

PTC – software and hardware complex;

RS - administrator of budget funds;

SMIB - Information Security Management System;

PFM – public financial management;

NAS – network attached storage;

TT – Territorial Treasury