



Leveraging IT and Data Supporting Cash Management & Forecasting

Small Group presentation

Republic of Kazakhstan

Joint Meeting of TCOP Cash Management and Forecasting & IT Working Groups

Bucharest, Romania. February 18, 2026



1. Current Approach to Cash Flow Forecasting

Coverage

Forecast coverage

Liquidity of republican budget

Fully covered

Indicators

Main Aggregates

Revenue, expenses, budget loans, deficit, borrowings, receipts, etc..

Revenue Expenditure Credits

Horizon

Forecast Horizon

Daily

Monthly

Quarterly

Annual

Update

Forecast update

Daily update of data to ensure forecast relevance

 Daily



2. Data & Models Used for Cash Flow Forecasting



Data Sources

Government Information Systems

- > State Revenues Committee
- > State Assets and Privatization Committee
- > State Borrowing Department
- > Department for Tax and Customs Legislation
- > Ministry of Labor and Social Protection



Data Storage

Treasury Information System, information systems of other departments

- ☁ No centralized data warehouse



Data preparation

Data cleaning and adjustment is needed

- ⚙ Preliminary processing



Current status

- ✘ Lack of specialized software
- ✘ Lack of formalized forecasting models



3. Future Plans & Challenges

Current Status

- Scattered data
- Manual data consolidation
- Identifying cash gaps after they occur
- Lack of a unified forecasting module
- Different approaches to calculations

Planned model

- ✓ Unified forecasting module
- ✓ Centralized cash monitoring
- ✓ Automatic data collection and verification
- ✓ Real time monitoring
- ✓ Forecast based on plans and actuals
- ✓ Control of deviations
- ✓ Early warning about risks
- ✓ Data integration in the single system
- ★ Intellectual forecasting (AI)



Key Challenges



Forecast accuracy



Early risk detection



Reducing manual operations



Decision support





**Thank you for your
attention!**

Republic of Kazakhstan

Treasury system development

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