

# Enabling a Regulatory Body to Strengthen **External Commercial Borrowing (ECB)** Regulations to Reduce Risks



**CASE STUDY**

**About Client**



India's Banking  
Regulator

**Industry**



BFSI

**Service**



Application Services

# Business **Need**

The client, India's premier banking regulatory body, wanted to upgrade its current system to a state-of-the-art version that can provide a complete ecosystem for managing and mapping External Commercial Borrowings (ECB) and Trade Credit (TC) reporting and approvals. The solution

needs to be dynamic enough to encompass micro-level approval and reporting of transactions to macro-level aggregation and reporting of the country's external debt, thereby offering better governance and monitoring

# Business **Challenge**

Our client is a premier regulatory body that is highly committed to maintaining orderliness in the foreign exchange market, and in fulfillment of this responsibility, they have undertaken capital flow management. External Commercial Borrowings (ECB) and Trade Credit (TC) are the primary foreign capital source, play a critical role in strengthening the productive sectors of the economy, and are used as essential capital account management tools. As our client must report these numbers and figures to the government, therefore, informed

decision-making and high-quality MIS, a state-of-the-art record management system is essential. Although their existing system had served them well to date, it needed an upgrade to cope with the challenges of:

- Ballooning database
- Increasing requirement of micro-level data for policy purposes
- Need for parameterization of functionalities within the system

## **The client wanted to introduce a state-of-the-art system that should have the following features:**

- An online platform for ECB and Trade Credits reporting and approvals
- Act as a complete ecosystem of ECB and Trade Credits, which will encompass the whole lifecycle from receipt of application to the communication of decision and reporting of transactions
- Data processing with minimal manual intervention and also provide an expansive Management Information System (MIS) for policy decisions on macroeconomic aspects
- Capability to maintain voluminous data and multitude of users

# Business **Solution**

With extensive banking domain expertise and an in-depth understanding of the BFSI sector, NSEIT's team of experts designed a state-of-the-art platform for the client. We implemented a DevOps-first approach to automate the workflow that not only processes data with minimal manual

intervention but also provides an expansive Management Information System (MIS) for policy decisions on macroeconomic aspects. Following the DevOps approach ensured faster time to market and lesser time to process any details.

## NSEIT team of experts helped the client:

- Develop and prepare System Requirement Specifications (SRS) and prototypes implementation of software i.e., design, develop and test the application, covering all the functional and non-functional requirements
- Data Migration from the existing system to the new application and incorporation workflow engine
- Deployment of application in client's data center
- Support User Acceptance testing (UAT), Support the VAPT on the application
- Go Live support, Training the users, Workflow Management, MIS Reporting, Rule Engine, Data Handling, and Document Management

## The newly formulated dynamic system has the capability to:

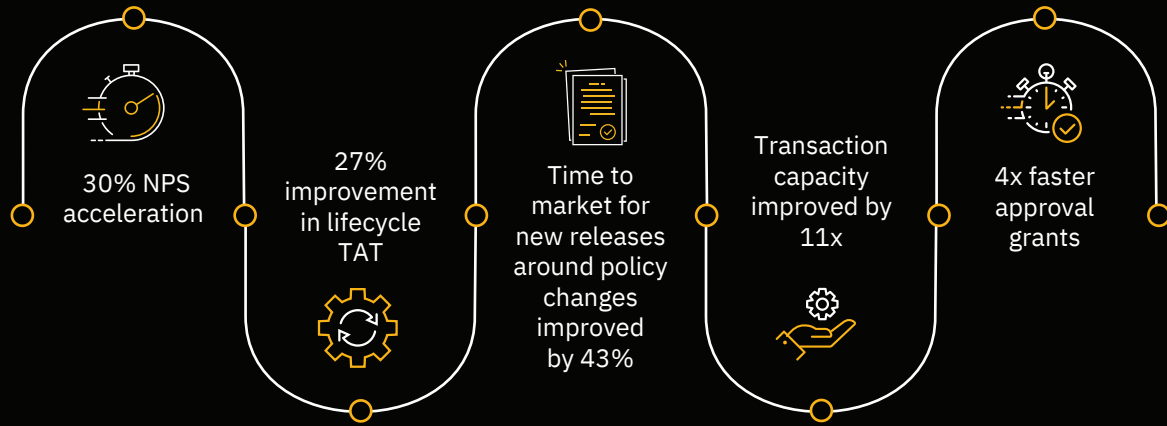
- Maintain voluminous data and a multitude of users
- Offers real-time changes and reports availability that provides better governance, outlook, and monitoring
- Modules: ECB Loan Application and workflow, ECB Transaction Reporting- Restructuring, Refinancing, Merger and De-Merger, ECB Reports, Trade Credit Loan Application and workflow, Trade Credit Transaction Reporting-Restructuring, Refinancing, Merger, De-Merger, TC Rollover, TC reports

# Technology **Stack**

**Camunda**  
Workflow Engine



# Business Impact



**NSEIT Limited** is a digital native technology company that engineers world-class solutions to help our global customers accelerate their digital transformation journeys. Our key service pillars are Application Modernization, Business Transformation, Data Analytics, Infrastructure & Cloud Services, and Cybersecurity, through which we create intuitive digital experiences and tangible business impact. For over two decades, our innate drive for excellence has made us the partner of choice for global organizations. At NSEIT, we fuel digital progress.

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