

Capital Requirements

- Develop, implement and maintain a suitable Group (regulatory and economic) capital calculation framework. Develop and maintain the Group's stress testing framework
- Lead and coordinate stress testing exercises
- Develop and maintain credit risk pricing models including portfolio models used in the context of structured transactions and risk-sharing mandates
- Follow the implementation and compliance with the Best Banking Practice applicable to the EIB in the area of capital requirements calculations

Capital Planning

- Develop and maintain the capital planning framework and related models and processes
- Provide analyses and simulations of capital implications of new or strategic initiatives, or new business developments
- Contribute to capital optimisation initiatives
- Contribute to the Operational planning process
- Develop and maintain the Risk Appetite Framework, Capital Contingency Plan and Recovery Plan

Capital Analytics

- Optimise activities related to the development and maintenance of risk applications for capital calculations and planning; improve responsiveness and agility in support of decision-making by senior management. Focus areas:
 - Capital model implementation and maintenance
 - Capital management systems maintenance and development (Ray, CM, LG)
 - Capital data management and aggregation (incl. BCBS 239)
 - Business and data analysis

Derivatives Valuation

- Propose and implement changes in derivatives valuation policies and procedures, in view of new regulations and best practices
- Implement, update, validate and document interest rate, inflation, FX and equity-linked derivatives valuation models, as well as credit, debit and collateral valuation adjustment models
- Perform controls of valuations and valuation adjustments, including comparison with counterparties and resolution of valuation disputes arising in collateral management

Market Risk

- Identify/assess/measure/monitor and report on the interest rate risks arising from the EIB's banking book activities and key metrics (including RAF KRI) connected to these i.e. as gap risk, and basis risk (cross currency basis, tenor basis risk and funding spread risks)
- Monitor the "Risk to Economic Value" and the duration of the own funds.
- Perform stress tests on the Economic Value of Equity/Own Funds (EVE).

- Determine capitalisation for pension risk, interest rate risk (IRRBB) and FX risk (incl. the net FX position (incl. Collective Investment Undertakings) for Pillar 1 capital charge).
- Measure and monitor the FX risk and the future loan margin revenues in major currencies for hedging.

Pricing

- Provide Risk pricing and 2nd Line oversight for middle office activities

Model Development

- Develop and implement internal PD, LGD and EAD/CCF credit risk models used for capital calculation, pricing, macroeconomic stress testing, economic capital and IFRS9
- Contribute to the annual bank-wide macroeconomic stress testing exercise, ICAAP and the quarterly IFRS9 impairment stream
- On a regular basis challenge existing model assumptions, standards, framework and methodologies.
- Correct and improve models when necessary.

Model Maintenance & Monitoring

- Regularly analyse and produce monitoring reports on the performance of internal credit rating systems to ensure the on-going soundness of the rating assignment process
- Maintain internal PD, LGD and EAD/CCF credit risk models used for capital calculation, pricing, macroeconomic stress testing, economic capital and IFRS9, including regular model adjustments as well as model reviews
- Oversee and control the rating assignment process; implement a control framework around all processes surrounding the rating systems

Model Implementation (for ALM and Market Risk)

- Develop, prototype, implement and maintain quantitative models in domains relevant for the ALM & Market Risk Division
- Deliver a new Risk platform to implement a fully regulatory-compliant IRRBB management framework for the Bank
- Ensure that the development and the maintenance of the models is conducted in accordance with the requirements set by the model user(s) as well as by the Bank's model risk management policy

Model Validation

- Verify that models are performing as expected, in line with their design objectives and business uses
- Ensure that models are sound by identifying potential limitations and assessing their possible impact
- Follow up and report on the implementation of model validation recommendation
- Develop, document and maintain a comprehensive set of validation methodologies and an inventory of all models used

- Interface with model stakeholders, as well as with external and internal audit to discuss justification and reasoning behind validation findings