

MACROECONOMIC FRAMEWORKS AND SUPPLEMENTARY TOOLS



Comprehensive Adaptive Expectations Model (CAEM)

Supports forecasts and policy analysis in a familiar Excel-based environment.

Climate in Macroframework Tool (CMT)

Integrates climate risk and adaptative investment effects into macro projections.

Public Debt Dynamics Tool (DDT)

Estimates debt paths, simulates shocks, and calculates adjustment needs.

Debt-Investment-Growth and Natural Disasters (DIGNAD)

Simulate the impacts of natural disasters on developing countries, focusing on capital damage, productivity losses, and creditworthiness issues.

Natural Disasters Public Debt Dynamics Tool (ND-DDT)

Extension of the DDT that includes the effects of natural disasters.

Forecasting Model of Internal and External Balance (FINEX)

A semi-structural gap model (SSGM) designed for forecasting and scenario analysis with a stronger focus on internal and external balance, accommodating imperfect capital mobility and hybrid monetary policy regimes.

Global 3-region Projection Model (G3MOD)

SSGM designed to produce external sector forecasts with a focus on the US, Euro Area, and China.

Macroframework Foundations Tool (MFT)

Forecasts and analyzes macroeconomic policy using a simplified model with feedback between sectors.

Nowcasting (NWC)

Econometric tools to forecast the near-term ("now") using high-frequency indicators.

Potential Output Estimation Tool (POET)

Estimate potential output to support fiscal and monetary policy decisions.

Quarterly Macroeconomic Forecasting Framework (QMFF)

Supports quarterly forecasts using a semi-structural approach and short-term indicators.

Quarterly Projection Model (QPM)

Canonical SSGM for inflation-targeting central banks, supporting medium-term forecasting.

Standard Macroframework Template (SMT)

Traditional accounting-based FPP framework.

Structural Analysis of Macroeconomic Policies (STAMP) Model

A structural DSGE model tailored to the technical assistance recipient country for risk assessment and scenario analysis.