



KENYA INSTITUTE FOR PUBLIC POLICY RESEARCH AND ANALYSIS (KIPPRA)

MACRO ECONOMIC MODELLING AND FORECASTING TRAINING PROGRAMME

Objective the programme

KIPPRA is a public think tank with the mandate of developing capacities for policy formulation, implementation and evaluation within National and County governments; undertaking relevant and timely policy research and analysis; serve as a point of policy engagement and communication on public policy; and developing and maintaining a reservoir of knowledge on public policy in contributing to the achievement of national development goals.

To identify appropriate policy options and quantify the impacts of various policies on their economies policy makers need to build empirical models to project the likely direction of important economic indicators. This calls for skills on how to run simulations and make forecasts; how to build policy scenarios; and how to use a macro model to monitor and evaluate policy options. This is a skill gap that many policy makers and researchers lack, a gap that the Kenya Institute for Public Policy Research and Analysis (KIPPRA) seeks to bridge through the Macro Economic Modelling and Forecasting training programme.

Mode of delivery

The training programme takes ten (10) days with a total of 60 contact hours of intensive learning, practicals and modelling experiments

Learning outcomes

At the end of the Macro Economic Modelling and Forecasting training, participants are expected demonstrate the following learning outcomes: -

1. Be able to analyse time series data
2. Demonstrate understanding of ability to build a prototype macroeconomic model
3. Demonstrate understanding of ability to run simulations and make forecasts
4. Apply skills and knowledge acquired to build policy scenarios
5. Be able to use a macro model to evaluate policy options

Facilitation

This course will be facilitated by KIPPRA trainers using a learner-based approach to achieve global best practices in adult learning.

Who should participate?

The training program targets policy makers, policy analysts, researchers, technocrats and bureaucrats who would like to sharpen their skills in policy analysis and research. This includes officers from the National and County governments, the private sector and civil society organizations.

Training sessions

The sessions for this training program are designed to bring out key skills in running macroeconomic simulations, making forecasts, building policy scenarios, interpretation of results and evaluating policy options. They introduce concepts and macroeconomic tools used in modelling and forecasting to present topics which are relevant to the National and County government, private sector and civil society officers to strengthen their skills and knowledge to monitor and evaluate policy options.

Sessions

1. Overview of Policy, Theory & Models
 - Introduction to Economic Models and Economic Policy
 - Steps in Macroeconomic Modelling
 - Macro models and overview of KIPPRA-Treasury Macro Model (KTMM)
2. Theory in macroeconomic modelling
3. Diagnosis of time series data
4. Building a Prototype Model
5. Introduction to KIPPRA-Treasury Macro Model (KTMM)
6. Practical Applications of macroeconomic models –Policy analysis and forecasting

Training needs assessment

To ensure we tailor the training programme to the training needs of the participants, KIPPRA conducts a training needs assessment before conducting the Macro Economic Modelling and Forecasting training programme.

For more information, contact

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