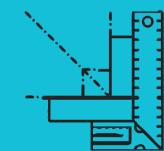




CENTER FOR ANALYSIS OF ECONOMIC REFORMS AND COMMUNICATION

REFORM REVIEW

May, 2020

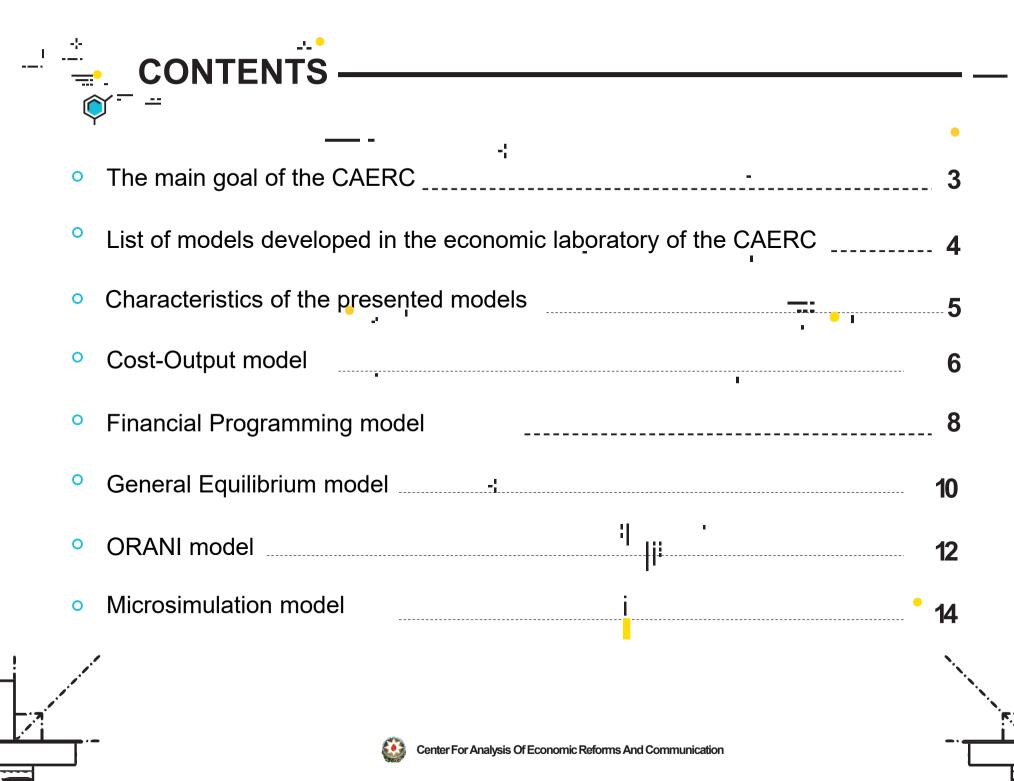


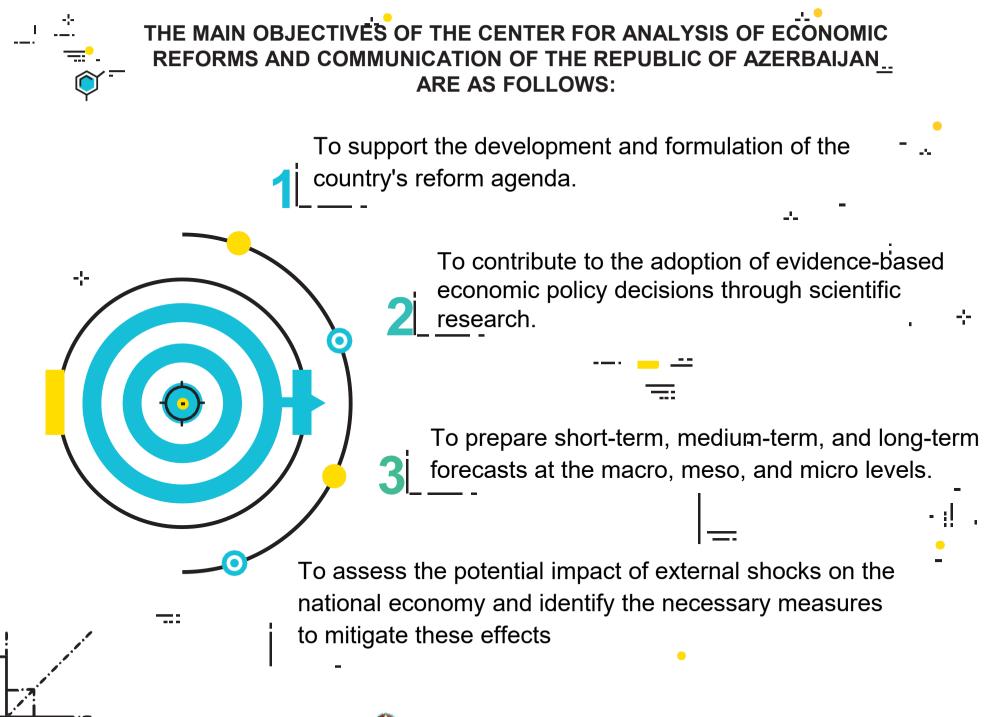


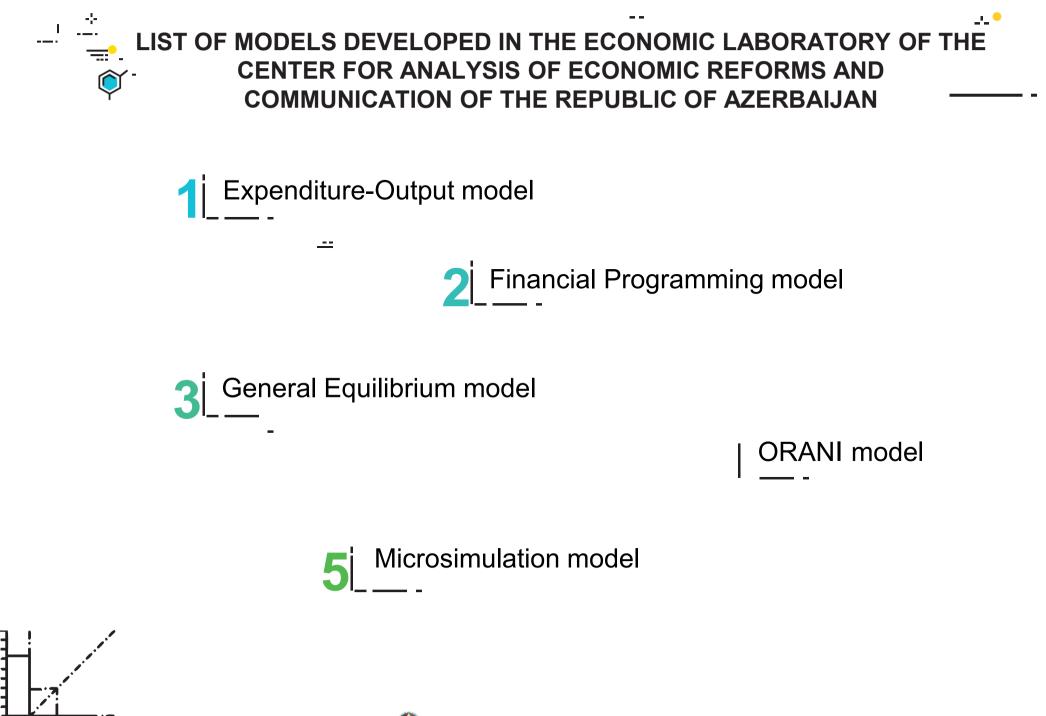
President of the Republic of Azerbaijan **ILHAM ALIYEV**

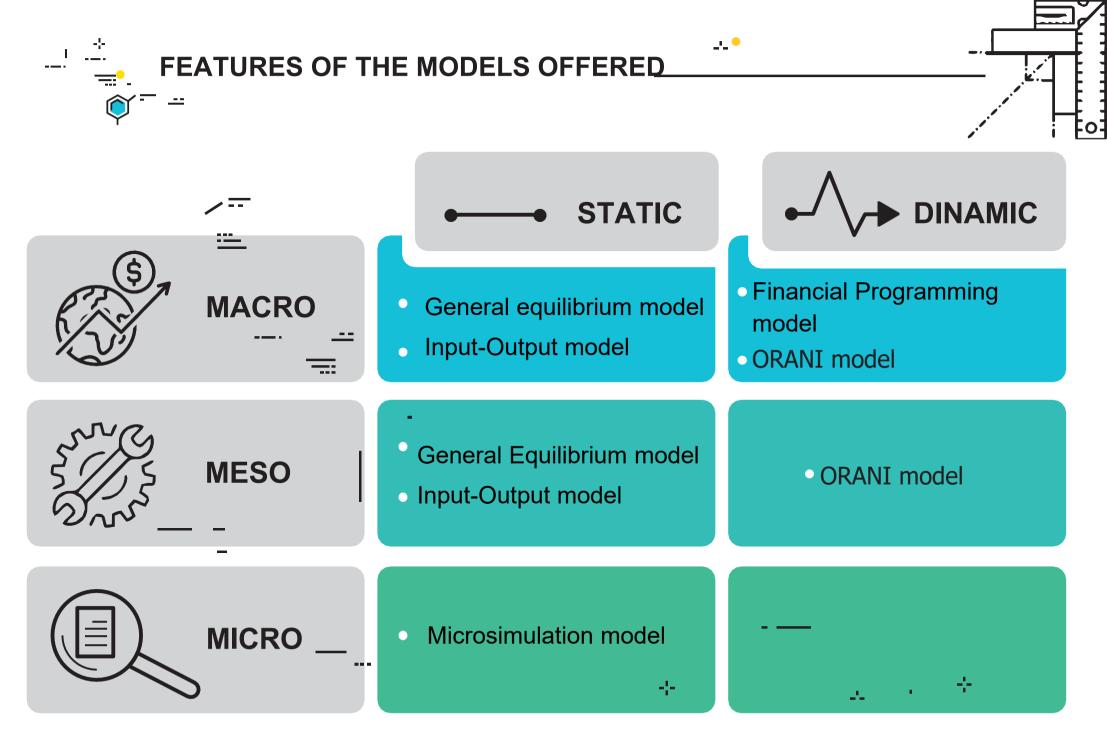
"...The World Bank has recognized Azerbaijan as one of the 20 most reformative countries, a significant achievement. This acknowledgment highlights that the comprehensive reforms implemented in our country have been positively evaluated by leading international organizations. Overall, 2019 can be characterized as a year of profound reforms across various domains, including political, economic,

and social spheres, as well as in personnel management and structural reorganization. These reforms are expected to enhance our future development, fostering greater economic growth that will be reflected in even more substantial figures.



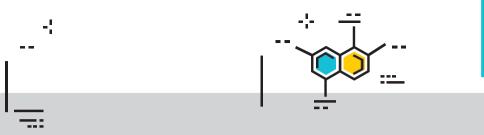












WHAT IS THE COST-OUTPUT MODEL?

The Cost-Output model is an economic framework that analyzes the interdependencies among various sectors of a national economy in terms of their monetary value.

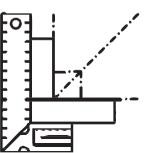
APPLICATION AREAS OF THE MODEL

-Analysis of the effects of changes in demand for final products across sectors or areas on economic and social indicators.

-Examination of the impacts of increased investment in sectors or areas on economic and social indicators.

MODEL SOFTWARE

MS Excel









Distribution	Distribution of the issue	Intermediate consumption			Final consumption	Product release
of expenses		Sector 1	Sector 2	Sector 3		
	Sector 1 Sector 2 Sector 3	$f{X}_{11} \ f{X}_{21} \ f{X}_{31}$	X ₁₂ X ₂₂ X ₃₂	X ₁₃ X ₂₃ X ₃₃	$egin{array}{c} \mathbf{Y}_1 \ \mathbf{Y}_2 \ \mathbf{Y}_3 \end{array}$	$egin{array}{c} X_1 \ X_2 \ X_3 \end{array}$
Costs incurred on intermediate products		V ₁	V ₂	V ₃		
Total costs		X ₁	X ₂	X ₃		







WHAT IS FINANCIAL PROGRAMMING?



Financial programming is an analytical framework used to assess the current state of an economy, forecast future trends, and design economic policies aimed at influencing those trends.

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APPLICATION AREAS OF THE MODEL

- Development of long-term macroeconomic forecasts.
- Analysis of the medium- and long- -term impacts of changes in global commodity prices on the economy

SOFTWARE

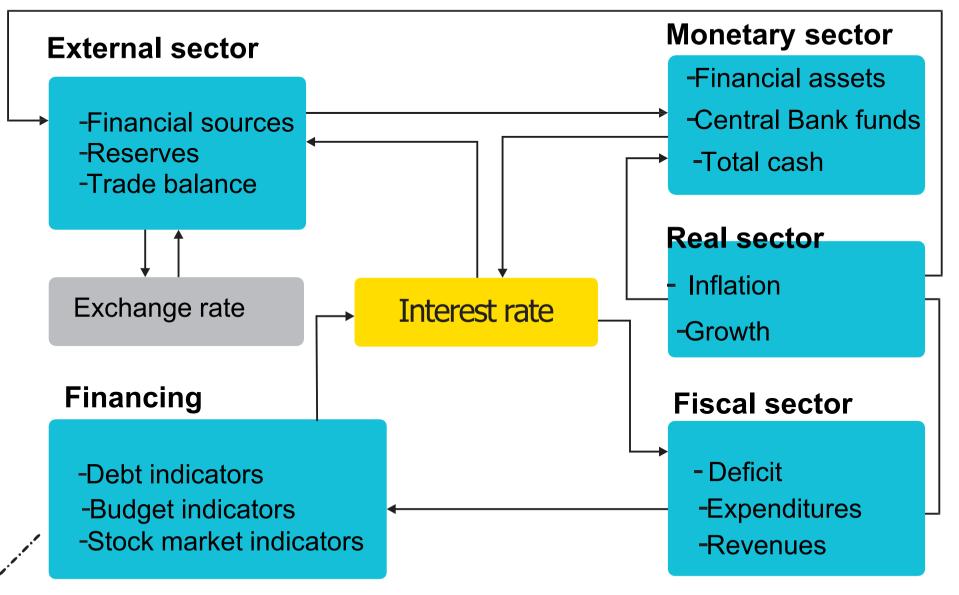
MODEL

MS Excel



STRUCTURE OF THE FINANCIAL _____ - PROGRAMMING MODEL

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WHAT IS THE GENERAL EQUILIBRIUM MODEL?

The General Equilibrium model is an economic simulation framework that incorporates both direct and indirect economic relationships among all production sectors and agents (such as government, households, and banks)

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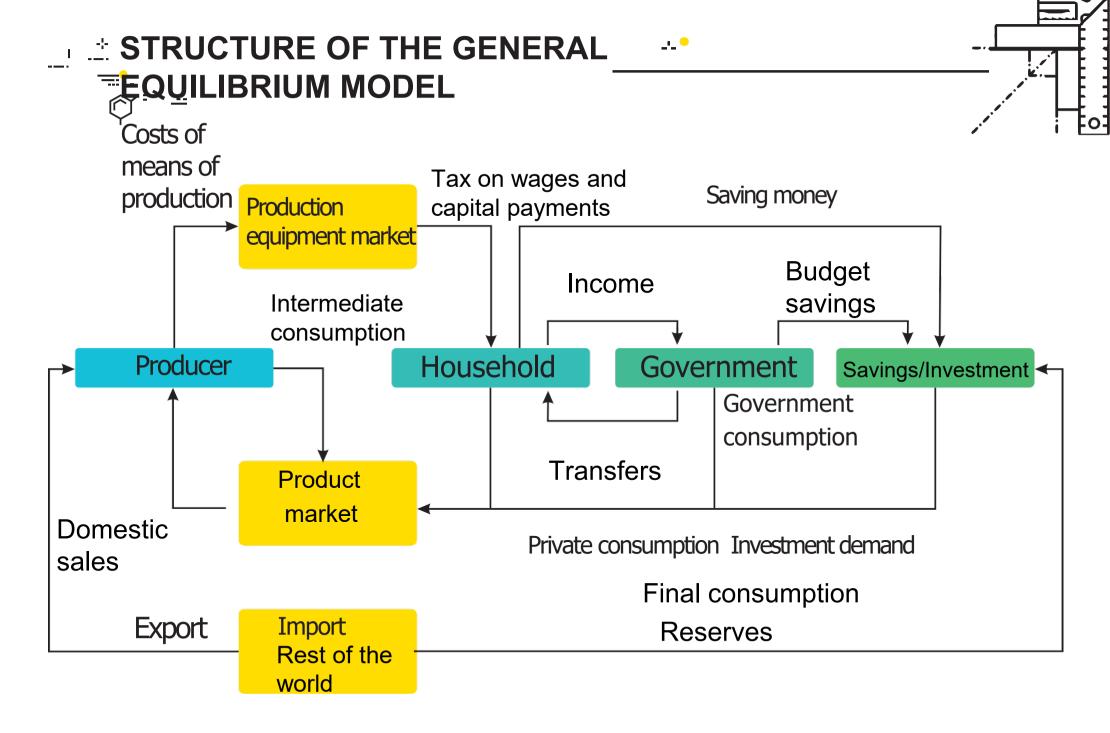
MODEL SOFTWARE

General Algebraic Modeling System (GAMS)

APPLICATION AREAS OF THE MODEL

- Analysis of trade policy;
- Analysis of tax policy;
- Analysis of policies on real sectors;
- Analysis of external shocks in imports and exports;
- Analysis of investment activity.









. What is the ORANI model?

The ORANI model is an economic simulation framework that captures both direct and indirect economic relationships among all production sectors and agents within a country's economic system. It is designed to analyze the long-term effects of changes in economic policy. "This revision streamlines the sentence structure, enhances readability, and ensures grammatical correctness while maintaining an academic tone.

APPLICATION AREAS OF THE MODEL

-Analysis of the long-term effects of trade policy;

 Analysis of the long-term effects of investment policy

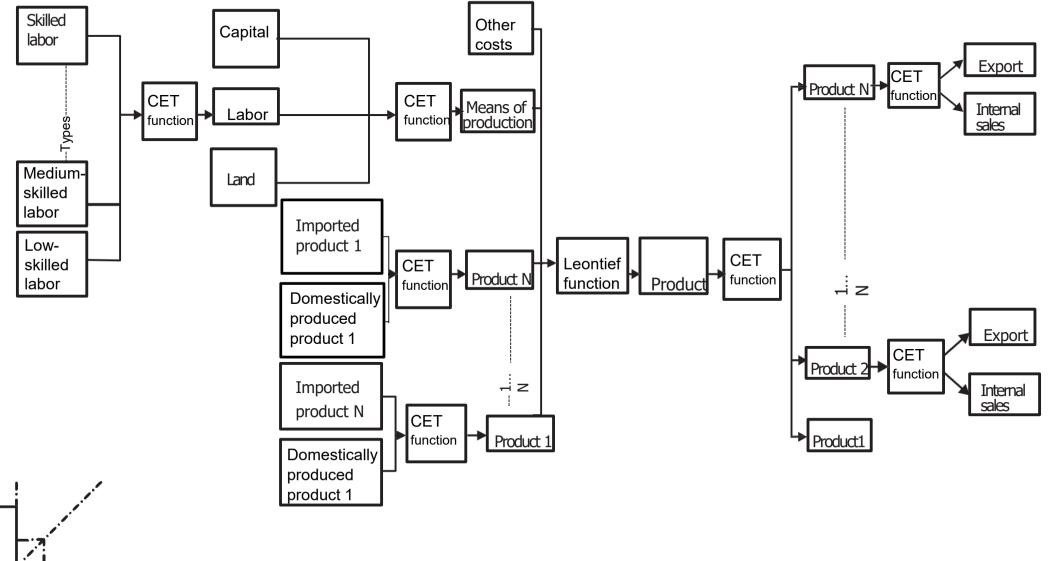
- Analysis of the medium- and long-term impacts of changes in global commodity prices on the economy.

MODEL SOFTWARE General Equilibrium Modeling Package (GEMPACK)





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Center For Analysis Of Economic Reforms And Communication



WHAT IS A MICROSIMULATION MODEL?

A microsimulation model is a model widely used to analyze the impact of economic and social policies, as well as demographic changes, on the material well-being of the population.

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General Algebraic Modeling System (GAMS)

APPLICATION AREAS OF THE MODEL

Analysis of policies related to poverty reduction;

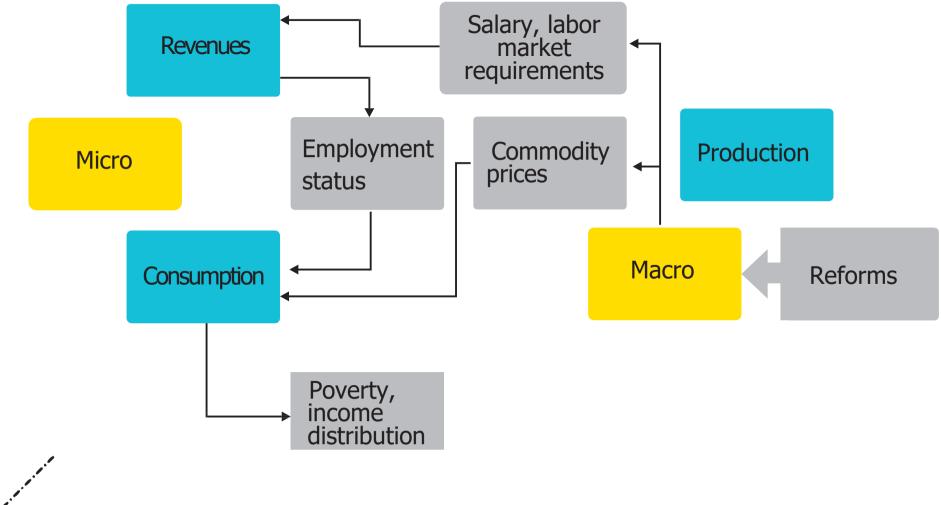
Analysis of policies related to unemployment reduction;

Analysis of pension reforms;

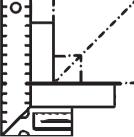


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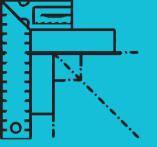




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