

## **Title**

# ANALYSIS OF THE SOURCES OF UNCERTAINTY REGARDING FORECASTING THE EVOLUTION OF THE NATIONAL ECONOMIC ENVIRONMENT IN THE CONTEXT OF RECENT GLOBAL SOCIOECONOMIC EVENTS-INCERTEC

Theme proposed by: ASE

## **Director:**

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## **Purpose:**

Analysis of the impact of different simultaneous macroeconomic shocks - such as the security crisis in Ukraine or the post-pandemic economic crisis - on economic activity at the national or sectoral level; identifying solutions for Romania to successfully overcome these challenges.

## **Objectives:**

Analysis of the economic environment and some critical sectors; Creation of a system of indicators for evaluating the impact of current uncertainties on the macroeconomic framework and on the financial-banking system; Evaluating the current state of the Romanian economy and identifying future development prospects by building scenarios based on the input-output model, which reflect periods of economic uncertainty.

## **Design/Methodology/Approach:**

Run on six independent work packages, the project was based on a complex methodology, namely: qualitative research methods (document analysis, comparative analysis, SWOT type analyses); modern quantitative methods: statistical and econometric methods, predictive modeling, data mining techniques. Primary data was generated, collected through an own survey among companies.

## **Results/originality:**

The results consist of empirical studies on some critical sectors, such as energy or agriculture; a set of indices to characterize the evolution of the Romanian economy; the database regarding the perception of the economic environment; methodology for quantifying new indicators, such as Inflation-at-risk; proposals for economic policy measures in order to quantify and prevent financial and economic risks.

## **Impact on the society:**

The development of models regarding the impacts of the current uncertainties on the various components of the economic environment has a significant effect on different levels: for economic policy decision-makers, through the recommendations formulated, for the academic environment, but also for the financial-banking environment (the National Bank, commercial banks) or the private one, which can avoid and evaluate risks more rigorously.