

Energy elasticity and the energy transition: The effect of energy prices on macroeconomic variables in European countries

This research examines the relationship between the European Union's energy prices, energy demand elasticity, and macroeconomic factors from 2001 to 2019. Utilizing data from sources such as Eurostat, the OECD, and the World Bank, it investigates the economic and energy dynamics that shape the region. The study employs an econometric model to analyze energy price elasticity, and the role of energy transitions in increasing the elasticity. It further explores trends in GDP, inflation, unemployment, energy consumption, and fossil fuel dependence, providing insights into how energy markets influence decarbonization.