

❖ **CURRENT ISSUES OF THE GLOBAL AGRICULTURAL ECONOMY**

Measuring the progress towards sustainability in the wine sector of the Republic of Moldova

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Abstract

At present, Moldova's economy is largely linear. Although public institutions draw the boundaries of new regulations with a strong focus on sustainability, considerable efforts, significant reforms, accompanied by political and financial support, are still needed to align Moldova's legislation with the EU environmental and climate policy acquis. Therefore, the concept of sustainability has prompted many industries to reconfigure their production model in order to reduce their impact on the environment. In recent years, the popularity of wine sustainability has grown significantly. The growing pressure to adopt sustainable consumption and production practices and to report progress in this direction has led to the identification of relevant indicators in the sector.

Therefore, this research reviews the existing literature on circularity indicators in the wine industry with a particular focus on Life Cycle Assessment, carbon footprint, water footprint at different stages of the wine production life cycle.

Keywords: Wine, LCA, Carbon footprint, Water footprint, Circular indicators, Environment.