Abstract

Under the continuous growth of demand for economic resources such as energy, water and basic minerals, supported by an increase in population, the process of transformation towards a green and circular economy has become a major axis in achieving sustainable development in developed and developing countries alike, as the world is facing problems Numerous factors resulted from the traditional linear and brown economic approach, represented by the excessive consumption of those economic resources and thus the continuous depletion of their sources, not to mention the environmental pollution accompanying that consumption, whose effects we started to feel its effects locally and globally.

Accordingly, this study aimed to reveal the modern methods of managing economic resources in production and consumption, represented by the applications of both the green and circular economy and their role in the sustainability of economic resources, relying on the descriptive analytical method in presenting and discussing both the green and circular economy, and adopting data whenever necessary to confirm Whether or not the study hypothesis is correct, which That says the both the green economy and the circular economy work synergistically to reduce the negative effects resulting from the consumption of economic resources on the environment and the depletion of natural resources, in addition to that most of these resources are non-renewable and subject to depletion during the coming decades (especially energy sources other than coal).

Alternative and viable solutions must be found in the field of changing production structures and methods, in addition to changing current consumption patterns to more sustainable methods and patterns.

The study concluded that many countries are on the way to meeting their need for economic resources in a sustainable manner, as well as mitigating the intensity of pollution and its negative effects, have begun to adapt their activities, especially economic ones, to be more sustainable by introducing the applications of both the green and circular economy in production and consumption processes. As for the national level, many potentials and points of strength have been

identified to create objective conditions for the establishment of a sustainable economy based on the applications of both the green and circular economy.

At the same time, many challenges and weaknesses that generate negative external conditions in front of the transition process towards a sustainable Iraqi economy have been diagnosed.

Accordingly, the study sought to draw broad lines for how to deal with economic resources in Iraq within the sectors of agriculture, energy, water, municipal services, and transportation in order to move forward towards a more sustainable Iraqi economy in from the economic side, social and environmental.

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