

Ihor Okhrimenko

Kyiv Cooperative Institute of Business and Law
ORCID: 0000-0003-3607-870X

Serhii Bobko

Higher Educational Institution Academician Yuriy Bugay International Scientific &
Technical University
ORCID: 0009-0008-4129-0266

Nikita Kozhedub

Higher Educational Institution Academician Yuriy Bugay International Scientific &
Technical University
ORCID: 0009-0002-7362-1046

Kyrylo Degtiar

Higher Educational Institution Academician Yuriy Bugay International Scientific &
Technical University
ORCID: 0009-0007-0198-3298

INTEGRATION PROCESSES OF DEVELOPMENT OF GREEN ENERGY ENTERPRISES IN THE CONDITIONS OF INNOVATIVE TRANSFORMATION

The article explores theoretical and applied aspects of integration processes of green energy enterprises development in the context of innovative transformation of the economy. The role of integration of enterprises, scientific institutions, investors and state institutions in ensuring sustainable development, increasing competitiveness and accelerating the implementation of innovative technologies is substantiated. Modern trends in the development of renewable energy in the world and in Ukraine are analyzed, the dynamics of installed solar and wind power capacities are studied, the features of the functioning of enterprises in the industry and their investment attractiveness are determined. The activities of green energy enterprises are assessed on the basis of financial and economic indicators, and the use of taxonomic analysis is proposed for a comprehensive assessment of the effectiveness of managing integration processes and predicting their development. The results obtained confirm the feasibility of applying an integrated approach to managing green energy enterprises, which ensures increased resource efficiency, increased innovation activity, investment attraction and strengthening energy security. The practical significance of the study lies in the possibility of using the proposed approaches to form development strategies for green energy enterprises in the context of European integration and post-war reconstruction of Ukraine.

Keywords: management; green energy; integration processes; innovative transformation; enterprises; efficiency; renewable energy sources; innovative development; investment attractiveness; sustainable development; energy security; taxonomic analysis.