PECULIARITIES OF IMPLEMENTING E-GOVERNMENT TECHNOLOGIES IN THE RENEWABLE ENERGY SECTOR

Arslan Mammedov, Alona Rudenko
PhD students of the
Simon Kuznets Kharkiv National University of Economics

INTRODUCTION

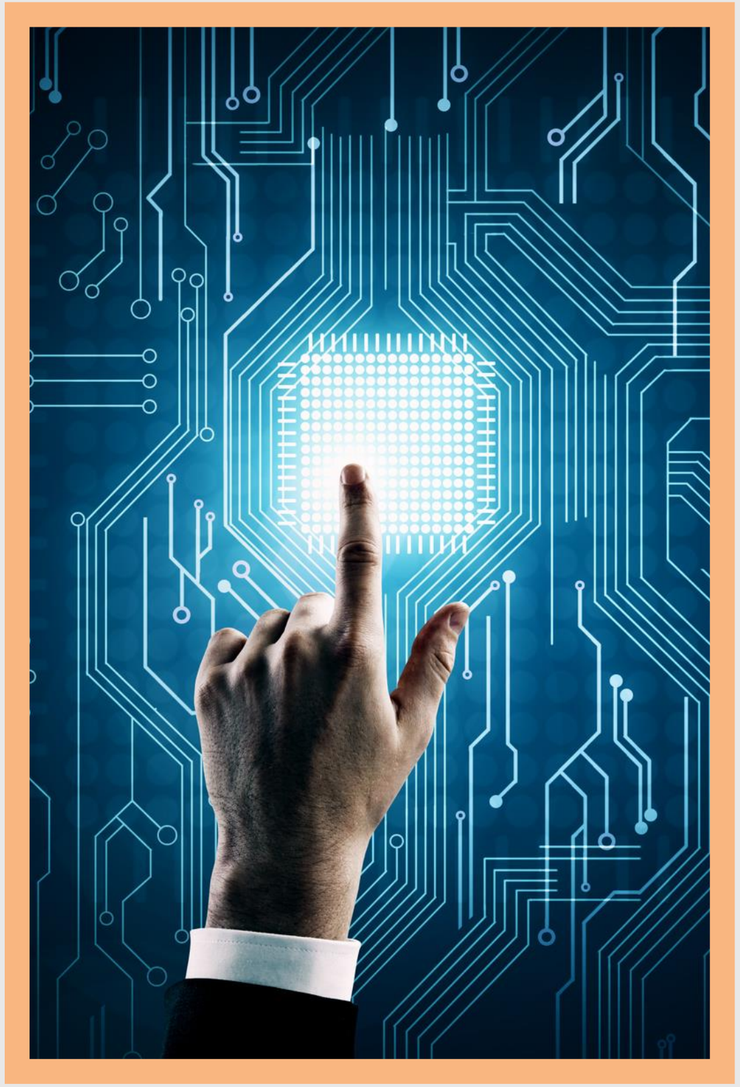
Renewable energy is a promising and investment-attractive industry in Ukraine, as well as a strategically important part of the country's integrated energy system. The development of renewable energy sources is crucial for ensuring the country's energy independence in times of war and supporting the sustainable development of enterprises.

Today, Ukraine is witnessing an active development of e-government, including the introduction of more advanced electronic document management systems using digital signatures, provision of services to citizens and businesses through Administrative Service Centers, the "single window" system, etc. The ongoing administrative reform has contributed to the intensification of these processes. [1]

E-governance in the renewable energy sector is a key element of public administration, ensuring effective monitoring, analysis, and coordination. It allows for rapid information exchange, responding to changes in production, and promoting the development of sustainable renewable energy strategies.

MAIN MATERIAL

The purpose of this paper is to identify the peculiarities of implementing e-governance in the renewable energy sector and to outline the positive aspects of this process that improve the functioning of this sector.



TODAY, THE MAIN STATE ELECTRONIC RESOURCES PROVIDING REPORTING, STATISTICAL AND ANALYTICAL INFORMATION IN THE ENERGY SECTOR ARE:

- Ministry of Energy and Environmental Protection of Ukraine;
- The State Statistics Service of Ukraine;
- National Commission for State Regulation of Energy and Utilities (NCSREU);
- Energy Information and Analytical Agency;
- State Agency on Energy Efficiency and Energy Saving.

IF WE ANALYZE THE POSITIVE IMPACT OF E-GOVERNANCE IMPLEMENTATION ON THE DEVELOPMENT OF THE RENEWABLE ENERGY SECTOR, THE FOLLOWING AREAS SHOULD BE IDENTIFIED:

01 Improving the efficiency of decision-making. The introduction of e-governance allows the use of digital tools to collect and analyze data from the renewable energy sector, which contributes to effective monitoring and informed decision-making in public administration.

02 Transparency of governance. The use of electronic systems helps to increase the level of transparency in public administration, which is important for regulating and overseeing the development of renewable energy.

03 Effective interaction with other stakeholders. Electronic platforms and tools facilitate communication and cooperation between government agencies, businesses, and the public to achieve common goals in the field of renewable energy.

IF WE ANALYZE THE POSITIVE IMPACT OF E-GOVERNANCE IMPLEMENTATION ON THE DEVELOPMENT OF THE RENEWABLE ENERGY SECTOR, THE FOLLOWING AREAS SHOULD BE IDENTIFIED:

04 Simplification of administrative processes. E-governance allows for the automation and simplification of administrative processes, such as licensing and reporting, which contributes to the improvement of the efficiency of public administration in the renewable energy sector.

05 Public engagement. Electronic tools allow for public involvement in governance and decision-making processes, making government agencies more open and accessible to citizen participation in renewable energy policy making

CONCLUSION

E-governance can contribute to the development of renewable energy by ensuring more efficient processes, increasing the availability of information, and creating favorable conditions for investment.

THANK YOU