

## INNOVATION POLICY IN POWER SECTOR: UKRAINIAN AND POLISH EXPERIENCE

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Innovation policy in the energy sector of Ukraine is not formed, mostly declarative, and is not linked to a fundamental restructuring of this sector. In the article the ways of innovation policy formation in the Ukraine energy sector are analyzed, including such indicators as inventive activity, number of implemented innovations and their commercialization trends and sources of funding. According to the results of this analysis, the following conclusions are determined:

- inventive activity is low and steadily declining, companies do not take participant in the process of generation energy innovation;
- financing innovation in the energy sector of Ukraine is mostly based on the own funds of energy companies, which they spent on the purchasing of finished vehicles, equipment and software, i.e. borrowing innovations;
- some aspects of organizational mechanisms (technological and science parks) innovation policy realization are not relating with a deep its restructuring.

Summary of the main features of innovation policy in the Poland energy sector allowed distinguishing practical recommendations for its reforming in Ukraine. Polish innovation system built on the basis of cluster initiatives by combining scientific and technological capabilities of firms operating in related sectors and related institutions where they both cooperate and compete with each other. The basis of the national innovation policy should also be based on a clustered approach of creating energy clusters using the proved energy potential, including the potential of renewable energy sources.

Thus, the formation of innovation policy in the energy sector of Ukraine needs a defining of the concept and its strategic plans for its implementation. Increasing the innovation activity of enterprises in the energy sector might be realized within a plane "science-business-state.» Cluster approach will provide a synergistic effect by the interaction of three subjects and structural rationality of using existent national energy potential.