

THE SCIENTIFIC POTENTIAL OF UNIVERSITIES IN UKRAINE AND EFFECTIVENESS OF ITS USE

Luhova V.M.

Candidate of Economic Sciences,
Senior Lecturer at Department of Sociology
and Psychology of Management,
Simon Kuznets Kharkiv National University of Economics

The article is devoted to the research of scientific potential of higher educational institutions of Ukraine and effectiveness of its use. A state of scientific potential is testified by qualitative composition of academic staff, namely, the share of employees who has a scientific degree in the total of regular staff; share of workers of research department, institute, sector, department of a higher educational institution of HEI/SE in a general amount of regular staff; number of theses defended in HEI regarding the number of regular staff. Effectiveness of the use of scientific potential is first of all testified by the use of publishing activities of academic staff: number of publications (articles) per one regular employee, publications' number in publications included to international scientometric databases and the number of citations in publications included in scientometric databases. It is proposed to analyse indicators of activities of 39 HEI of Ukraine grouped by the number of academic staff: scarcely 200 educational research employees, 400-800 educational research workers and upward of 1000 educational research workers.

It is proved that regardless of the scale of educational institutions, scientific potential of HEI of Ukraine is sufficiently high: on the average in Ukrainian HEI work about

65% workers with academic rank; share of workers of research departments is 26,8%; number of defended theses per one regular employee is 0,8-0,9. However, an effectiveness of the use of scientific potential is low: publishing activity of academic staff on the average does not exceed 1 publication per year, HEI also show insufficient results concerning the publishing activity in publications included to international databases. It is stated that development of science and research almost fully depends on the state of financing of fundamental and applied research, expenses for support of scientific research establishments, support of academic staff. In 2015 cutbacks to funding of almost all HEI is observed, which testifies about some closing up of scientific activity of educational establishment.

The conducted research of the state of scientific potential of HEI of Ukraine shows both the presence of significant potential in the field of scientific research and the necessity to solve a whole set of problems related to personnel and science financing. An important step for solving a significant part of these problems is the development of a methodology for HEI scientific activity rating and related measures for additional financing of the most perspective HEI.