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## **New Tasks in the Content of 6-th Technological Wave Coming**

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The next 6-th cycle will start just now and be mainly concentrated on the following technologies: biotechnologies, nanotechnologies, information technologies and cognitive technologies [1].

Tasks of Ukrainian society could be separated into 2 spheres: education and R&D.

The world trend in education is the creation of NBIC faculties for prepare persons with interdisciplinary understanding of new technologies.

In R&D the directions spectra is wider and include bi- and multidisciplinary cooperation and collaboration for creation of entirely new approaches and technologies.

Fortunately, Ukraine is strong in material science [2] and has enough well known in the world achievements in bioengineering, informatics and even in creation of training complexes which are concerning to cognotechnologies.

[1] W. S. Bainbridge, M. C. Roco. *Managing Nano-Bio-Info-Cogno Innovations. Converging Technologies in Society*, Springer, 2005.

[2] P. S. Smertenko, L. I. Chernyshov et al, *Reports of National academy of Sciences*, **4**, (2012), p. 55.