

«RUSNANO»: NANOINDUSTRY IS THE WAY TO INNOVATION ECONOMICS

Kalyuzhnyi S.V., Goldt I.V.*

Russian Corporation of Nanotechnologies (RUSNANO),

Nametkina Street, 12A, Moscow, 117420 Russia

*Fax: +7 495 542 4434 E-mail: ilya.goldt@rusnano.com

At present nanotechnology and nanoindustry constitute are most perspective directions of science, technologies and industry.

The task of advance innovation development of Russia, commercialization of perspective developments as well as the problem of regional resource utilization dictate the necessary of development of new instrument of the public policy.

The fundamentals of the public policy in the field of nanotechnology are determined in the RF President's initiative "Strategy of nanoindustry development" dated April, 24, 2007.

In accordance with the strategy the production volumes of output and demand nanotechnology products should be increased cardinally, and saturation of the relevant markets should be already achieved in the coming years.

At the same time, development of new kinds of nanotechnology products, which are to appear on the market in a few years, should be commenced along with leading of these kinds of products, will be established in country to the year 2015.

In order to cooperate implementation of the public policy in the field of nanotechnology, implementation of the projects of perspective nanotechnologies and nanoindustry development the "Russian Corporation of Nanotechnologies" has been established [1].

On the basis of the key tasks determined by the public policy, the Corporation determines its mission as cooperation to implementation of the public policy with the purpose of Russia's joining the number of the world leaders in the field of nanotechnology should be achieved in the following key directions:

- Attainment of the leading positions on the world markets of nanotechnology products;
- Acceptance of Russia in the world nanotechnology community, including as an international area for discussion of nanotechnology development problems;

- Provision of a major contribution to the world so called knowledge "moneybox".

Investment projects are the major instrument providing solving of the Corporation key tasks. The Corporation considers implementation of the investment projects, which will be maximally efficient in provision of national security, increase of production competitiveness and social development, and the advance nanoindustry development in the Russian Federation, to be the underlying priority of its activity. The Corporation investment activity is focused on funding of the commercialization initial stage, when the opportunities of private capital involvement are limited due to high risks, market and technological uncertainty.

The Corporation works in the direction of development nanotechnological infrastructure elements for example: collective use centers, business incubators and technology transfer centers.

In its activity the Corporation is guided by long-term foresights of the scientific and technological advance of Russia, developed by the Russian Federation government. Besides, the Corporation participates in development of average- and short-term foresights and plans of scientific, technological and market nanoindustry development, i.e. the roadmaps, on continuing basis conjointly with the head scientific organization, head organizations of branches and regions, Russian Academy of Science, scientific and educational centers. Roadmaps will be used by the Corporation as an instrument for orientation and support of other innovation pipelines participants activity along with investment projects establishment.

References

1. Federal Law #139-FZ.
2. Web-page "RUSNANO" www.rusnano.com.