

Project: 'Network of S&T Foresight Centres on the
Basis of the Leading Russian Universities'
The General Aspects of the Methodology
(the Case of Moscow Aviation Technology
University)

Yakov Dranev, Alexander Kutsobin
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Interdepartmental Analytical Center

Project Goal

The foundation of the network of sectoral Foresight Centres in specific areas on the Basis of the Leading Russian Universities with following functions:

1. Monitoring of Science and Technology development in specific areas as well as in related economy sectors and industries.

2. Preparation (on regular basis) of analytical materials for long range Science and Technology forecast for 2030 year as well as materials for development of roadmaps for priority areas of Scientific, Technology and Innovation development.

3. Promotion of analytical and forecasting results

Future Tasks of the S&T Foresight Centre

To provide feedback between decision making process and actual situation in technological field

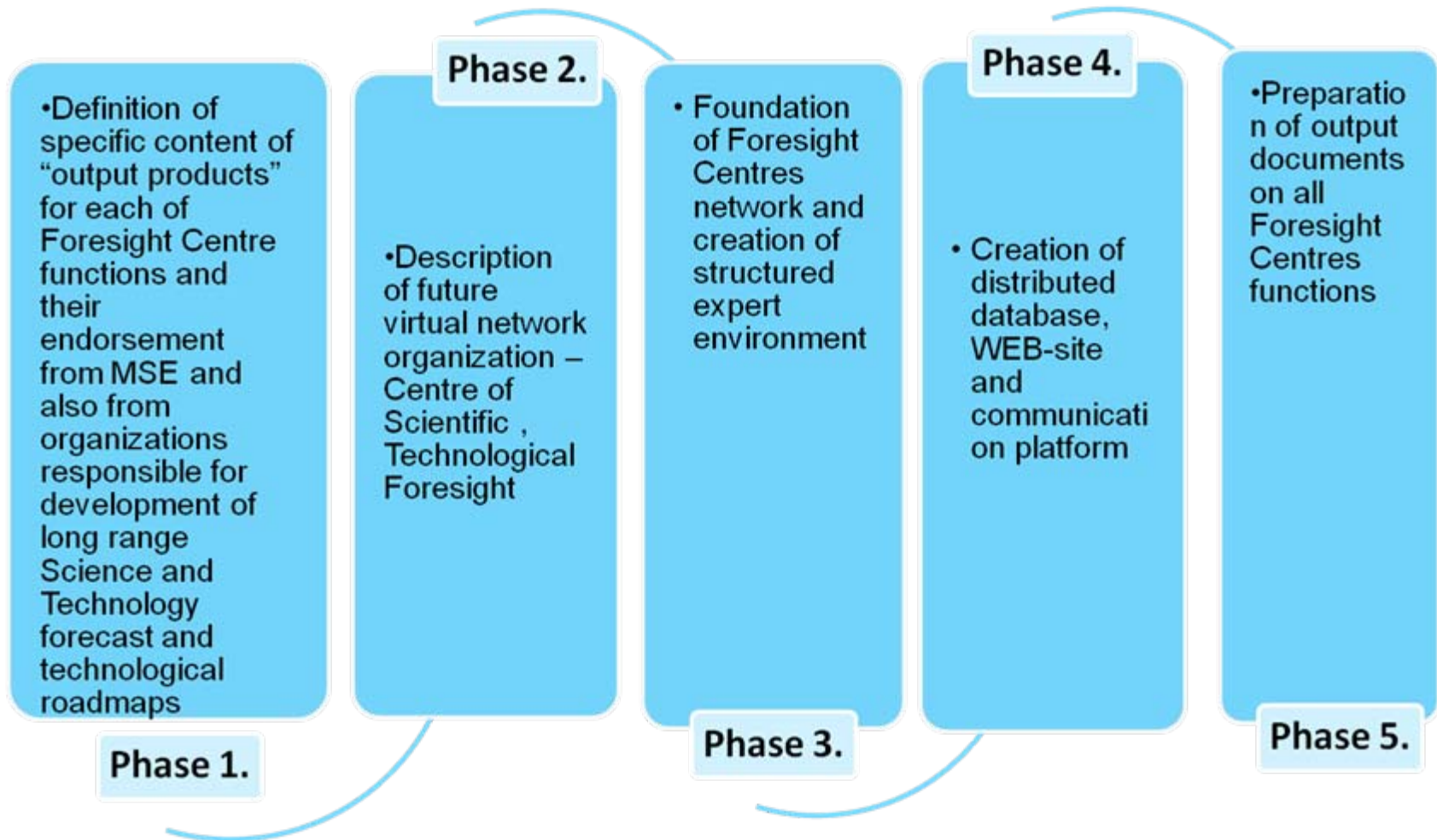
Preparation of materials for building the future technology vision.

Preparation of materials for development of roadmaps for specified technology groups.

Development of structured expert environment.

Distribution of analytical and forecasting results.

The Main Stages of the Project



Phase 1. The Most Important Moments

Emphasis on two interrelated but independent blocks:

1. Assessment of current level of scientific and technological development and selection of the most promising technological areas and technology groups

2. Determination of the needs in specific technologies for real economy sectors

Assessment of current level of scientific and technological development and selection of the most promising technological areas and technology groups. The results of assessment should make it possible to set priorities for development of technological areas and technology groups

In this case the “knots” of Foresight Centres network should be based on universities integrated with Russian state academies, state scientific centers and centers of excellence

Two aspect:
First – assessment of the impact on specified sector of economy from solution of selected problem with new technologies.
Second - assessment of the contribution of selected technologies in solving the same problem

Phase 2. The Most Important Moments

S&T Foresight Centre – a virtual network combining organizations in different segments responsible for different functions of the Centre.

The network is a multilevel virtual organization including universities, research organizations and industrial enterprises.

The first level includes “the knots” which in fact are the S&T Foresight Centres at the second level.

Thank you for your attention!

Our WEB-site: <http://www.iacenter.ru/>

Our e:mail

Iakov Dranev - idranev@iacenter.ru

Alexander Kutsobin – alex11032@iacenter.ru