



The innovation commercialization ecosystem of the Russian Federation

Russian innovation ecosystem

Federal budget institutions: Russian Federal Service for Intellectual Property, Patents and Trademarks (Rospatent), Federal Institute of industrial Property (FIPS)



Development funds: The Internet Initiatives Development Fund, Russian Venture Company (RVC), RUSNANO etc.



Innovation centers and technoparks: SKOLKOVO, VOROBYEVY GORY etc.



Universities and research institutes:

Moscow State University, Russian Academy of Sciences etc.



МОСКОВСКИЙ
ГОСУДАРСТВЕННЫЙ
УНИВЕРСИТЕТ
ИМЕНИ М.В.ЛЮМОНОСОВА



Mission

to promote the creation of favorable conditions for the growth of entrepreneurial activity of developers of applied scientific ideas

NATT Core Members

- **Institutes, scientific organizations – source of technologies**
- **Business – consumers and providers of technologies**
- **Development institutions – shaping the ecosystem**
- **Venture capital funds – financing of transfers through startups**
- **Technology brokers – Technology Transfer market development**

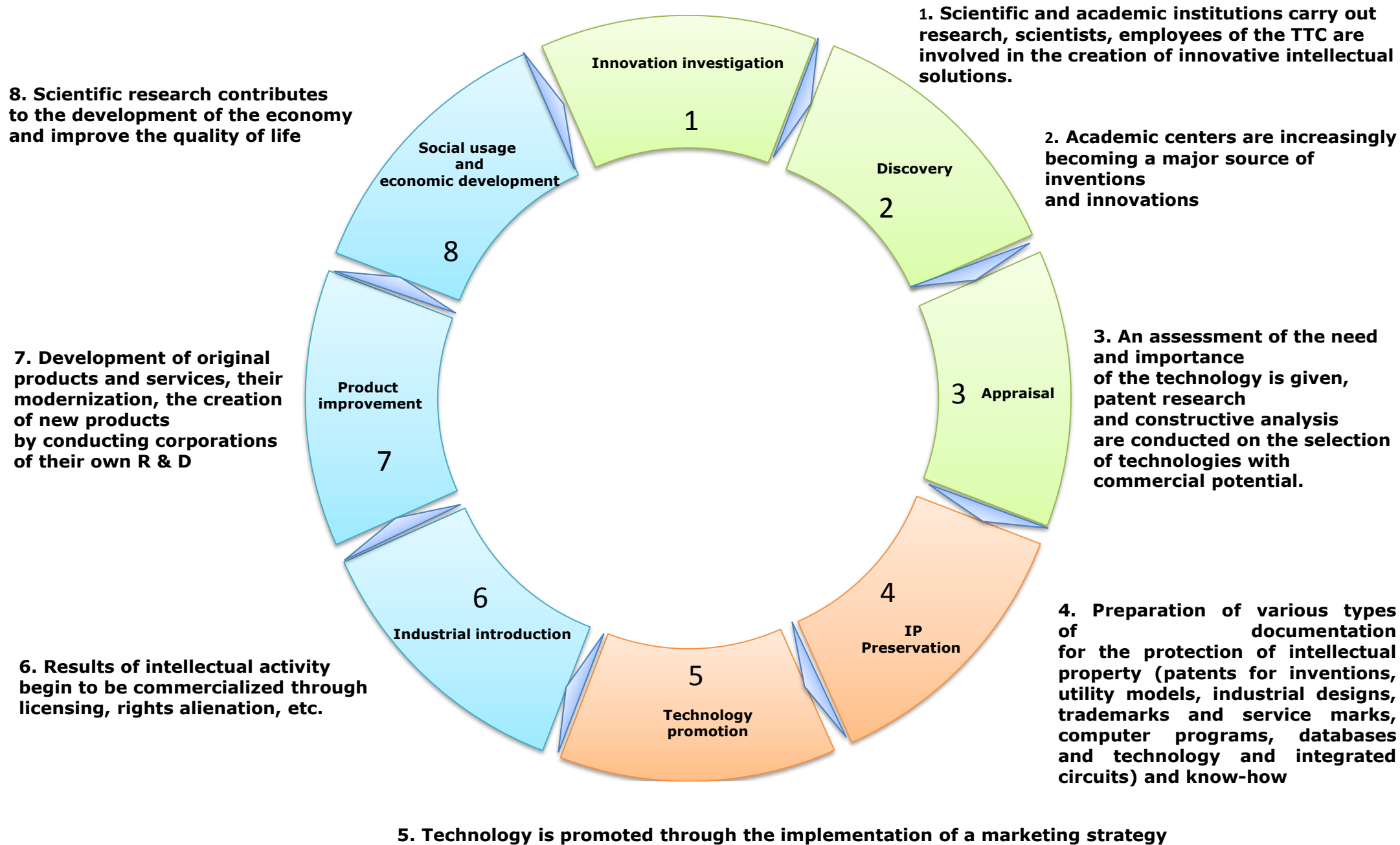
Legal form

Association (nonprofit organization) – association of legal and natural persons

NATT Funding

Funding is provided by admission and membership contributions, incomes from training and by providing and publishing information about Technology Transfer market

Technology transfer process



NATT. Activities

STEP 1: Research and Development

1. Collection of data on the real needs of the market in technology and informing scientific organizations.
2. Formation of the list of studies of ITTC and its transmission to the corporate sector.

STEP 2: Disclosure of inventions

1. Studying and analyzing the best world practices and informing market participants about them.
2. Development and implementation of policies for managing intellectual property, including issues related to the disclosure of inventions.

STEP 3: Evaluation

1. Development of a methodology for the formation of a portfolio of research results in universities and research organizations.
2. Training in the identification of potentially commercialized results of intellectual activity and making decisions about their commercialization.
3. University counseling in the implementation of methods of managing the results of intellectual activity.

STEP 4: Protection of the results of intellectual activity

1. Development of a patent application methodology and application support mechanism.
2. Development of foreign patenting methodology.

STEP 5: Technology Marketing

1. Organization of educational courses and seminars.
2. Consulting support.
3. Holding public events to popularize technology.

STEP 6: Commercialization

1. Exchange of experience with international associations of professionals in the field of technology transfer. Adaptation of foreign practices for use in Russia.
2. Development of methodology for the commercialization of intellectual property.

STEP 7: New Product Development

1. Informing about the spectrum of opportunities for obtaining state support.
2. Creating techniques, training and consulting on the identification of needs and the formation of requests for development.

STEP 8: Public use and economic growth

1. Organization and holding of reporting events.
2. Formation of the list of technologies and organization of their export.

National Association of Technology Transfer



Increasing the level of Technology Transfer transparency



Training and developing human resources, who are to provide Technology Transfer for all members involved (universities, industry, venture capital, development institutions)



Improving legal and regulatory framework regarding Technology Transfer



Popularization of Technology Transfer process, its role in the development of innovation economy and career growth opportunities in Technology Transfer industry



Developing, selecting and providing wide access to tools and techniques of Technology Transfer

NATT. Project Groups

Venture capital funds for corporations and increasing the investment efficiency

Analyzing and promoting successful practices with the view to develop investment potential of funds and corporations

Technology transfer in the fuel and energy complex

Creating mechanisms contributing to identification and meeting the needs of the industry representatives for efficient management of innovational processes in the energy sector

Specialists competence development in the field of technology transfer

In future, providing training for specialists working in the intellectual activity field under the International Registered Technology Transfer Professional (RTTP) program; assistance in developing a professional and educational standard for the technology brokers training in Russia

IP management system for scientific and academic institutions

Development of IP management standard form based on analysis of advanced experience of universities and scientific organizations around the world

NATT. Project Groups

**Cooperation on the formation
and confirmation
of development requests**

Proposals preparation on changes in the corporate governance system that stimulate corporations and corporate management to work more actively with external sources of innovations and technologies, create additional institutional and legal mechanisms for integrating innovations into corporate activities, develop best practices, form legal and regulatory initiatives

**International cooperation
(with world scientific centers,
incubators, accelerators etc.)**

Successful practices of R & D results commercialization analysis and promotion of as well as the pilot joint projects launch, organizing mutual educational practices and technology initiatives exchange

**Forming the list of Russian
scientific centers technologies
and competences**

Systematization of the results of research work in leading academic and scientific centers for their further integration into the activities of associations, corporations, enterprises, etc.

**Innovations
commercialization
methodology**

Analysis of practices and identification growth points for participants in the technology transfer process in terms of commercial efficiency of innovation management

NATT. Project Groups

Legal aspects of technology transfer (in terms of assistance in the implementation of Scientific and Technological Development Strategy of the Russian Federation)

Legal substantiation and support of relations connected with the development of the technology transfer market, including consulting and expert activities

Development of competence of specialists in the field of technology transfer)

Providing training for professionals working with intellectual property on the Registered Technology Transfer Professional (RTTP) international qualification program in Russian and English, assisting in the development of a professional and educational standard for training technology brokers in Russia

Regional development and the disclosure of the innovative potential of the regions

Promoting the development of technology transfer and innovation in the regions of the Russian Federation, taking into account regional aspects

NATT. Project Groups

Promotion of Russian technology and high-tech Russian products abroad)

Assistance to the development of technology transfer and innovation of Russian authors in foreign markets

Methodology of the organization of technology transfer in the ISTC

Development of a standard form of the organization of the technology transfer process in the ISTC based on the analysis of international best practices

Technology transfer monitoring

Creation of a system for collecting, recording, storing and analyzing a key set of indicators for ascertaining the technology transfer development dynamic

Technology transfer and digital economy

Assisting in creating flexible regulatory framework with a view towards implementation of digital technologies into high-tech sectors of economy

NATT. Regional level

Promoting the discovery of the innovative potential of regions



Preparation of practical recommendations and the development of road maps of innovative development for the regions

Filling the agenda with a view to developing innovations in the constituent entities of the Russian Federation taking into account regional aspects



Implementation of the best Russian and international practices for the successful realization of projects and initiatives of the regions



Regional promotion of innovative, scientific, technological and educational projects



Training and improving the competence of regional personnel in the field of technology transfer for all involved participants (universities, industry, venture capital industry, development institutions)



The creation of regional offices with the participation of leading scientific and educational institutions, research centers and high-tech companies

Development, selection and provision of access to tools and methods for technology transfer, best suited to the model of scientific and technological development of the territory (region)



Contribute to the improvement of the regulatory framework for the regulation of technology transfer in regional markets



Cooperation areas



Universities. NATT is engaged in the development of international cooperation between Russian and foreign universities.



Technology Transfer Center. NATT do a lot of work on analyzing technology transfer centers around the world to determine the best practices in knowledge management.



Technology. Our members are interested in several technologies spheres - digital and IT technologies, engineering, construction technologies, agriculture, infrastructure and transport (including smart cities and networks), medicine.

Thank you for attention!



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