Asia and Pacific Technology Transfer Platform (APTTTP)
To achieve the digitalization of international scientific and technical cooperation, the region must address the following challenges:

- Consolidation of information on the latest technologies and developments
- Formation of a comprehensive and accessible database for Asia-Pacific countries
- Establishment of a unified digital platform for communication and exchange of knowledge among Asia-Pacific countries
Currently, Russia holds leading positions in the implementation of digital technologies in various areas.

By 2024, around 350 information systems are being developed, operated, and modernized at the federal level in Russia, including those in the field of international scientific and technical cooperation.
Platform development

The Asia and Pacific Technology Transfer Platform provides a new unified environment for efficient interaction, as well as bilateral and multilateral exchange of scientific, technological, and innovative developments for the training of international personnel and technology transfer among the countries in the Asia and Pacific region.

The development of the Platform takes into account the developments in the creation of the cloud platform solution “GOVTECH”, as well as the experience of the Russian House of International Scientific and Technical Cooperation in establishing international bilateral and multilateral digital ecosystems based on the platform architectures of RC Complex Systems.
APTTP applies to a wide range of task

Commercialization and technology transfer
Enhancement of interregional partnerships
Attraction of investment flows into knowledge-intensive projects

Establishment of a unified knowledge base in the field of modern scientific research
Promoting the achievement of the Sustainable Development Goals
The establishment of a unified scientific and technological environment
Stakeholders

- Executive authorities of partner countries
- International organizations
- State-owned corporations
- Industry experts in the field of science and technology
- Educational institutions
- Scientific institutions
- Private business
An example of platform utilization

1. Incoming requests and proposals from Asia-Pacific countries
2. Accumulation and consolidation of information
3. Transferring information about a large number of requests for specific technological searches to moderators
4. Conducting an event on this topic
5. Selecting the optimal technological solution within the framework of the request
6. Export control and technology transfer
Crowdfunding

a method of raising funds for the implementation and support of scientific projects and initiatives

Advantages:

- The globalization of innovative ecosystems
- Accelerated decision-making process
- Exclusion of intermediaries
- Improving the efficiency of the investment process
The mechanics of crowdfunding on APTTP

1. Preparation for engagement with investors
2. Preparation on the platform
3. Registration on the platform
4. Document verification and project publication on APTTP
5. Fundraising for the implementation of the project
6. Signing contracts with investors on the platform
7. Implementation of the project
8. Provision of reports and distribution of rewards to investors
Planeta.ru is the largest Russian crowdfunding platform and one of the earliest services in Runet (the Russian internet) for the collective financing of various projects.

8,632 successful projects

1,397,562 users
How much microplastic is present in the waters of Lake Baikal?

“Young scientists from Irkutsk are organizing the first ever expedition to study microplastic pollution of the waters of Northern Baikal!”

Amount collected: 50 148 rub.

Rewards:
The Architecture of the Platform

The platform consists of five end-to-end cores that form a single integrated system that consolidates and aggregates information.

The platform creates conditions for information content of the cores to provide interested parties with access to comprehensive database of the latest technological developments.
- Catalog of advanced technological solutions
- Opportunity of placing technology proposals
- Selection of proposals based on needs

- Access to current technology requests from different countries
- An effective tool for establishing communication and collaboration
- Creating one's own request for technological development

- Technology offerings

- Database of scientific teams and experts
- Ability to search for specialized experts for projects
- Vacancy database for professionals

- Industry experts

- Access to educational programs
- The ability to select an educational program
- Viewing the catalog of educational organizations

- Educational programs

- Access to advanced information base
- Access to international information resources
- Receive information on support measures

- Knowledge base
The Russian-Chinese scientific, technical and innovation platform
Thank you for your attention!

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