



APCTT
Asian and Pacific Centre
for Transfer of Technology

2024



APTTP



Asia and Pacific Technology Transfer Platform (APTTP)

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

Platform development

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



from
government
administration



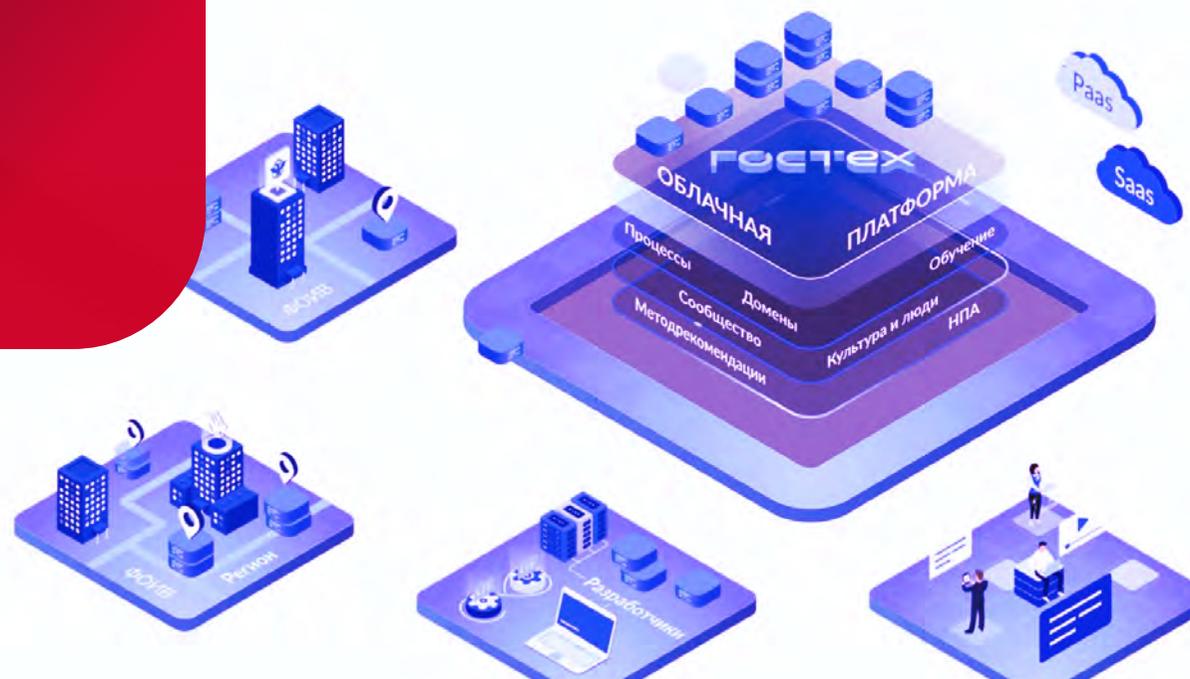
to
banking
sector



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

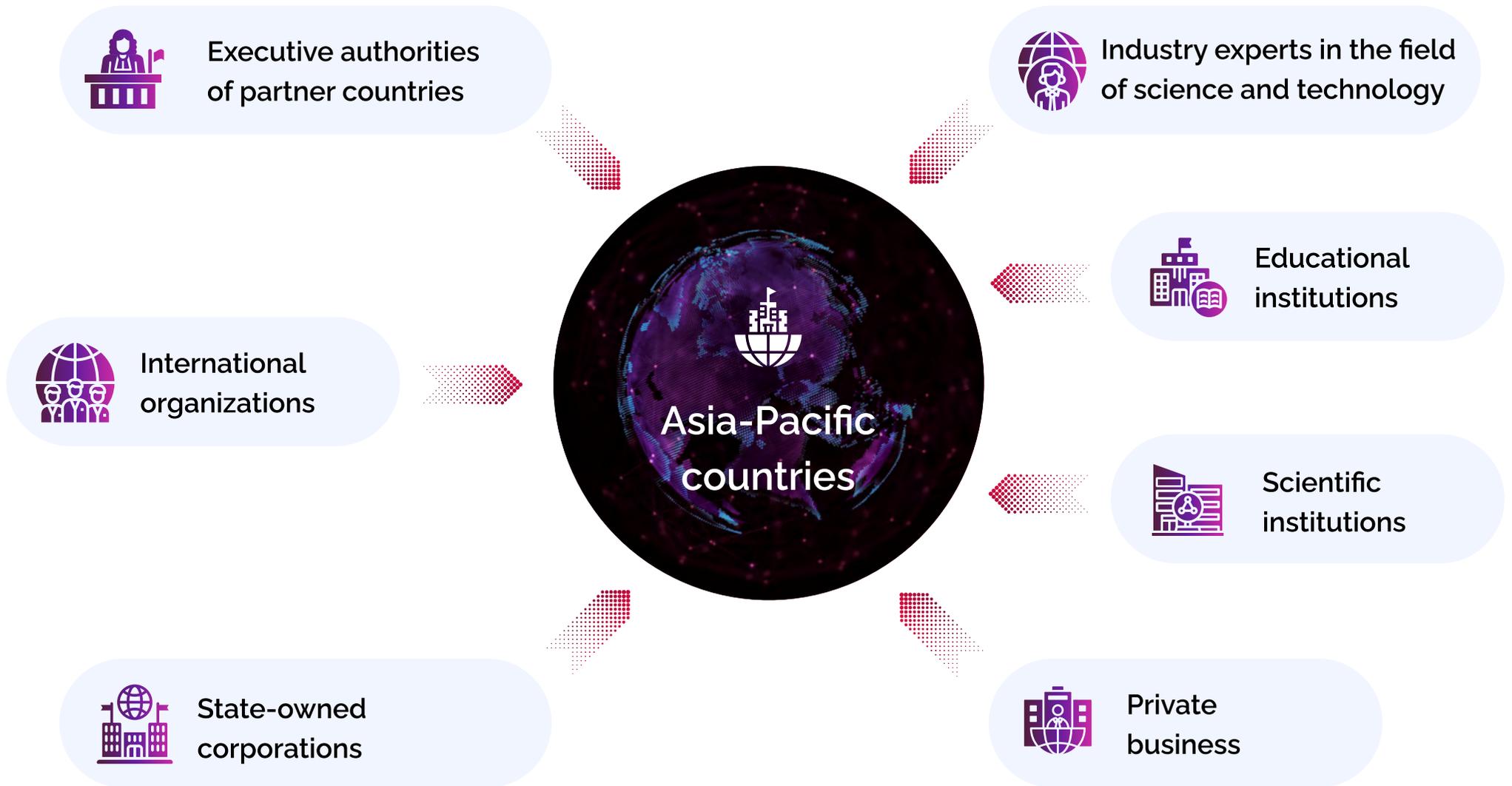


Promoting the achievement
of the Sustainable
Development Goals

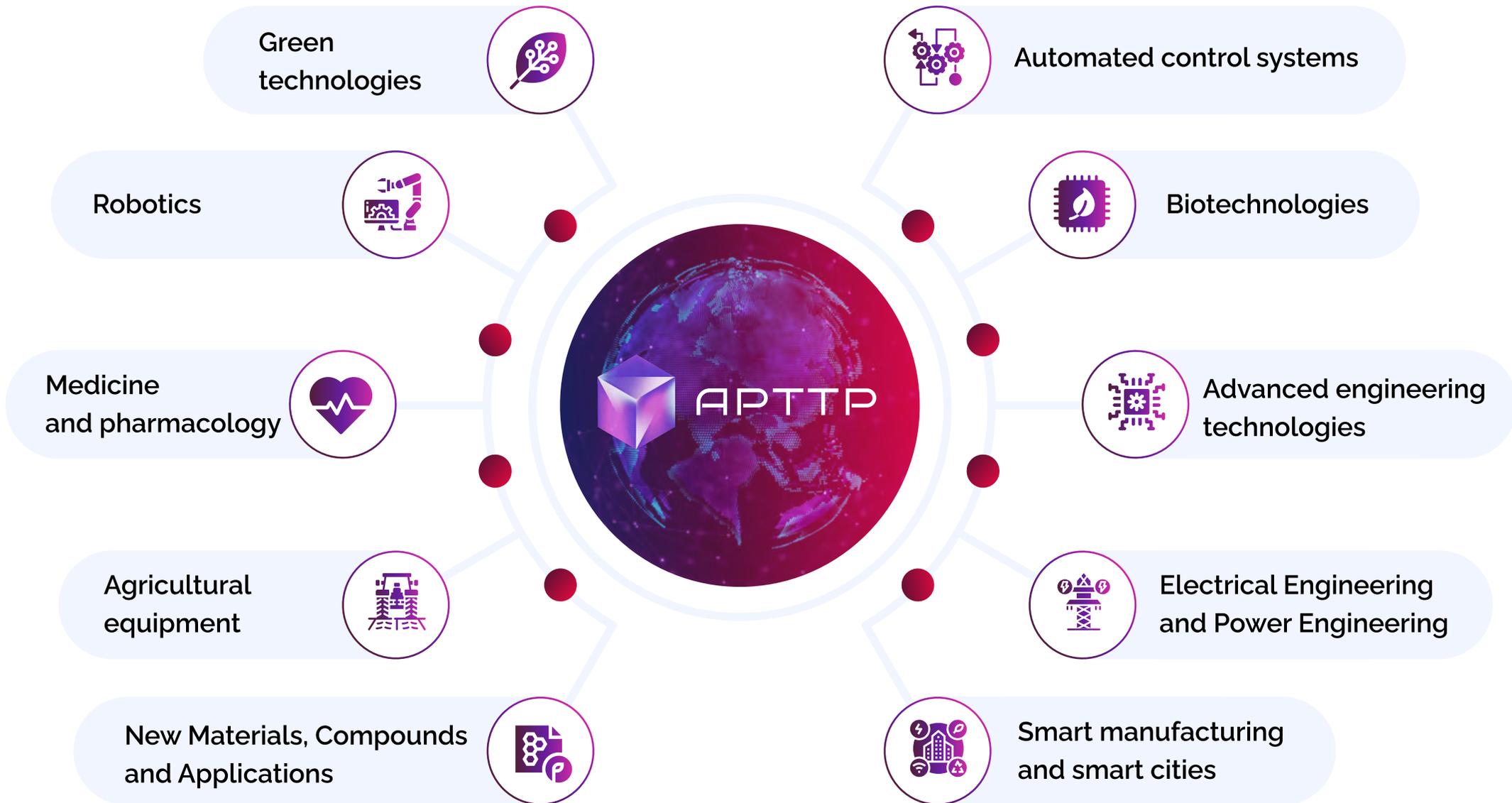


The establishment of a unified
scientific and technological
environment

Stakeholders



Key areas



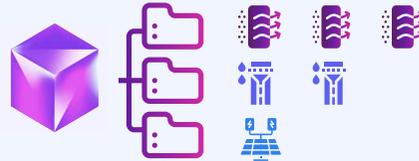
An example of platform utilization

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

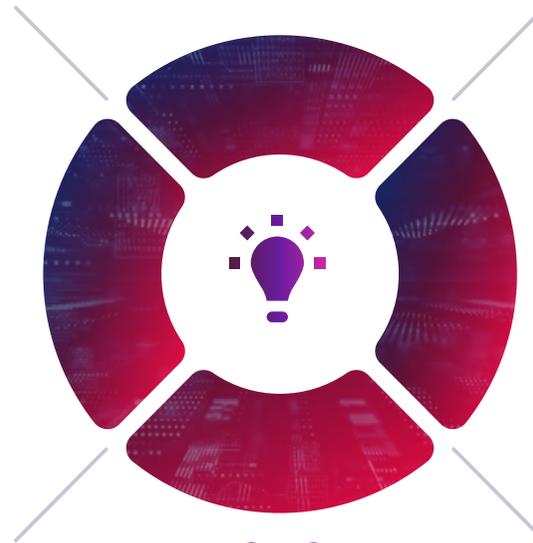
Advantages:



The globalization of
innovative ecosystems



Accelerated decision-
making process

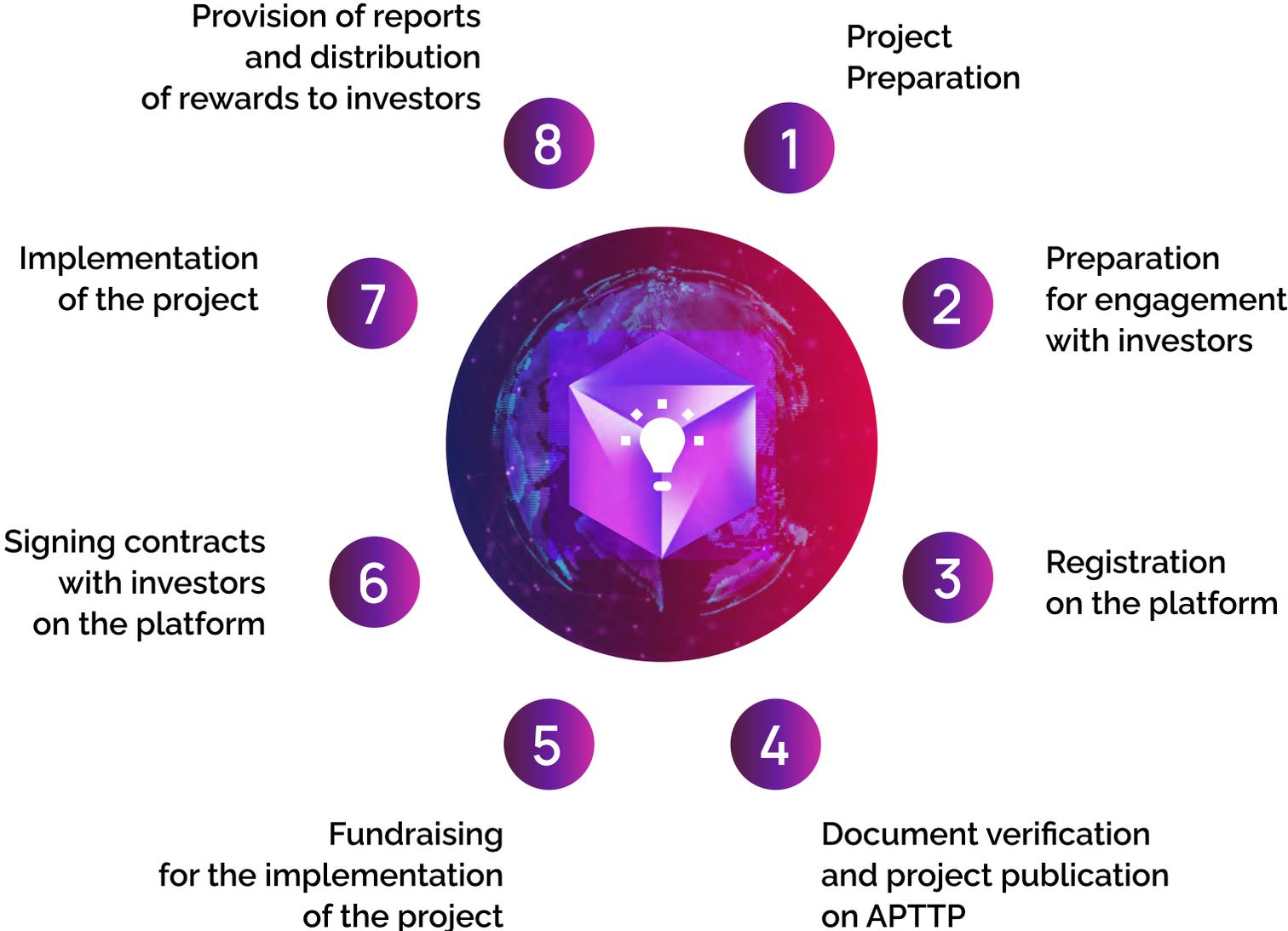


Improving the efficiency of the
investment process



Exclusion of intermediaries

The mechanics of crowdfunding on APTTP



Example



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

Payment methods

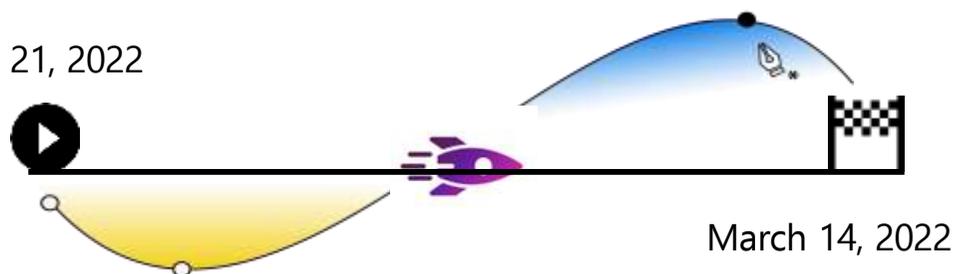


How much microplastic in waters of Lake Baikal?

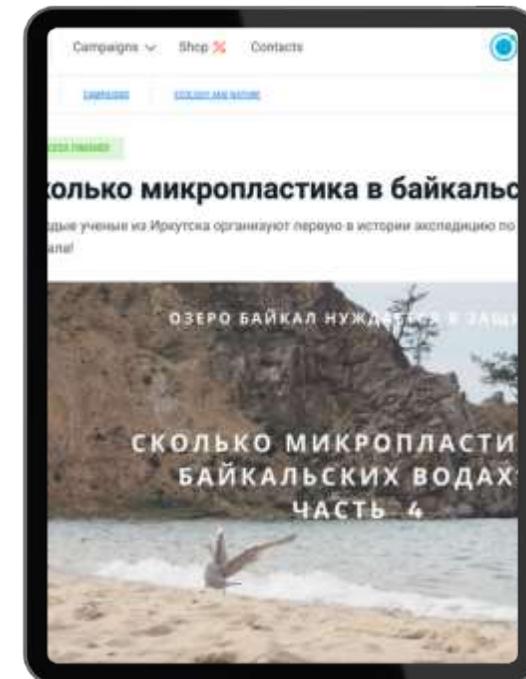


"Young scientists from Irkutsk are organizing the first ever expedition to study microplastic pollution of the waters of Northern Baikal!"

January 21, 2022



Amount collected: 50 148 rub.

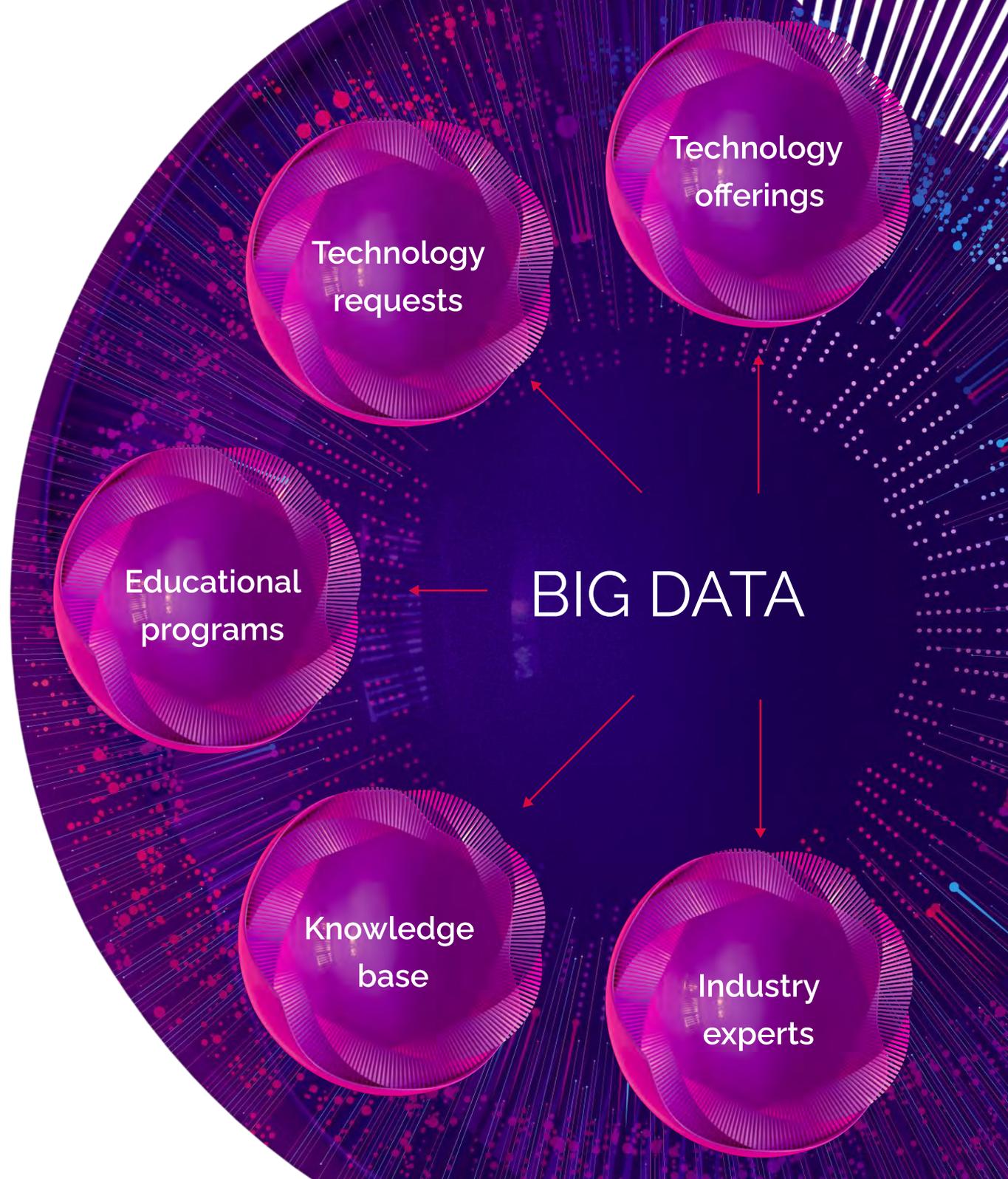


Rewards:

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



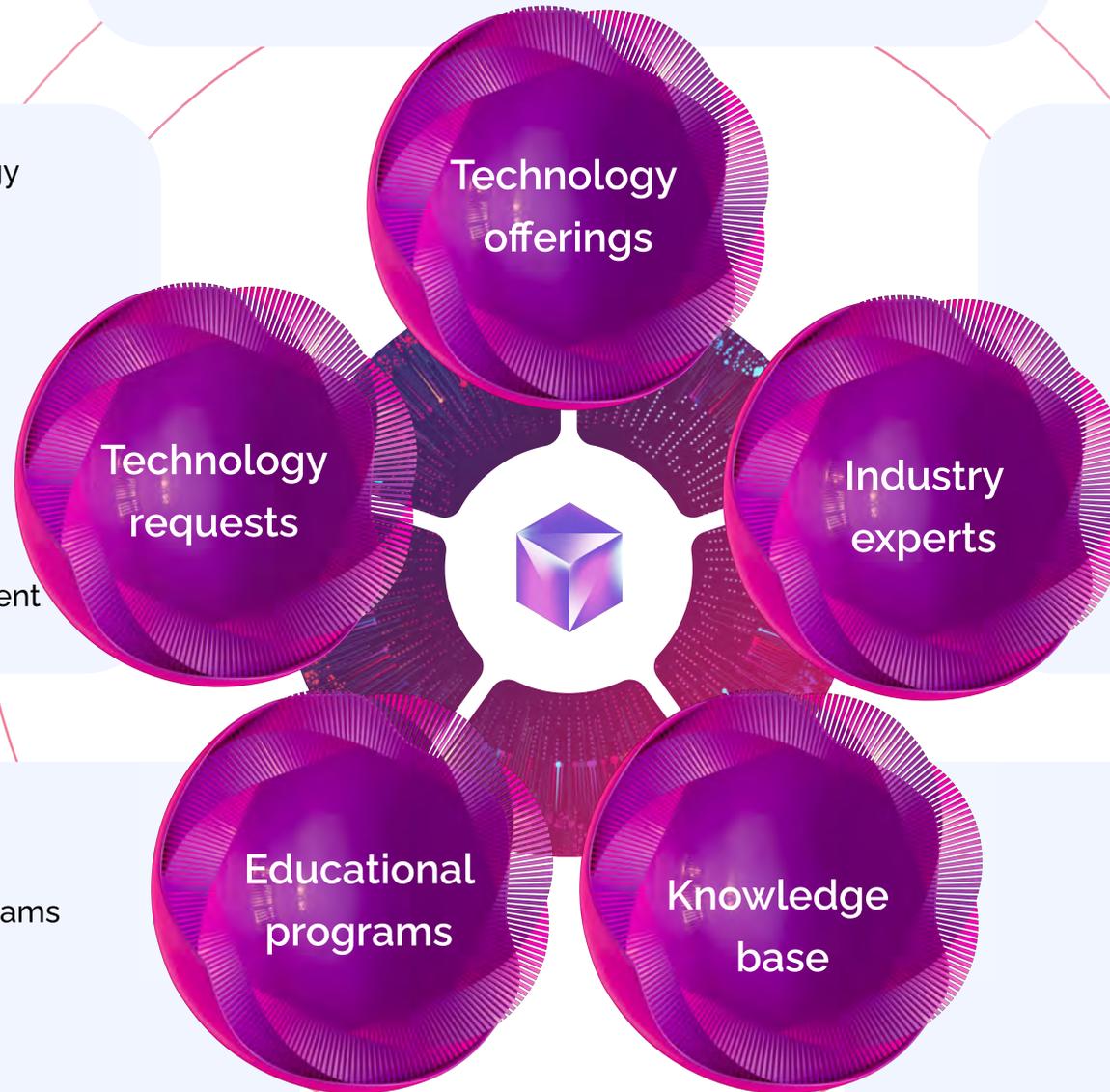
- Catalog of advanced technological solutions
- Opportunity of placing technology proposals
- Selection of proposals based on needs

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

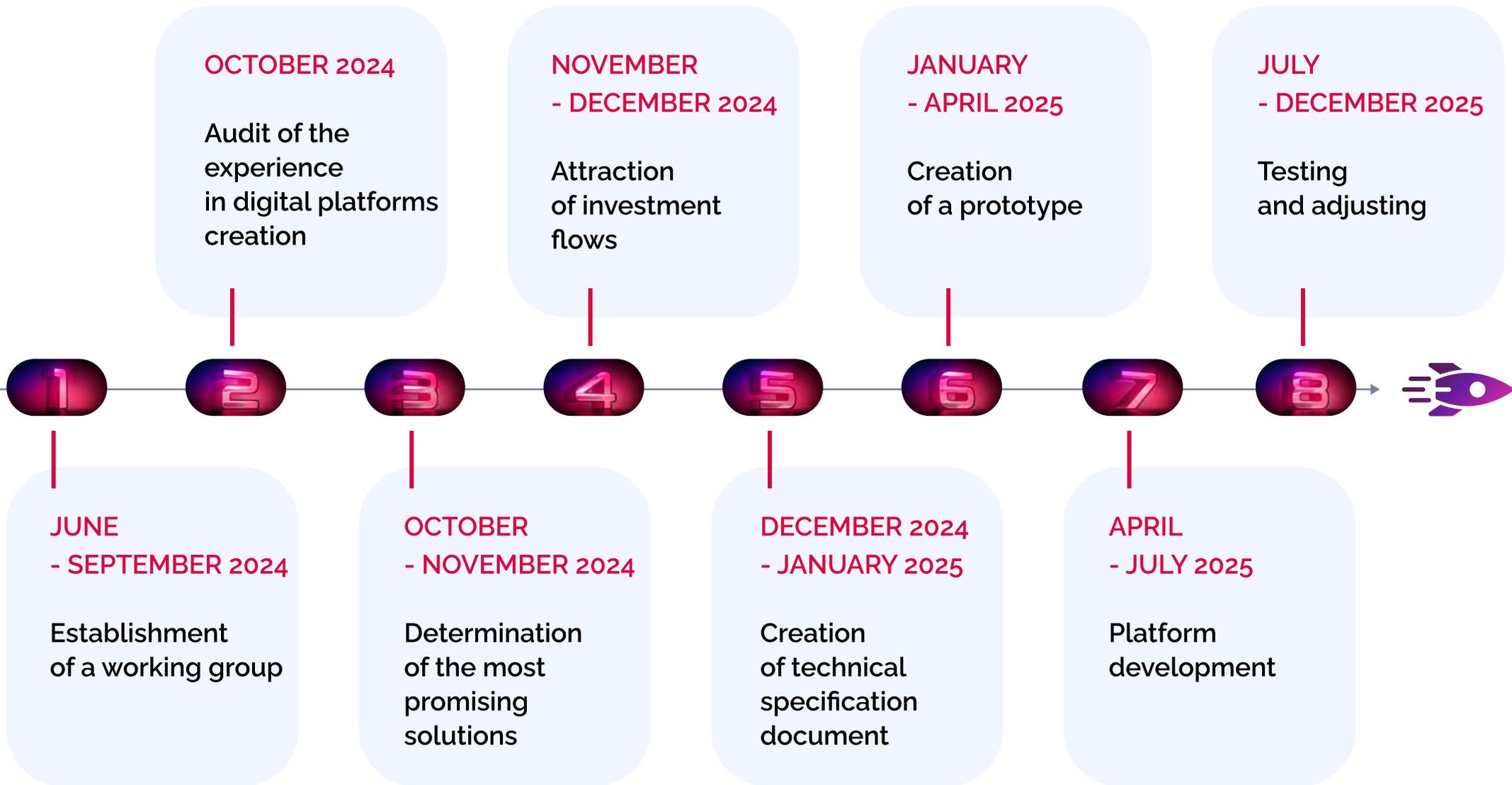
- Database of scientific teams and experts
- Ability to search for specialized experts for projects
- Vacancy database for professionals

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

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



Road map



Thank you for your attention!



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Russian
Federation



APCTT
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RUSSIAN HOUSE
OF INTERNATIONAL
SCIENTIFIC AND TECHNICAL
COOPERATION