



APCTT

Asian and Pacific Centre
for Transfer of Technology



The 12th APFSD

Fostering Regional Cooperation: Building partnerships between
scientific and research councils in the Asia Pacific region

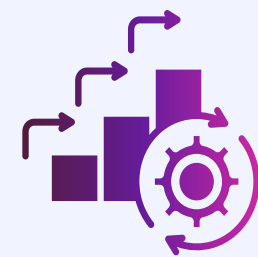
Platform-based collaboration in digital ecosystems: opportunities and perspectives



RUSSIAN HOUSE
OF INTERNATIONAL
SCIENTIFIC AND TECHNICAL
COOPERATION

26 February, 2025

Challenges and opportunities for the Asia-Pacific region



The need of unlocking the full potential and broadening the horizons of scientific and technological collaboration in the Asia-Pacific region



The lack of a unified platform for communication between all parties involved in the technology transfer process



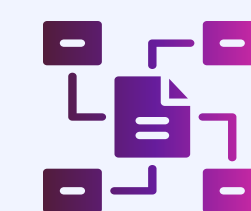
The challenge of identifying partner organizations for technology transfer or establishing partnerships in high-tech sector



Lack of information on necessary technological solutions demanded by individual countries

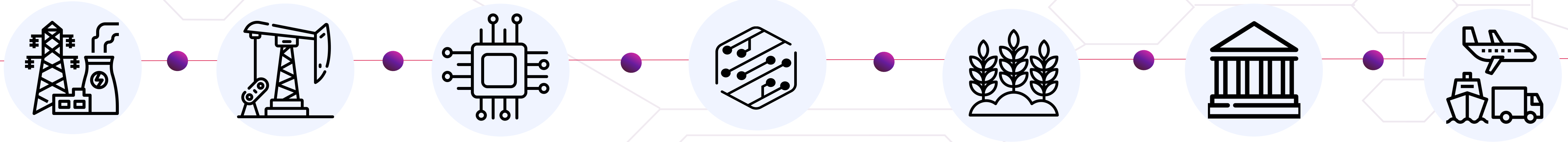


Lack of a unified infrastructure, different approaches to projects implementation for developing scientific and technological cooperation between countries



Decentralization of information sources does not allow key players to form an opinion about the innovation and technology market trends

Background



Platform is an integrated, self-sufficient and unified system that integrates a number of digital services and application tools, as well as unites digital and real space, allowing it to integrate digital tools and services, digitize various processes and build relationships between users within the framework of the platform

Stakeholders



Executive authorities
of partner countries



International
organizations



State-owned
corporations




Industry experts in the field
of science and technology



Educational
institutions

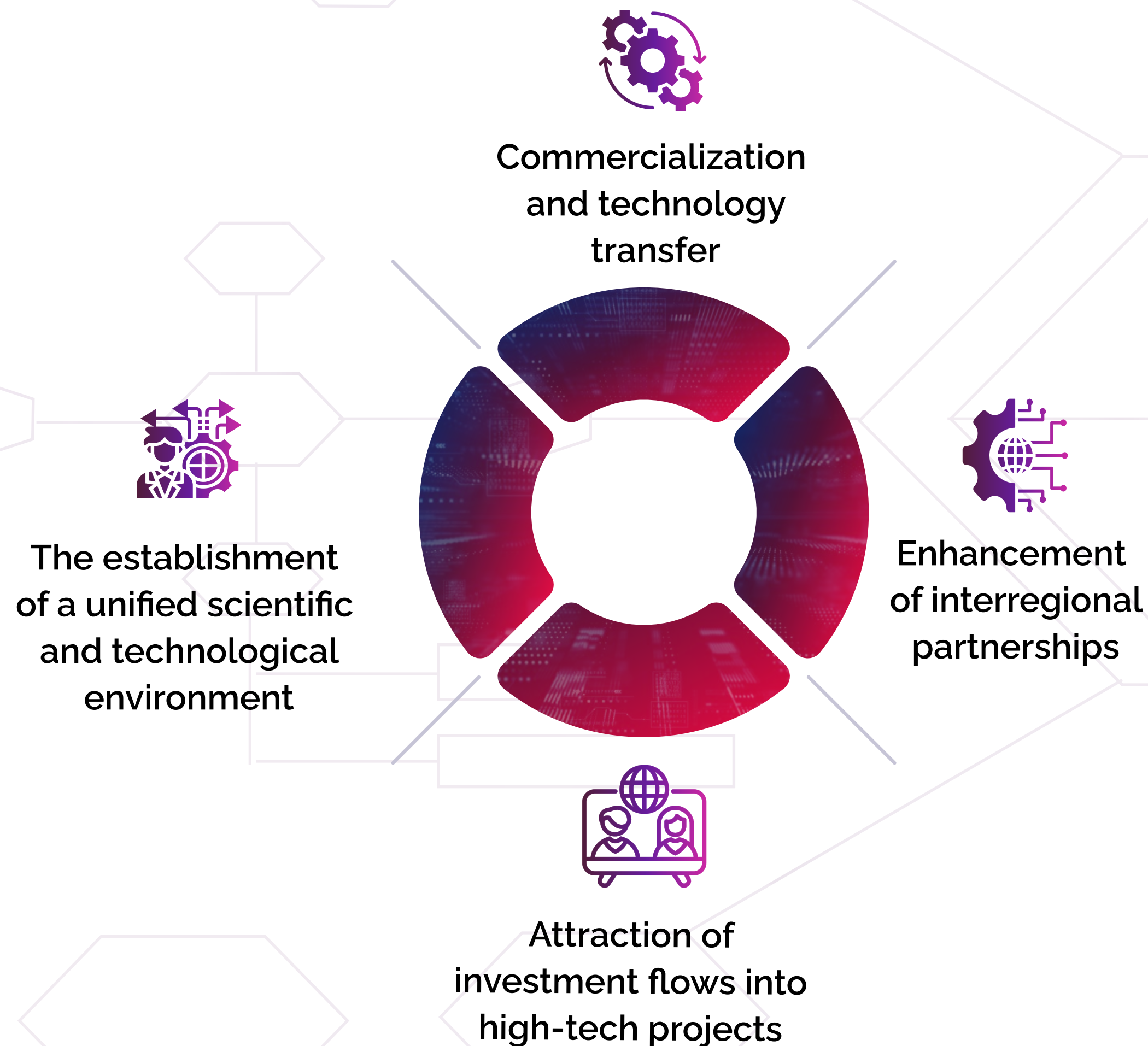


Scientific
institutions



Private
business

Opportunities for Interregional Collaboration



Digital platforms offer immense opportunities for interregional collaboration. They can enhance scientific and technological cooperation by providing access to information on technological solutions and potential partners

For instance, a platform dedicated to renewable energy could allow countries to share best practices and collaborate on innovative projects

Domain "Science and Innovation"

Digital service that consolidates information about the achievements of Russian science, scientists and research teams, implemented on the basis of the Unified State Information System for Accounting for Research, development and technological work for civil purposes, using a secure unified cloud platform solution "GOVTECH"

The services will enable researchers to foster collaboration, accelerate the process of obtaining funding, and gain access to scientific resources, tools, and equipment

Serveries



The Project Plan Design



The Research Reporting Service



Supplies marketplace



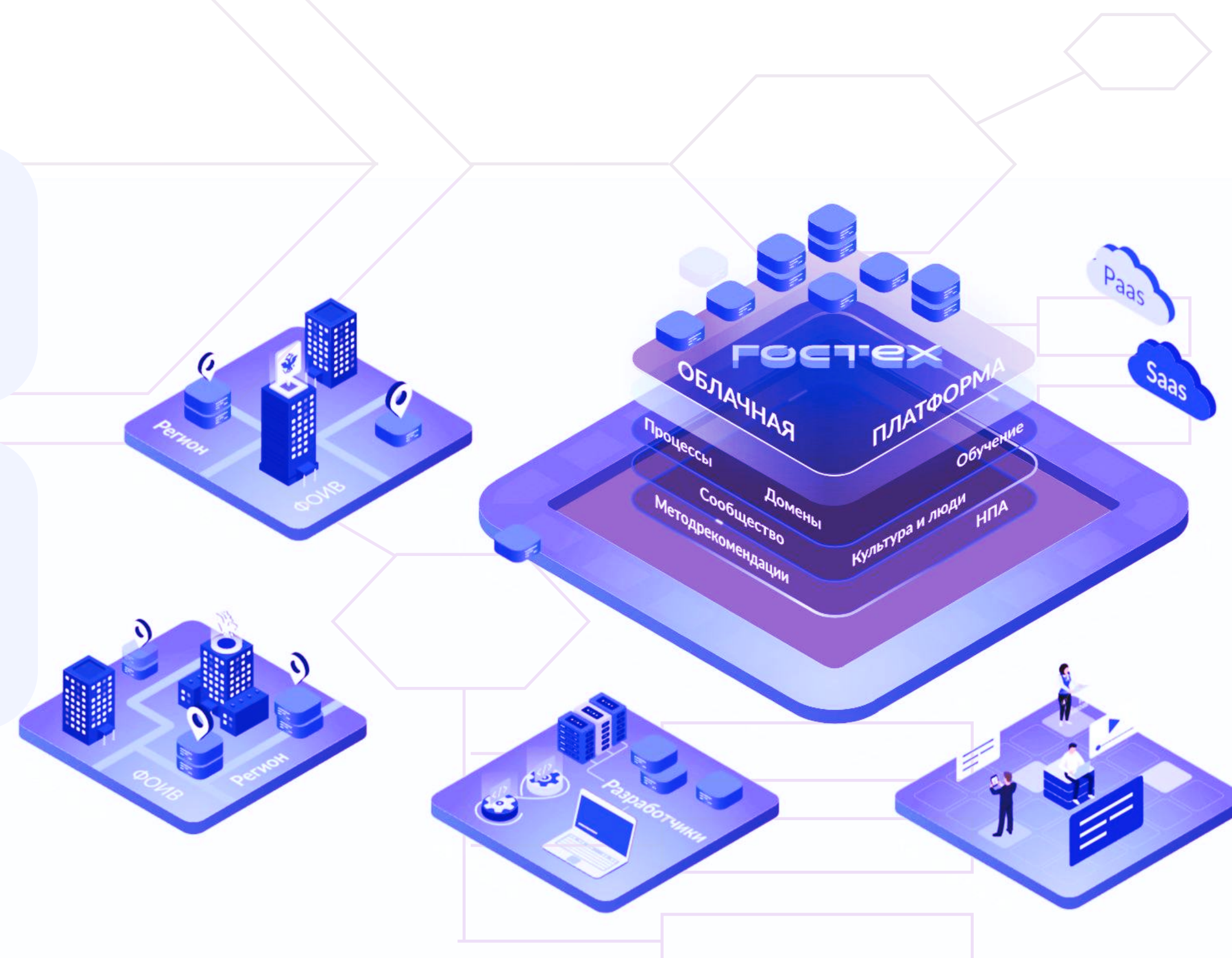
The project Economics calculator

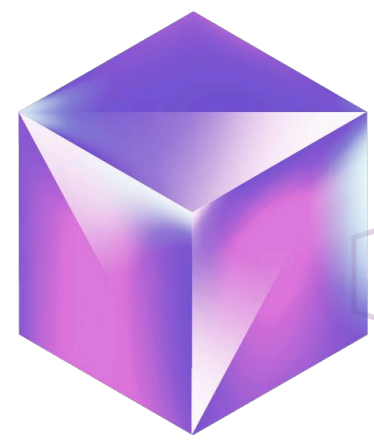


A service for secure storage, collective editing and file transfer



Service of technological requests from businesses





Asia and Pacific Technology Transfer Platform (APTTP)

Goals



Consolidation of information flows about the latest technologies and developments



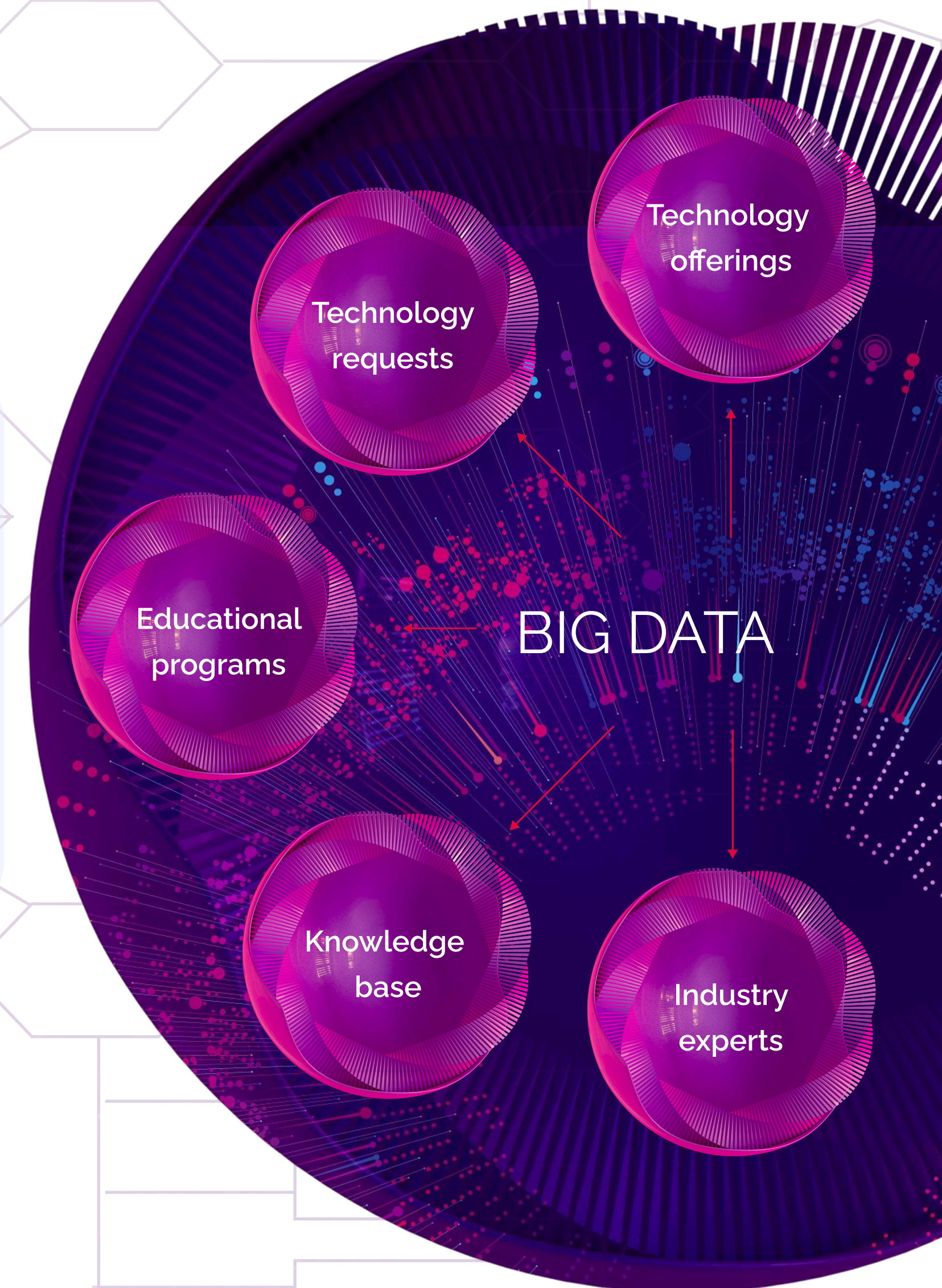
Formation of a broad and accessible database of big data for the Asia-Pacific countries



Creation of a unified digital platform for communication and exchange of developments between the Asia-Pacific countries

The Architecture

The platform creates conditions for information content of the cores to provide interested parties with access to comprehensive database of the latest technological developments



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

