

Interuniversity innovation fund of Tomsk region

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Background of the formation of innovation infrastructure

1. RF Government Order on October 6, 2011 № 1756-r of the establishment on the basis of Tomsk region center of education, research and development.
Under this program should be created an innovative center for education, research and development, that is created on educational, research and industrial base of Tomsk region organizations in 2011-2020 y.y.
2. Four of the University of Tomsk region TSU, TPU, SGMU and TUSUR won the competition for the RF Government Resolution № 219 “About state support of innovation infrastructure in the federal institutions of higher professional education”

CREATING A COMMON INNOVATIVE SYSTEM

December 9, 2011 TSU, TPU, SGMU and TUSUR signed an agreement on inter-university cooperation in the implementation of the RF Government Decree № 219, in which they have agreed on cooperation and partnership:

- Creating a common information space for innovation infrastructure;
- The use of mutual opportunities for advanced training of teaching staff and other employees of the parties
- Co-organization and holding research, scientific and practical conferences, symposia, and forums;
- Working together to improve the training and methodological support in the preparation of innovative entrepreneurs;
- Assistance in the promotion of innovative technologies and products of the parties to the world markets;
- Ensuring openness of the innovation infrastructure for students, faculty, staff of all universities;
- Implementation joint cross-disciplinary complex projects based on innovation infrastructure

To achieve the objectives we propose to establish the
"Inter-University Innovation Fund (IIF)"

The mission of IIF

- Modernization of the regional economy
- The development of innovative entrepreneurship
- Creating of innovative ecosystem

Field of Activities of "Inter-University Innovation Fund"

IIF

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graph TD; IIF[IIF] --- A[The development of student entrepreneurship]; IIF --- B[Improving research and educational directions]; IIF --- C[Creating pre-seed and seed center]; IIF --- D[Establishment Grant Fund and Seed Fund]; A --- A1[Student Club "Entrepreneur"]; A --- A2[Center for business-plan competition of student projects]; B --- B1[Specialized training programs in entrepreneurship]; B --- B2[Laboratories of scientific research]; D --- D1[Grant Fund]; D --- D2[Seed Fund];
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The development of student entrepreneurship

Student Club "Entrepreneur"

Center for business-plan competition of student projects

Improving research and educational directions

Specialized training programs in entrepreneurship

Laboratories of scientific research

Creating pre-seed and seed center

Establishment Grant Fund and Seed Fund

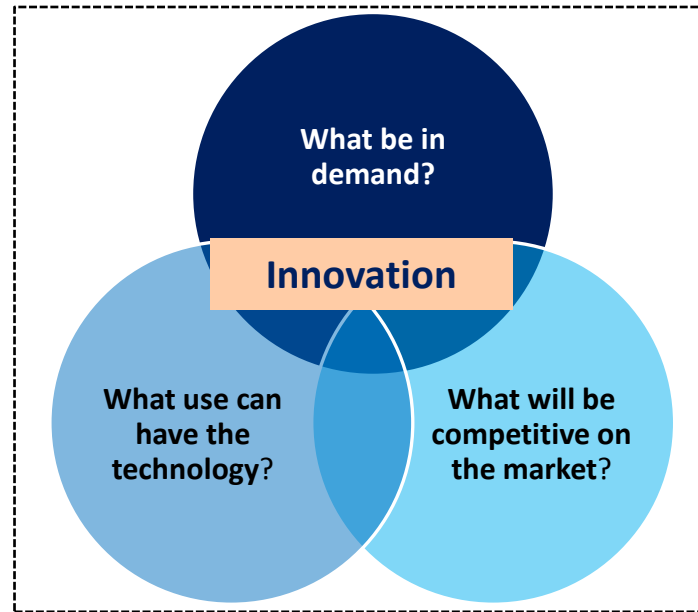
Grant Fund

Seed Fund

Pre-seed and Seed Center

Professional expertise to carry out the commercial viability of projects, developing commercialization strategies, training of teams for innovative projects, project development, assistance in the search for investment.

Projects and ideas go to Pre-seed and seed center to review and assess the need for consulting services



The selected and trained team with professionally designed business portfolio ready for submission of applications for seed funding to commercialize their technology ideas



Pre-seed and Seed Center of Projects (PSCP)



The main functions of PSCP

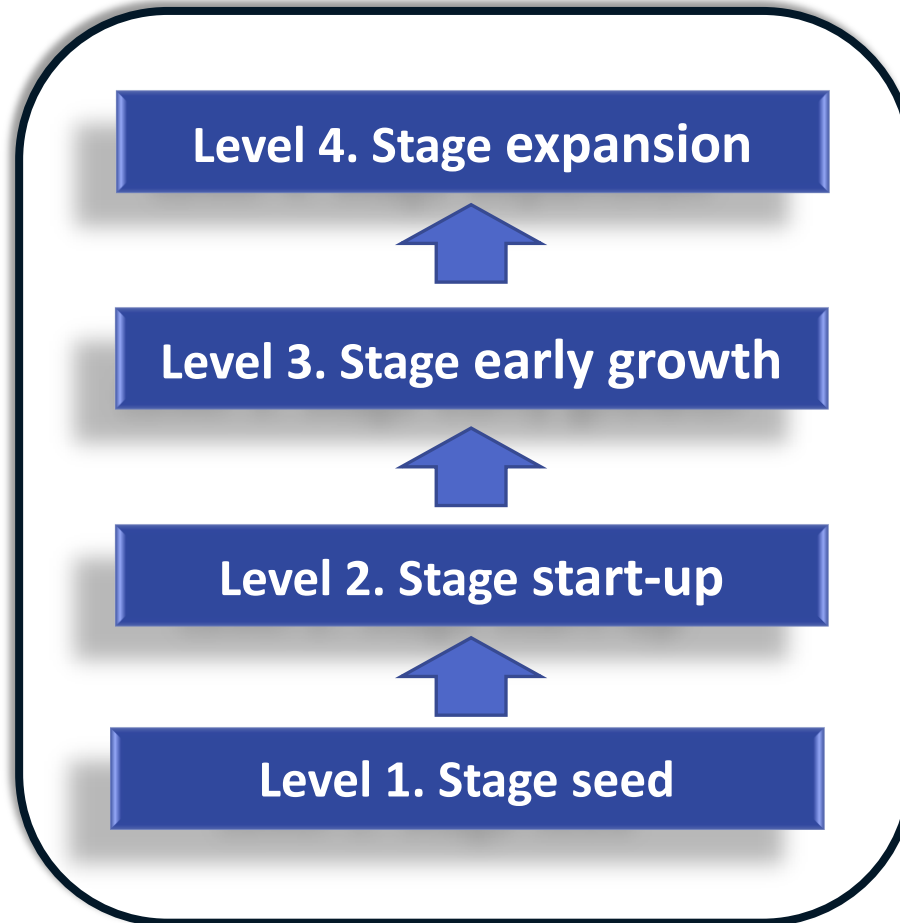
- Expertise and preliminary selection of ideas, teams, projects
- The primary consultation and assistance in the preparation of presentations, applications for funding and grants
- Professional market research. Search and study of international markets for innovative technologies.
- Expert evaluation of the commercial potential of projects.
- The development of commercialization strategy.
- The program of formation, training and education of project teams
- Assistance in attracting leading Russian and foreign business experts to work with projects and exchange of experience
- Help teams to enter the business community (the formation of stable relationships with partners, investors, experts, organizations, infrastructure)
- Support for social activity Innovators (Innovators Club)
- Further development and professional "packaging" of projects (business plan, road map, the financial model, presentation, application)
- Promotion projects program and assist in attracting seed funding

Lift for innovations -

combination of factors and elements of the innovation system, affecting the appearance and development of small innovative enterprises, that is, the transition SIE from the stage "seed" to the stage of "start", then to the stage of "early growth".

Lift for innovations – it is an independent system, consists of different elements: scientific and educational institutions, organizations of the innovation infrastructure, including consulting firms, financial institutions, etc.

The system of “lift for innovations”



Legislative system

Educational system

Information infrastructure

Financial infrastructure

Organizational infrastructure

Financial institutions, which support the SIE on different stages of their development

No	Stage of development	Financial structures
1	Seed	informal investors, seed funds, federal and regional state grant programs, business angels, corporate venture capital investors.
2	Start-up	seed funds, federal and regional state grant programs, business angels and their networks, corporate venture capital investors.
3	Early growth	private investors, the Business Angels Networks, venture capital funds, corporate venture capital investors, banks.

The elements of organizational infrastructure depending on the stage of company development

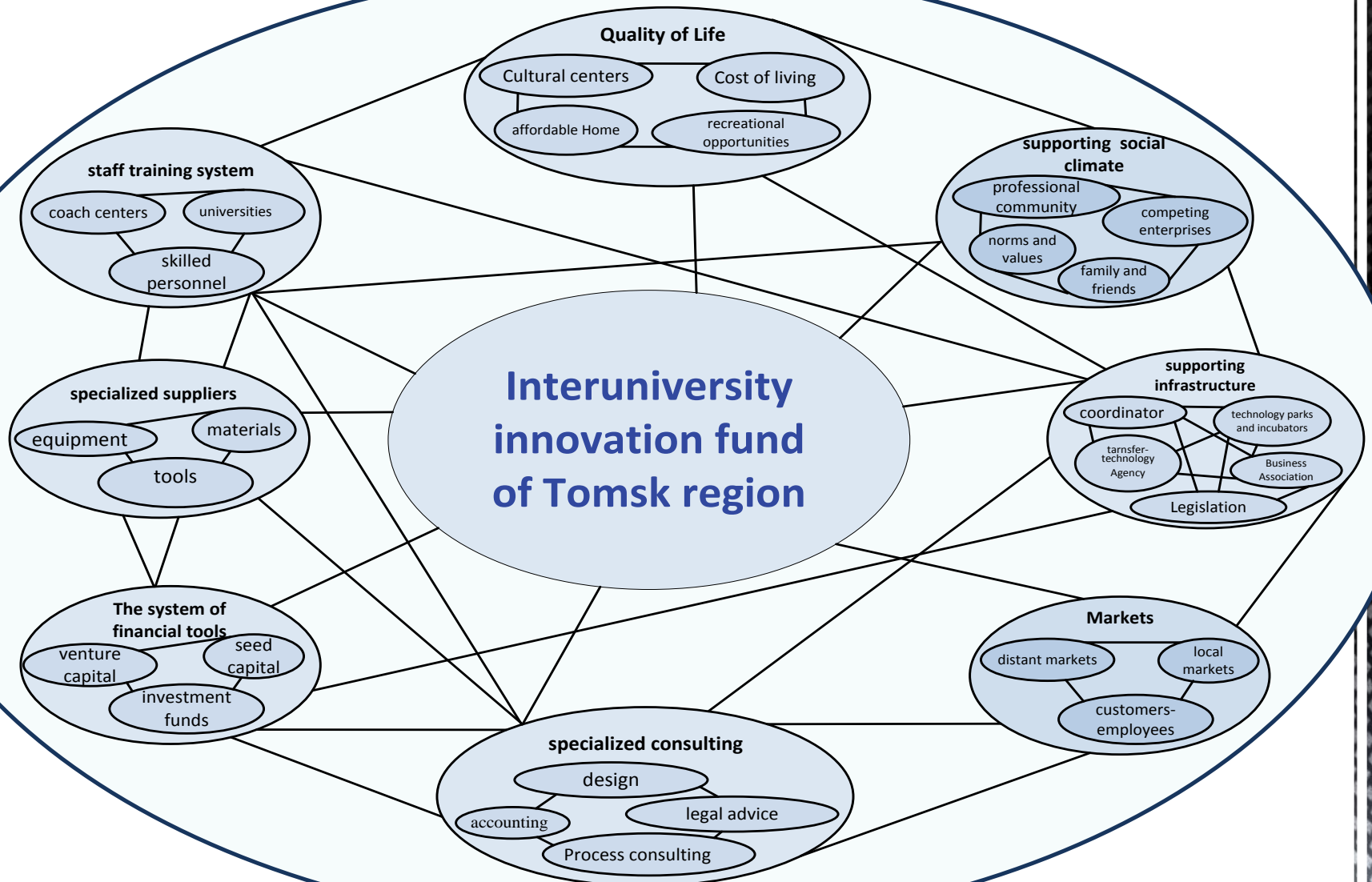
No	Stage of development	The elements of organizational infrastructure
1	Seed	Research institutes and research laboratories; University Center for Innovation and Technology; Joint Use Centers
2	Start-up	Technology Transfer Centers; Business Incubators; prototyping center
3	Early growth	Technological parks

Innovative cluster

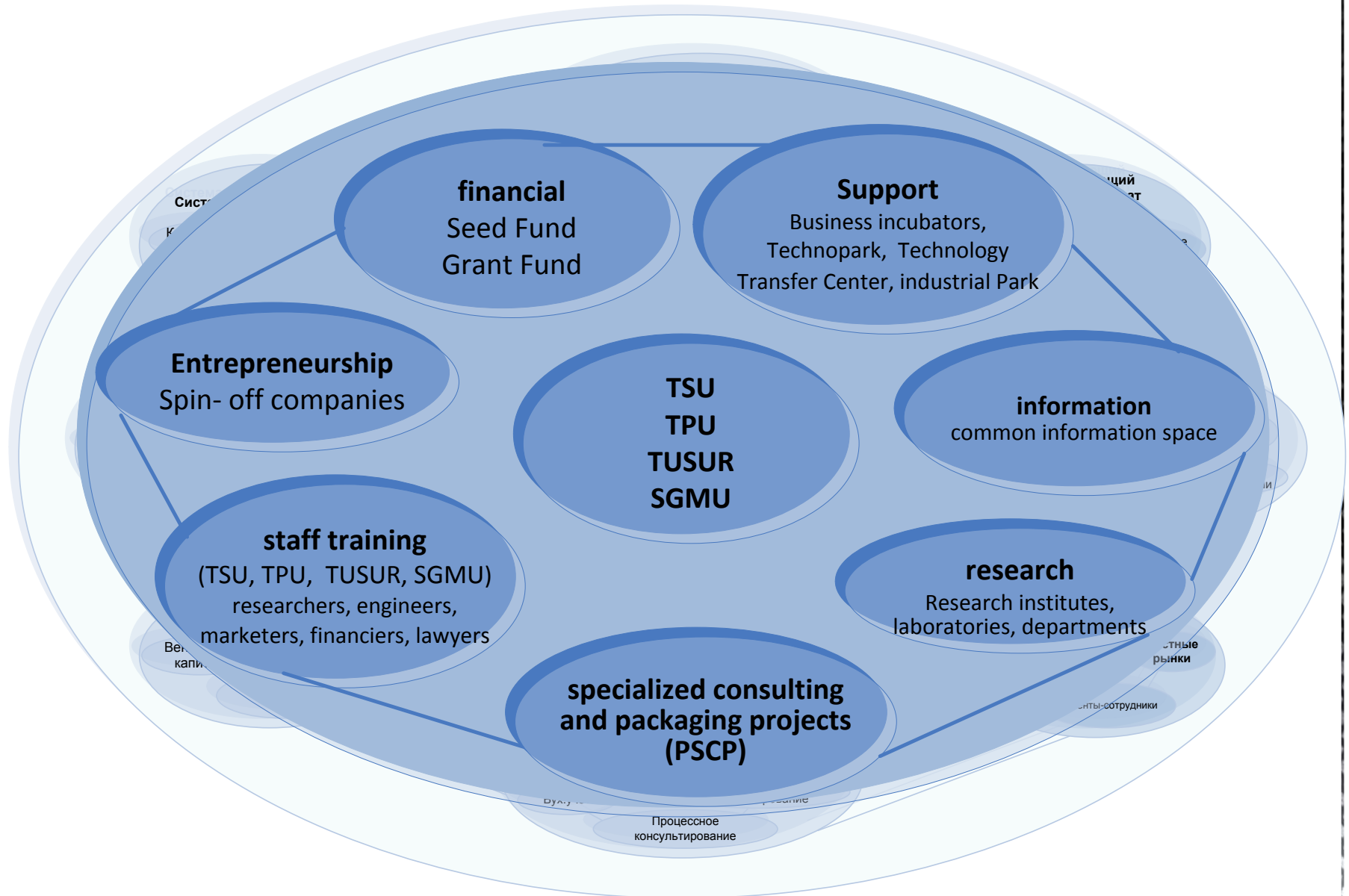
Regional Innovation Cluster (RIC) - a group of geographically neighboring interconnected companies and related organizations in the field of innovation, *regardless of technological specialization*, complementary to each other and contributing to the development as each element of the cluster, and innovative potential of the region.



The model of regional innovation clusters



The core of the regional innovation cluster (Interuniversity innovation fund of Tomsk region)



Thank you for your attention!