BIOMEDICAL CLUSTER OF KEMEROVO REGION

Cluster, Kemerovo region

Cluster name
Biomedical Cluster of Kemerovo Region

Year of cluster creation
2012

Key specialization profile
Medical Industry

Associated specialization profile
Healthcare and social services; New Materials; Optics and Photonics; Industrial Biotechnologies (production of goods with the use of enzymes and microorganisms for subsequent use in chemical industry, health care, food production, fodder production, detergents, paper and pulp, textiles and biofuel energetics); Pharmaceutics; Chemical Production

Number of cluster participants, units
53

Number of employees working for cluster organizations-participants, people
21,741

Level of organization development
Initial

Cluster status
Supported by the Cluster Development Program of the Ministry of Economic Development of Russia for Small and Medium Business Support

Support provided to cluster on the part of the subject of the Russian Federation
Yes

Brief description of primary products (primary services) produced (provided) by cluster participants
The following produce-related and intellectual deliverables supplied to the "specialized markets" are understood to be the cluster products:
1) Pharmaceutical products and biologically active additives;
2) Biomedical goods and materials;
3) Medical services;
4) Technologies associated with preventive care, diagnostics, treatment and rehabilitation;
5) Technologies related to medical aid delivery (organization of arrangement and management systems for medical institutions, systems for efficient cooperation with patients, resource supply systems and staff training systems);
6) Scientific research (patents) for methods of biomedical materials’ production, as well as for articles made therefrom, other medical goods and pharmaceutical drugs; methods and technologies for diagnostics and treatment as well as door-to-door delivery of medical substances;
7) Education-related services (field-specific professional education, interdisciplinary educational programs, career broadening education and advanced training).

Cluster website
www.technopark42.ru

CLUSTER MANAGER

Full name
Rushanya Gabdulkhatovna Dautova

Name of organization
OJSC Kuzbass Science Park

Position
Leading Specialist of the Cluster Development Center

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+7 (3842) 77-88-70

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PLACE OF THE CLUSTER MANAGER EMPLOYMENT

Subject of the Russian Federation (constituent entity)
Kemerovo region

Inhabited locality
Kemerovo

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Address 1 Sosnovy Bor, 650002

PURPOSE OF CLUSTER’S PARTICIPANTS JOINING FORCES
improving competitiveness and quality of health services through intensification of scientific research, provision of incentives for small innovative businesses and large-scale introduction of biotechnology-related products on the market.

GOVERNING BODY
Form of legal entity's incorporation (abbreviation) Open Joint-Stock Company
Name of organization (excluding the description of form of legal entity's incorporation) Kuzbass Science Park
Powers granted to organization Managing company (specialized development organization) of the cluster
Type of organization Infrastructure Organization
Year of organization founding 2007
Year of appointment as a governing authority 2014
Number of full-time employees overseeing cluster-related managing tasks 3
Organization website www.technopark42.ru
Country Russian Federation
Subject of the Russian Federation (constituent entity) Kemerovo region
Inhabited locality Kemerovo
Current address office 607, 1 Sosnovy Boulevard, 650002, city of Kemerovo, Kemerovo region

CONTACT PERSON
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FINANCING STRUCTURE OF CLUSTER MANAGING COMPANY
Revenue from sales of services provided by managing company, % 70
Regional resources, % 30

RANGE OF SERVICES OF CLUSTER MANAGING COMPANY PROVIDED THROUGH THEIR OWN MEANS OR THROUGH OUTSOURCING TO THIRD PARTIES FOR THE BENEFIT OF CLUSTER PARTICIPANTS
• Cluster organizational development and strengthening of cooperation ties between participants
Organizing theme-based meetings for various aspects of the cluster development (education, science, production, marketing, infrastructure improvement, etc.), organization of communication activities for participants to exchange experience and conduct internal benchmarking; Preparation or adjustment of the strategic, policy-related and planning documents regulating the cluster development as well as the preparation of suggestions to be entered into the documents of the cluster participants in order to ensure the necessary level of coordination of their activities; Implementation of the “single window” function to provide participants with methodological and consulting support on issues related to registration of documents, certification and licensing, providing legal, patent and accounting services; Monitoring of the cluster participants’ satisfaction with activities of the management company; Publishing internal information resources (regulations, guidance materials, digests, bulletins, newsletters, databases, product catalogues, etc.) that contain data on the activities of the cluster and its participants; Development of cooperation with Russian and foreign clusters (exchange of information on ongoing projects and possibilities of participation in them, developing joint research programs, study tours and presentations, etc.)
• Development of innovation potential and R&D sector enabling participants to manufacture new products

Database maintenance for competences of various cluster participants in scientific, technical and innovation spheres; Collecting and processing of proposals from the cluster participants on planned and on-going innovative projects and seeking participants interested in being involved in their implementation; Development of technology road map for the cluster development; Conducting workshops in the field of technological specialization of the cluster and innovation management, with participation of leading Russian and foreign experts; Organizing and conducting on-site competitive selection of the most promising ideas and projects in the field of innovation, research and development, including with the involvement of students, young lecturers and research associates

• Development of production capacities in order to scale up product competitiveness and increase market share of products and services produced or provided by cluster participants

Collecting and processing of information on the needs of large enterprises - the cluster participants in certain works performed by forces of small and medium businesses (production outsourcing), as well as on projects initiated by small and medium-sized entrepreneurs for the benefit of the large enterprises participating in the cluster; Preparation of investment proposals (market description, strategic plan, description of risk factors and strategies to reduce them, forecast of financial conditions, description of financing needs, etc.) with regard to the projects implemented within the cluster; Organization of meetings and negotiations with potential investors; Organization of business missions in Russia and abroad with participation of the cluster participants; Audit of the technological and production assets of the cluster participants; Conducting market research, including analysis of markets where the cluster products are offered, development forecast for the most attractive market segments, identification of the product types in the cluster with better market prospects; Organizing consulting and coaching for small and medium-sized companies for entrepreneurial skills’ development

• Development of workforce capacity

Database maintenance for Russian and foreign professional training programs, as well as retraining, advanced training and work placements corresponding to the needs of the cluster participants; Organization of workshops and other communication activities in field-specific universities with the aim of informing and attracting students and graduates to work in the cluster organizations

• Promotion of international cooperation

Database maintenance for foreign events (“cluster days”, vendor conferences, networking exchange floor, road-shows exhibitions, forums, workshops, etc) related to the cluster activities; Providing assistance to representatives of the cluster organizations with regard to their participation in events held abroad (preparation of applications, visa support etc.)

• Networking with government authorities

Maintaining database of state support tools and mechanisms for the cluster (public programs, contest on performance of works, state procurement, etc.); Collection and processing of proposals associated with the improvement of statutory legal base regulating the activities of the cluster, as well as changes in strategic planning documents at all levels in order to take into account the development priorities of the cluster; Forming a list of proposals for inclusion of representatives of the cluster to the coordination, expert and advisory groups in the government; Preparing consolidated data and reports, their provision at the request of relevant authorities