THE CENTER OF CLUSTER DEVELOPMENT
TOMSK REGION
2019
INNOVATION TERRITORIAL CLUSTER

Tomsk region

The subject of the Russian Federation which is a part of the Siberian Federal district, the territory with the rich cultural and historical heritage possessing high educational and innovative potential.
Project alliances

New organizational elements uniting innovative business, universities and external partners to create new export product lines.

- ARCTIC
- ROBOTIC TECHNOLOGY
- TECHNICAL VISION
- SMART CITY SOLUTIONS
- MEDICINE, PHARMACEUTICS
- DIGITAL HEALTH
Development, production and operation of advanced information and communication systems of different composition and functional purpose, designed to work in difficult and extreme climatic conditions of the Arctic and tropical zones of the world, as well as the development and implementation of telemedicine solutions in the field of remote health monitoring.
Robotic technology systems and educational robotic technology, including local navigation systems, distributed drive control systems, data exchange systems, intelligent servos and sensor environments.
The scope of competence of the project Alliance "Smart City" includes work related to the development and practical implementation of projects on wearable electronics (wearables), mobile payments (mobile payments), Internet of things (IoT), various innovations in transport, user identification and access control systems (online security & access control).
It is aimed at the development of a library of technical vision on the basis of experience in the field of video processing in the creation of high-performance efficient algorithms for video compression.
Development of UNMANNED VEHICLE capable to move in the Autonomous mode in a winter season and at different times of the day with observance of traffic Regulations of the Russian Federation in the conditions of city infrastructure, at possible absence of a road marking, low distinctiveness of a road surface, in the presence of traffic and hindrances to movement, at the level of the average driver.
A range of new products (polyprenols, biological substances and medicines based on them pharmaceutical ingredients, strains of microorganisms, hard and soft gelatin capsules) in profitable niches of world market.
Mobile solutions for the collection of biological and biometric information, sensors of biological signals, software for the collection and analysis of large amounts of biological information and decision support systems based on it.
NEW FORMATS

Personal support

- Work with development institutions;
- Representation of companies’ interests at exhibitions and fairs;
- Monitoring of project implementation;
- Organization and holding business meetings with potential partners and customers;
- Document management within the framework of project creation and realisation.
NEW FORMATS

B2G – sessions

- Actual problem;
- Modern solution;
- Dialogue;
- Possibility of implementation of developments in the region;
- Openness of the event.
NEW FORMATS

Live laboratory

Participants:
• Authority;
• Innovative company;
• Higher educational;
• Experts;
• City dweller.
"BOILING POINT – TOMSK" is a space of collective work of the Agency for Strategic Initiatives (ASI) for implementation of the National technology initiative and the development of the economy of the future. It is a place where project leaders meet and develop in the areas of the future: innovation, business, social entrepreneurship and industry, as well as art.
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