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Smart Innovation Center, s.r.o.

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Reg.nr.: 65409574
Director: Ing. Michal Burian, MBA (info@sic-ostrava.cz)

Operating data of the park

Membership in STPA: YES

State of the park: in process of accreditation

Partner in project SPINNET: NO

Launch day: 1.6. 2019

Founder(s): Smart Innovation Center s.r.o.

Owner(s): Smart Innovation Center s.r.o.

Operator(s): Smart Innovation Center s.r.o.

Type of entity:

Criteria for acceptance of innovation firm: Business consisting of research and development, especially focused on SMART technologies.

Description of the park

Introduction

Smart Innovation Center s.r.o. is a science and technology park with a business incubator, focused on supporting innovation, technology entrepreneurship, and collaboration between companies, research organizations, and universities. The company's primary objective is to create an environment that fosters innovative entrepreneurship in areas oriented towards SMART technologies, Industry 4.0, innovation activities, space sectors, and others.

The company operates infrastructure for the development of technology companies and projects, providing modern workspaces and professional services that support innovation, technology transfer, and the development of entrepreneurial competencies.

Key components of the company's infrastructure include:

- SmartPark Brno - an innovation center providing a science and technology park environment for research, development, and innovation in biotechnology, biomedical, smart, and space sectors.
- SKELET Ostrava - a complex science and technology park and business incubator. Building A serves the development of innovative companies and projects in the field of SMART solutions, while Building B complements the park's services with multifunctional spaces.

Through these activities, Smart Innovation Center s.r.o. supports the creation and development of technology projects, collaboration between companies and research organizations, and the transfer

of research and development results into practice. The company thus becomes an active part of the regional innovation infrastructure, contributing to the development of the business environment, technological innovation, and the competitiveness of the region.

Description of technology transfer

Technology transfer at Smart Innovation Center s.r.o. is carried out through the provision of modern infrastructure, mentoring, expert services, and the sharing of know-how, enabling companies to accelerate product development, test prototypes, and integrate new technologies into practice. The company actively supports the transfer of knowledge, research results, and innovative technologies into real-world applications.

Particular emphasis is placed on linking academic and applied research with the business sector, supporting the commercialization of R&D results, and creating an environment for effective cooperation between research institutions and technology companies in the fields of SMART technologies, Industry 4.0, space technologies, advanced technological solutions, and related areas.

Selected examples of technology transfer - SmartPark

TRL Space Systems, s.r.o.

- TROLL nanosatellite – development and successful launch of the TROLL nanosatellite demonstrating advanced space technologies, onboard data processing, and hyperspectral imaging.
- International missions – participation in ESA/NASA projects (e.g. EnVision) and collaboration on the development of electronics for the VenSpec H scientific instrument.
- Technology presentations – presentation of integrated satellite and drone data solutions at conferences and exhibitions (e.g. IDET 2025) as an example of complex technological system development.

Additional examples of technology transfer

Zaitra s.r.o. - AI software for satellite data processing relevant to the transfer of R&D results.

TRL Drones s.r.o. - autonomous drone technologies and related software contributing to the transfer of research and development into practical applications.

SKELET Ostrava

The SKELET Ostrava facility hosts a number of technology-oriented companies that use the infrastructure of Smart Innovation Center s.r.o. to develop their solutions and apply them in practice. Companies such as Hitachi Energy Czech Republic, Teledyne Czech, and the Moravian-Silesian Energy Centre operate in their respective fields with a focus on the application of advanced technologies and contribute to strengthening the regional innovation environment.

Activities of the resident companies include the development and implementation of technologies in the fields of energy, industry, and automation, the use of modern approaches in system management, and the sharing of professional expertise. These activities create an environment in which companies can test and verify innovative solutions and move them towards practical application.

Innovative entrepreneurship training

Smart Innovation Center s.r.o. actively supports the development of innovative entrepreneurship and entrepreneurial competencies by creating an environment in which innovative teams and early-stage entrepreneurs gain practical experience, professional guidance, and mentoring already in the initial phases of their business and technological development.

The development of innovative entrepreneurship is also implemented through cooperation with

regional institutions that support business and innovation, in particular the Regional Development Agency of South Moravia, the Chamber of Commerce of South Moravia, the Czech Chamber of Commerce, and the regional office of CzechInvest. In collaboration with these partners, seminars, workshops, and professional meetings are organized for companies operating within Smart Innovation Center.

These activities are aimed at increasing the competitiveness of innovative companies and cover areas such as legal and grant advisory, accounting and economic support, technological development, and strategic business management.

Support also includes the incubation and settlement of innovative companies. Early-stage entrepreneurs are offered the opportunity to join the business incubator at SmartPark Brno and SKELET Ostrava, gaining access to professional expertise, infrastructure, mentoring, and a network of professional contacts.

An important element of fostering innovative entrepreneurship is also linking the business environment with the academic and research sphere. The presence of technology-oriented companies and their projects creates opportunities for students, graduates, and researchers to engage in real technological activities and innovative projects.

Advisory services

Smart Innovation Center s.r.o. provides comprehensive services supporting technology companies, startups, and innovative projects. The aim is to enable the development of innovations, testing of prototypes, and the transfer of research results into practical applications.

Technical Services

- Modern workspaces and laboratories – companies have access to flexible office spaces, laboratories, and workshops for the development of SMART technologies, Industry 4.0 projects, and related solutions.
- Testing and prototyping infrastructure – the possibility to validate new technologies and products directly within SmartPark Brno or

SKELET Ostrava.

- Support for technological development – assistance with integrating new solutions into real industrial or research applications.

Advisory Services

- Strategic and technological consulting – expert advice for project development, defining technological goals, and commercializing research results.
- Mentoring and professional consultations – support for early-stage entrepreneurs and teams in the development of SMART solutions, space projects, or other innovations.
- Support for collaboration with universities and research institutions – connecting academic and business environments for effective knowledge and technology transfer.
- Assistance with financing and grant programs – expert guidance in obtaining grants, support for innovative projects, and investment in technology startups.

In addition, Smart Innovation Center s.r.o. provides joint marketing and PR support, facilitates participation in national and international networks and projects, and helps establish communication with research and development centers, universities, and industry partners.

Through the combination of modern infrastructure, expert services, and mentoring, Smart Innovation Center s.r.o. creates an environment where innovative companies can rapidly test,

develop, and apply new technologies, support the commercialization of research results, and strengthen entrepreneurial competencies.

Innovation infrastructure

Smart Innovation Center s.r.o. is a key element of the regional innovation infrastructure, connecting technology companies, startups, research institutions, and universities. The company creates an environment that supports the creation, growth, and development of innovative projects, thereby contributing to strengthening the region's competitiveness and its technological ecosystem.

Main Role in the Regional Innovation Infrastructure

- Linking companies and the academic environment - SIC facilitates connections between technology companies, research organizations, and students, supporting the transfer of knowledge and innovations into practice.
 - Support for startups and innovative projects - through the incubators at SKELET Ostrava and SmartPark Brno, SIC provides an environment where early-stage entrepreneurs and technology companies can test and commercialize their innovations.
 - Sharing know-how and experience - the company provides mentoring, consulting services, and technical support to companies in the early stages of development, strengthening the capacities of regional innovators.
 - Integration into national and international science and technology park networks - SIC is a member of SVTP ČR, actively collaborates with other science and technology parks, and contributes to the dissemination of best practices and innovative methods both within the Czech Republic and abroad.
 - Support for technology transfer - the infrastructure and services enable companies to bring research results into practice and contribute to the technological development of the region.
- Through these activities, Smart Innovation Center s.r.o. is an active and indispensable part of the regional innovation infrastructure, supporting technology-driven entrepreneurship, the creation of new innovations, and the integration of scientific knowledge into economic practice.

In addition, SmartPark, operated by Smart Innovation Center s.r.o., aligns with the regional innovation strategy of the South Moravian Region and the Statutory City of Brno for 2021-2027. The strategy aims to enhance the overall economic competitiveness of South Moravia and identifies sectors that are historically well-represented in the region and show the greatest potential for strengthening knowledge- and innovation-based competitive advantages.

Cooperation with universities

Smart Innovation Center s.r.o. develops cooperation with universities and research institutions to support innovation, technology-driven entrepreneurship, and knowledge transfer into practice. This collaboration is mainly carried out through activities within the infrastructure of SmartPark Brno (Masaryk University) and SKELET Ostrava (VSB - Technical University of Ostrava, University of Ostrava).

Key aspects of this collaboration include:

- Engaging students in projects run by technology companies located within the science and technology park.
- Opportunities for internships and practical training in companies based in the park.
- Sharing expertise between the academic environment and the business sector.

Thanks to the presence of technology-oriented companies in areas such as SMART technologies, Industry 4.0, IT, energy, and space technologies, students gain hands-on experience with real

projects, while research, education, and business environments are naturally connected.

Through these activities, Smart Innovation Center s.r.o. contributes to the development of human resources for the innovation economy and supports the professional integration of graduates into technology-driven fields.

Services provided to innovation companies

by STP

external

Consultancy

- business plans
-
- technological advisory
-
- patent advisory
-
- certification advisory
-
- financing advisory
-
- accounting
-
- legal advisory
-
- marketing advisory
-
- education (courses for entrepreneurs)

by STP

external

Technical services

-
- secretarial services
-
- telephone exchange
-
- telephone, fax
-
- copy
-
-
- text processing
-
- reception

- buffet, cantine
- conference space
- computer for technical usage
-
-
- workshops
- laboratories
-
-
- access to data banks
-
-
- exhibition space

by STP

external

Financing

- equity
-
-
- credits
-
-
- subsidies
-
-
- other forms

Service expenses

STP service costs

- only according to actual costs
-
- only fixed payment tariff
-
- fixed payment and additional charge for use
-
- in lumps: rent, security, cleaning, phone, post

Other costs (p.a.)

acc. to usage

fixed CZK/m²

heating

290

electricity

1310

others
 150

total

1750

Rent (p.a.)
CZK/m²

office space
7134

production space

others

Statistical data

innovation

other

institutions

TOTAL

Companies

17

20

37

Employees

435

273

708

Rented area m²

5158,24

2085,74

7243

STP

Land area
9691 m²

Built up park area
4527 m²

Utility area

7916 m²

- Rented area

7243 m²

= Remains for rent

673 m²

Innovation companies**C SOLUTION s.r.o.**

Reg.nr.: 28318340

C SOLUTION s.r.o. is a Czech technology company specializing in the development and implementation of software and IT solutions focused on process digitalization, data system integration, and supporting the digital transformation of organizations, primarily in healthcare and other public/technological sectors. Its technologies include integration platforms, hospital information systems, and other digital applications that facilitate the connection of heterogeneous data systems and improve operational efficiency. In doing so, the company contributes to the transfer of innovative software technologies into practical use and the modernization of digital processes in the economy.

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Technologies:

9011 - Software development

Branches:

73 - Research and development

CORAC Engineering s.r.o.

Reg.nr.: 14239337

CORAC Engineering s.r.o. is a Czech technology company operating in the fields of space technologies and cybersecurity. It focuses on the development of solutions for the protection of satellites, communication channels, and ground stations. The company's technologies are designed to safeguard satellite communications and data against unauthorized access, cyberattacks, or manipulation. The company develops software and hardware tools that can be used both in ground systems and directly on board satellites. In its development, it applies internationally recognized standards and best practices in space and cybersecurity, such as CCSDS, NIST, and OWASP. CORAC Engineering's technological activities contribute to the advancement of secure satellite systems and modern space applications for both the public and private sectors.

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Technologies:
9011 - Software development

Branches:
73 - Research and development
85 - Health and social work

Dopravní projektování, spol. s r.o.

Reg.nr.: 25361520

The main activity of the company is the design of transport, engineering, residential and civil buildings. It also offers a wide range of project work in the fields of rail and road transport, urban and suburban transport, communication, signaling and low-current technology, economics and other fields.

Ing. Romana Švrčinová
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Technologies:
1404 - Rail- and road-traffic engineering
9900 - Other

Branches:
73 - Research and development
93 - Other service activities

Ery s.r.o. (IFCOR)

Reg.nr.: 28297768

ERY s.r.o. (IFCOR) is a Czech technology-oriented company operating in the fields of biotechnology and biomedicine. It focuses on providing comprehensive laboratory and diagnostic services for general practitioners, outpatient specialists, hospital departments, and veterinary facilities. The company performs a wide range of tests in biochemistry, hematology, immunology and allergology, microbiology, molecular diagnostics, medical genetics, nuclear medicine, and pharmacology. Its activities include the implementation and application of innovative diagnostic methods, including molecular-genetic approaches applicable in prevention, diagnosis, and personalized medicine.

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Technologies:
0100 - Bioengineering
0102 - Biomedicine
0105 - Equipment for bioengineering
0108 - Molecular biology

Branches:

73 - Research and development

85 - Health and social work

Hitachi Energy Czech Republic s.r.o.

Reg.nr.: 08136289

Hitachi Energy is co-creating global and local solutions to solve the global challenge of an inclusive and equitable carbon-neutral future. Electricity will be the backbone of the entire energy system. By combining advanced digital solutions and services, such as Hitachi Lumada, with their energy platform, that is built on unique domain expertise and experience, they are helping to make the energy system more resilient and secure.

Marek Tinka

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Technologies:

0200 - Power engineering

0204 - Solar engineering

0205 - Other regenerative power sources

0206 - Storage techniques

Branches:

40 - Electricity, gas, steam and hot water supply

73 - Research and development

Koordinátor ODIS s.r.o.

Reg.nr.: 64613895

The company Koordinátor ODIS s.r.o. works on the development and maintenance of an IT system on which the integrated transport system of the Moravian-Silesian Region operates.

Daniel Kaps

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E-mail: daniel.kaps@kodis.cz

WWW: <http://www.kodis.cz/>

Technologies:

0400 - Information and communications technology

9011 - Software development

Branches:

73 - Research and development

93 - Other service activities

MONET+, a.s.

Reg.nr.: 26217783

MONET + specializes in ensuring a secure identity for electronic payments. For its clients, it develops two-factor authorization for digital channels, systems for secure and fast processing of EMV and closed-loop payments, PKI systems, chip cards, mobile authentication and acceptance of EMV cards in public transport and parking.

Josef Mikloš;
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Technologies:
0407 - Information and communications technology (other)
0408 - Information management
0410 - Mobile telecommunications
0417 - Transaction security
9011 - Software development

Branches:
72 - Computer and related activities
73 - Research and development
93 - Other service activities

Moravskoslezské energetické centrum, příspěvková organizace

Reg.nr.: 03103820
Creation and updating of energy policy and implementation of systematic energy management for buildings owned by the region. Preparation, cooperation in implementation and management of projects within the framework of energy management and in the area of smart region development.

Veronika Starostková
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Technologies:
0200 - Power engineering
0202 - Power engineering, power electronics (other)
0203 - Power transport systems
0204 - Solar engineering
0205 - Other regenerative power sources
1500 - Environmental engineering

Branches:
72 - Computer and related activities
93 - Other service activities

Moravskoslezský Vodíkový Klastr, z. s.

Reg.nr.: 17464781
Moravian-Silesian Hydrogen Cluster, z.s. is a Czech non-profit organization and innovation platform focused on supporting the development of hydrogen technologies and the hydrogen valley ecosystem

in the Moravian-Silesian region. Its mission is to actively promote the use of hydrogen in the economic transformation of the region and to coordinate partnerships and cooperation between organizations working in the field of hydrogen technologies, with the aim of effectively utilizing these technologies in the context of sustainable development. The cluster is also engaged in professional consulting activities, education, and public awareness in the field of hydrogen, organizing training sessions, and sharing information on modern energy solutions. Additionally, it contributes to communication and the connection of projects within the concept of hydrogen valleys in the Czech Republic

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Technologies:

0207 - Hydrogen technology

Branches:

73 - Research and development

NCR Česká republika, spol. s r.o.

Reg.nr.: 27920909

The company develops software and IT systems for digital banking, payment and transaction platforms, ATM systems, payment and ordering systems for restaurants and retail chains.

Michal Kukla

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Technologies:

0407 - Information and communications technology (other)

0410 - Mobile telecommunications

0417 - Transaction security

9011 - Software development

Branches:

73 - Research and development

93 - Other service activities

OPTOMA Europe Ltd.

Reg.nr.: GB 7017004

OPTOMA Europe Ltd. deals with the development and production of projectors, screens, documentation cameras and interactive panels.

Josef Kočica

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Technologies:

0400 - Information and communications technology
0401 - Image processing
0404 - Digital media
0418 - Virtual techniques
0900 - Microelectronics
0901 - Display technology
0904 - Information storage technology
1302 - Optoelectronics

Branches:

29 - Manufacture of machinery and equipment n.e.c.
31 - Manufacture of electrical machinery and apparatus n.e.c.
73 - Research and development

Slovenské elektrárne Česká republika, s.r.o.

Reg.nr.: 03866289

The company's goal is to be the safest and most innovative energy producer in Central and Eastern Europe. They operate 31 hydropower plants, 2 nuclear and 2 photovoltaic power plants, supplying up to 95% of energy without carbon dioxide emissions to the grid. In 2021, the Financial Times ranked Slovenské elektrárne among the top 300 climate leaders in Europe, of which only 22 are energy companies.

Roman Korzec

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Technologies:

0200 - Power engineering
0204 - Solar engineering
0205 - Other regenerative power sources
9005 - Nuclear energetics

Branches:

40 - Electricity, gas, steam and hot water supply

Teledyne Czech s.r.o.

Reg.nr.: 07869533

Enabling technologies for industrial growth markets that require advanced technology and high reliability. These markets include aerospace and defense, factory automation, air and water quality environmental monitoring, electronics design and development, oceanographic research, deep-water oil and gas exploration and production, medical imaging and pharmaceutical research.

Andrej Bencúr

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Technologies:

0100 - Bioengineering

Branches:

- 11 - Extraction of crude petroleum and natural gas, service activities incidental to oil and gas
- 73 - Research and development

TRAFIN OIL, a.s.

Reg.nr.: 27789080

TRAFIN OIL deals with the disposal of used gastro oils and fats, which are subsequently used, for example, for the production of biofuels, which are used ecologically not only for the operation of cars, but also for airplanes.

Kateřina Jasinská

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Technologies:

1500 - Environmental engineering

Branches:

- 73 - Research and development
- 93 - Other service activities

TRL Drones s.r.o.

Reg.nr.: 22300538

TRL Drones s.r.o. specializes in the development of autonomous unmanned aerial systems (drones) and their software components. The company uses SmartPark's infrastructure to integrate drone systems with other technologies and to test innovative solutions for monitoring, data collection, and autonomous operations. This development supports the transfer of technologies from research concepts into practical applications.

Diana Černayová

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Technologies:

0409 - Artificial intelligence

0416 - Software development technology

1403 - Aerospace engineering

Branches:

73 - Research and development

85 - Health and social work

TRL Space Systems, s.r.o.

Reg.nr.: 03467112

A Czech company focused on the development and application of advanced technological solutions, particularly in the areas of systems engineering, Technology Readiness Level (TRL), and innovative technologies with high application potential, including solutions for the space sector. It supports the transfer of technological solutions from the research phase into practical implementation.

Sandra Jiroušková

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Technologies:

0301 - Computer-assisted production, control and planning, robotics

0400 - Information and communications technology

0409 - Artificial intelligence

0416 - Software development technology

0417 - Transaction security

1402 - Aviation engineering

1403 - Aerospace engineering

Branches:

73 - Research and development

XT-Card a.s.

Reg.nr.: 274 08 256

The company focuses on the use of contactless smart cards for payment and transport applications. It specializes in multifunction cards that allow multiple applications to run on one card.

Tel.: +420 221 015 231

E-mail: info@xt-card.com

WWW: <http://www.xt-card.cz/>

Technologies:

1400 - Transport and logistics system, drive technology

1401 - Integrated traffic concepts

9011 - Software development

Branches:

93 - Other service activities

Zaitra s.r.o.

Reg.nr.: 08908508

Zaitra s.r.o. is a Czech company focused on the development of innovative solutions in the fields of biomedicine and digital technologies, with a particular emphasis on applications in personalized medicine and healthcare software. The company supports the transfer of research and development results into practice and the commercialization of its technologies through technology-oriented projects and collaboration with research institutions.

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Technologies:
0400 - Information and communications technology
0409 - Artificial intelligence
1403 - Aerospace engineering

Branches:
73 - Research and development

Subject:
Slovenská obchodná a priemyselná komora Žilinská regionálna komora

Country:

Slovakia

Type of cooperation:
common project

Description: Sharing of experience, cooperation offers, exchange of publications and information materials, assistance in establishing contacts between companies, schools and institutions of the Czech Republic and Slovakia, sharing information on promotional activities or exhibitions.

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