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## **Innovation Support Centre VSB-TU Ostrava**

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E-mail: [inkubator@vsb.cz](mailto:inkubator@vsb.cz)  
WWW: <https://cpi.vsb.cz/cs>

Park location on the map: [here](#)

Reg.nr.: 61989100  
Director: doc. Ing. Igor Ivan, Ph.D.  
Deputy: Ing. Miroslav Neulinger

### **Operating data of the park**

**Membership in STPA:** YES  
**State of the park:** accredited  
**Partner in project SPINET:** NO  
**Launch day:** 10.6. 2008

**Founder(s):** VŠB - Technical university of Ostrava  
**Owner(s):** VŠB - Technical university of Ostrava  
**Operator(s):** VŠB - Technical university of Ostrava

**Type of entity:** Public university

**Criteria for acceptance of innovation firm:**

<https://cpi.vsb.cz/en/services/rental-of-premises-business-incubator/rental-of-premises/>

### **Description of the park**

#### **Introduction**

Introduction

Innovation support centre is an university department whose activities are focused on following areas:

1. university engagement in high quality educational, scientific and research projects, especially those fund by European subsidies. CPI looks up subsidy opportunities, takes part in projects preparation and realization, including coordination of their effective management.
2. commercialization of selected university know-how, especially through intellectual property rights enforce and through activities supporting innovative entrepreneurship. Within this area, CPI runs Business Incubator.
3. coordination of popularization of science and technology in favour of VŠB-TUO. In connection with it, CPI carries out a function of Regional coordinator for supporting technical and science branches in Moravian-Silesian region.

CPI VŠB-TUO is a member of Science and Technology Parks Association CR.

Innovation Support Centre is divided into three departments - Project Support Centre, Centre of Technology Transfer and Entrepreneurship and Careers. Development of innovative entrepreneurship is under Entrepreneurship and Careers department.

## Description of technology transfer

The department Centre of Technology Transfer was created in 2012 as a part of Innovation Support Centre and it mainly focuses on knowledge and technology transfer between academia and industry for the purpose of R&D results commercialization. It offers services in area of intellectual property rights, commercialization of R&D results and innovative entrepreneurship support. The aim is to convey to the university the practical application of scientific discoveries and technological inventions and to allow the access of the application sphere to the latest scientific research findings and the technological equipment.

Examples of technology transfer:

### BROADBANDLIGHT: SMART-TECHNOLOGY SUPPORTED BROADBAND LIGHT REMOTE CONTROL

Inventors:

- prof. Ing. Karel Sokanský, CSc.
- doc. Ing. Radek Martinek, Ph.D.
- Ing. Petr Koudelka, Ph.D.
- Ing Jan Látal, Ph.D.
- doc. Ing. Tomáš Novák, Ph.D.
- Ing. Jaromír Konečný, Ph.D.
- Ing. Michal Prauzek, Ph.D.
- Ing. Zdeněk Tesař
- Ing. Martin Tomis
- Ing. Lumír Kunčický

Description of the technology:

As opposed to the traditional narrowband control, the technology of broadband remote control offers the option to incorporate illumination into the Smart technology concepts (Smart City, IoT, Industry 4.0, and Car2Car/ Infrastructure Communications). The current street lighting systems are not compatible with smart technologies without adding new and reliable data transmission systems. The proposed technology offers transmission rates from 100 Mbps to 1 Gbps without constructing new data infrastructure. The communication between the control centre and the light source occurs on the existing power lines, which is an advantage. The team of Professor Karel Sokanský have developed a complex solution for light control without any additional costs. Moreover, the solution brings other advantages, such as lower costs of electric energy supplies when detecting no traffic and thus no need for lighting. In the future, the system may be used in combination with other technologies for the cases of emergencies.

### INNOVATIVE MOBILE COMPENSATION OF ROPE TRACTION IN ELEVATORS

Inventors:

- doc. Ing. Leopold Hrabovský, Ph.D.
- doc. Ing. Robert Brázda, Ph.D.
- Ing. Jiří Bobok
- Ing. Tomáš Mlčák, Ph.D.

Description of the technology:

In the operation of electric elevators driven by a friction disc, the ropes suffer from different tensile stress in the rope cross sections due to the differences in rope stretch. Some load

bearing rope cross-sections may thus be overloaded when operating both electric freight and personal elevators. However, such uneven distribution of tensile stress may be eliminated, thus ending to a longer life of load-bearing ropes and friction discs. Researchers from VŠB-TUO have developed a method and device that enable a set-up, monitoring, and verification of the tensile stress size in the partial rope cross-sections supporting the car using the so-called rope traction compensation. The device is also able to set the tensile forces in the partial cross sections of load-bearing ropes when constructing new elevators or upgrading the existing ones. The traction in elevator ropes may be compensated using a mobile device, to which the load-bearing rope cross-sections are attached. The rope length is not disrupted due to the insertion of 'traction compensation' between the two rope ends. The prestress in the ropes is measured using meters allowing for a balanced distribution of load into the partial cross-sections of the load-bearing ropes in elevators.

### **Innovative entrepreneurship training**

Within their activities, Innovation Support Centre realizes many events, which are focused on increasing of interest in entrepreneurship and on development of business skills. The main target groups are university students and graduates. CPI members realize direct inputs in lectures in faculties with the goal to give students an idea of entrepreneurship as a life way. CPI also realizes successful accelerating programme called Green Light, which transforms idea and theoretical knowledge to innovative business plan. Subsequent after care helps participants to get to the heart of real business. CPI also roofs realization of innovative projects within postdoctoral research. It is necessary to mention many complementary activities under unified name Apple Juice Meeting. These informal meetings discuss interesting topics connecting with innovative entrepreneurship and new trends.

### **Advisory services**

Incubator offers modern facilities and many useful services for its residents. It helps beginners, but also experienced entrepreneurs on their way to success and prosperity. To beginners, we offer consultancy in administration affairs, appraisal and discussion of their business plan, contacts on colleagues, etc. For experienced entrepreneurs there are more sophisticated law services, intellectual property rights advices or cooperation with highly specialized university departments. Experienced consultant tends to every interested person and helps him in every phases of company development. Green Light is accelerating programme focused on entrepreneurship with the goal to motivate and support students to realize their own business plans.

### **Innovation infrastructure**

Innovation Support Centre is thanks to its Business Incubator and its services an important innovative infrastructure in Moravian-Silesian region. In fact, it's the only centre in the region with close connection to inner university and cooperating companies.

Selection of companies to Business Incubator is based on evaluation of their business plan. Incubator offers lease of offices, administrative facilities and coworking area.

Innovation Support Centre is closely connected with strategic visions of Moravian-Silesian region and it supports regional priorities RIS3 and many national priorities as well. The Centre creates partnership with other incubators in the region (IT STEEL, VTPO Ostrava). Some of CPI representatives are important members of work groups in Innovation Council, Regional Permanent Conference for programme period 2014 - 2020, Integrated territorial Investment, etc. The ISC also

became a co-founder of the new Transfera. cz Association - a platform for supporting development of transfer of technologies in the Czech Republic, Regional Contact Organisation for international projects, AIP CR (Association of Innovative Entrepreneurship CR), SVTP (Science and Technology Parks Association CR).

### **Cooperation with universities**

CPI cooperates with VŠB-TUO faculties and departments, but also with others universities, scientific institutions and organisations and corporate bodies within activities mentioned above.

### **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, canteen
- 
- 
- 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/m<sup>2</sup>**

heating

electricity

others

total

**Rent (p.a.)**

**CZK/m2**

office space

250

production space

250

others

**Statistical data**

innovation

other

institutions

**TOTAL**

**Companies**

17

17

3

37

**Employees**

169

71

15

255

**Rented area m2**

2690,2

218,9

90,9

2998

STP

**Land area**

10204 m2

**Built up park area**

5724 m2

**Utility area**

3155 m2

**- Rented area**

2998 m2

**= Remains for rent**

157 m2

**Innovation companies**

**3IT úspěšný eshop**

Reg.nr.: 28659163

3IT successful shop is company specializing in creation of the internet presentation and e-shops.

Ing. Michalis Katapodis

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WWW: <http://www.3it.cz/>

Technologies:

0400 - Information and communications technology

Branches:

93 - Other service activities

**Allgeier Engineering Czech s.r.o.**

Reg.nr.: 01908634

With concept of Professional Workforce Solutions provides Allgeier Experts innovative personal services and project solutions for the digital future.

Petr Skotnica

E-mail: [Petr.Skotnica@allgeier-experts.com](mailto:Petr.Skotnica@allgeier-experts.com)

Technologies:

9900 - Other

Branches:

93 - Other service activities

**ATEsystem s.r.o.**

Reg.nr.: 01392042

ATEsystem company was founded in early 2013 by group of specialists with many years of experience in supplying control, measuring and testing systems for industrial production, research and development. The solutions offered are largely based on industrial camera systems. The focus of the company's activities is the design of the technical solution, the elaboration of a feasibility study, the development of software management applications and the management of project teams consisting of own and external specialists. In cooperation with partner companies ATEsystem s.r.o. ensures the supply of subsystems, complete machines, equipment, production lines and technological units.

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E-mail: [atesystem@atesystem.cz](mailto:atesystem@atesystem.cz)  
WWW: <http://www.atesystem.cz>

Technologies:  
0400 - Information and communications technology

Branches:  
93 - Other service activities

### **Clever Decision spol. s r. o.**

Reg.nr.: 274 28 761

Clever Decision is a modern and flexible consulting software company. Our customers, which include leading commercial and state organizations, use our comprehensive services and solutions primarily in the field of Business Intelligence and data warehouses. Our solutions enable different types of users (from top managers to operational staff) to better evaluate and manage their activities, save costs and work.

Martin Dybal  
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WWW: <http://www.cleverdecision.com/>

Technologies:  
9900 - Other

Branches:  
93 - Other service activities

### **DATASYS s.r.o.**

Reg.nr.: 61249157

We are engaged in complex implementation and integration IT services, telecommunications and custom development. We are Datasys - a family, purely Czech and private company founded in 1994 by Miloslav Novák together with his wife.

Thanks to our expertise and experience, we have been involved in a number of interesting and socially important projects. Our goal is to create information technology to simplify the lives of all of us. Whether it is making offices available (egovernment contracts), simplifying public processes (working together to implement delivery boxes), and technology implementations across a wide



range of organizations. We believe we can help many companies make processes more efficient and simpler. Even in today's hectic times, we do not forget the importance of traditional values. In the first place, honesty and confidentiality of information remains with us. We believe that partnerships cannot do without decency and mutual respect, and that the modern world cannot function without consideration for the surrounding society and the ability to bear responsibility. In Datasys you can count on us.

Filip Molčan

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Technologies:

0400 - Information and communications technology

0404 - Digital media

0410 - Mobile telecommunications

0411 - Multimedia

0416 - Software development technology

Branches:

72 - Computer and related activities

73 - Research and development

74 - Other business activities

### **EVici Webdesign s. r. o.**

Reg.nr.: 28598661

Innovative company EVici webdesign, s.r.o. develops the application UpGate - a system for creating websites and e-shops. The company's goal is to create a social network-like environment tied to an Internet application. The result will be a significant streamlining of production while maintaining affordable prices and quality workmanship.

The innovation lies in the implementation of market design principles for the implementation of an original design solution based on the UpGate application. Using Framework Nette (one of the best programming frameworks in the world), which allows the application to develop unlimited in the future.

Ing. Jan Rataj

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

Technologies:

0400 - Information and communications technology

Branches:

51 - Wholesale trade and commission trade, except of motor vehicles and motorcycles

52 - Retail trade, except of motor vehicles and motorcycles, repair of personal and household goods

72 - Computer and related activities

## **Future building systems**

Reg.nr.: 28647769

Future building systems s.r.o. carries out designs and especially the realization of so-called intelligent electrical installations for family houses and commercial buildings. The current trend of modern buildings is economical operation and excellent operator comfort. Proper use of building materials can ensure good passive thermal insulation. In addition, smart wiring can bring additional energy savings by properly coordinating heating, shielding and lighting. The lights turn off when you leave, the unnecessary appliances are switched off, the temperature on the thermostats is lowered to an economical level and, for example, the blinds are automatically set to a position that protects the interior from sun rays or vice versa for natural heating. In addition, you can monitor the status of your home on PC or mobile devices from work or vacation. This and many other nice and useful features will ensure smart installation. We are able to deliver the system on a turnkey basis, including electronic security, fire alarm, data and television distribution systems and a camera system.

Petr Macura

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

Technologies:

9900 - Other

Branches:

45 - Construction

## **INCENTAGE s.r.o.**

Reg.nr.: 04746864

INCENTAGE is a leading provider of financial messaging solutions. The main customers are mainly the bank, stock exchanges and insurance companies around the world. The headquarters are in Switzerland, where the team consists of ETH Zurich graduates and experienced developers.

Martin Ullmann

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Technologies:

9900 - Other

Branches:

93 - Other service activities

## **Inesta Alta, s.r.o.**

Reg.nr.: 27779751

Inesta Alta s.r.o. was established in autumn 2006 with the intention to enter the start-up market for the construction of low-energy and passive buildings, which were only in their early stages in the Czech Republic and where, as in neighboring Austria and Germany, . This interest escalated in the

spring of 2009, when the program of the Ministry of the Environment Green Savings was launched.

The company later expanded its field of activity and is currently also carrying out routine construction, reconstruction of existing houses with respect to energy savings and other partial or integral construction work. The main program of the company are also assembly of ventilation systems and heat recovery units. The company is profiled as a smaller compact construction and assembly company and can thus flexibly respond to customer requirements while operating at favorable prices.

The current headquarters of the company is located in the building of the Business Incubator of the Technical University of Ostrava. The building is a member of the Society of Science and Technology Parks of the Czech Republic and enables the company to exploit the potential of the university and associated highly professional services within PI VŠB-TUO in the field of marketing, management, commercialization or technology. In this way, the company is constantly striving to be at the forefront of the industry and respond to the latest customer needs.

Ing. Jaromír Štáb

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WWW: <http://www.nizkoenergetickydum.cz/o-nas>

Technologies:

9900 - Other

Branches:

93 - Other service activities

### **PLACEMENT.cz s.r.o.**

Reg.nr.: 06160956

Since 2010, we specialize purely in PPC advertising - in AdWords, Sklik, Facebook. We have years of experience in agencies and freelancers. We manage PPC campaigns with millions of monthly budgets, but we also help medium-sized advertisers and e-shop operators.

Lukáš Král

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E-mail: [lukas.kral@placement.cz](mailto:lukas.kral@placement.cz)

WWW: <https://placement.cz/>

Technologies:

9900 - Other

Branches:

93 - Other service activities

### **Profiq s.r.o.**

Reg.nr.: 24660761

Our mission is to bring software innovations into everyday life. We believe that software should primarily serve people and make everyday life more enjoyable and not complicate. We work with innovative ideas and want to turn them into great products for real use. Software engineers usually

think about how to produce technically perfect products. We are trying to go a step further. We want to develop real-life products in the hands of real users.

Profiq is a provider of software development, testing and maintenance services focused on quality and open-source. profiq was established as an independent software testing company to deliver world-class independent software testing and quality assurance services. Over time, the company's portfolio of services expanded to include software development and maintenance services, further enhancing profiq's focus on quality. profiq is an international company providing its services primarily from the Czech Republic to customers in Silicon Valley.

Rastislav Kanócz

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

Technologies:

0400 - Information and communications technology

Branches:

93 - Other service activities

### **SCOVECO, s.r.o.**

Reg.nr.: 29383757

SCOVECO, s.r.o. is an experienced dynamic company. It was founded in 2011 as a company that aims to promote simple and innovative solutions to simple and complex problems using modern IT technologies. The company intends to build, promote and deploy IT solutions that truly make life easier for businesses and people.

SCOVECO offers the following services:

Custom software development

Set up and improve business processes

Certification according to SPICE and aSPICE

IT consulting and training

Jakub Štolfa

E-mail: [info@scoveco.cz](mailto:info@scoveco.cz)

WWW: <http://www.scoveco.cz/index.php/cz/>

Technologies:

0400 - Information and communications technology

Branches:

93 - Other service activities

### **SEW-EURODRIVE CZ s.r.o.**

Reg.nr.: 25120581

Development and production of automated drives

David Kenkuš

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E-mail: [david.kenkus@sew-eurodrive.cz](mailto:david.kenkus@sew-eurodrive.cz)

WWW: <http://www.sew-eurodrive.cz/>

Technologies:

1405 - Transport and logistics systems, drive technology (other)

Branches:

29 - Manufacture of machinery and equipment n.e.c.

### **Software Development Europe, s.r.o.**

Reg.nr.: 25309978

SDE - Software Solutions is a successful Czech company that in an innovative way, co-sourcing, addresses the lack of IT professionals in the US. Since its foundation in 1995, the company has been built on the talents and creativity of Czech students and graduates of IT universities and their involvement in long-term international projects of established American companies (eg Oracle, Sensus or Schneider Electric).

Involved among others in:

- Health online
- wireless water readings
- agricultural planning
- Powerful motor control
- SW for ATMs

It uses advanced technologies based on Java, C #, C / C ++, JavaScript, or Ruby and modern software development procedures in the form of agile methodologies and scrum.

David Vach

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

Technologies:

0400 - Information and communications technology

Branches:

93 - Other service activities

### **TEPELNÁ ČERPADLA MORAVA**

Reg.nr.: 29463831

Company TEPELNÁ ČERPADLA MORAVA s.r.o. deals with the design and installation of heat pumps air-water, ground-water and water-water. We always offer the right solution for your situation, regardless of the heat pump manufacturer, but always with a high-quality heat pump (up to 10 years warranty).

We also deal with the design and installation of floor heating

Ing. Ondřej Bártek

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WWW: <http://www.tc-morava.cz/#gkBottom5>

Technologies:

9900 - Other

Branches:

93 - Other service activities

### **Uniwise s. r. o.**

Reg.nr.: 28658965

The mission of the innovative company is to contribute to the growth of quality and efficiency of management in organizations. To this end, Uniwise provides a solution for planning and supporting management to achieve goals in medium and large enterprises. The implementation of the projects enables the use of consulting and technological know-how created during the previous activities of the IT expert group operating in the Ostrava region.

The core business is providing solutions for planning and supporting management to achieve goals. The implemented projects have the following parts:

- analytical for analyzing planning and management processes in a company,
- consultancy on the design of planning procedures, delegation of powers and objectives, methods of measuring and evaluating the results achieved,
- technological for the implementation of information technologies supporting the proposed process.

Martin Dybal

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WWW: <http://uniwise.cz/>

Technologies:

0400 - Information and communications technology

Branches:

93 - Other service activities

### **WAPS Technologies s.r.o.**

Reg.nr.: 06187242

WAPS Technologies s.r.o. was created in 2017 after long experience in programming and internet security. In recent years we have investigated algorithms of artificial intelligence and their implementation into common applications.

Our intention is to integrate artificial intelligence algorithms more into the commercial sphere. Whether in production, planning or administration.

We work with companies from all over Europe to create software that automates different business processes as much as possible.

Miloslav Szczyпка

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Technologies:  
9900 - Other

Branches:  
93 - Other service activities

Subject:  
**SEDETEC - Secretaria de Desenvolvimento Tecnológico da UFRGS Universidade Federal do Rio Grande do Sul**

Country:  
Brazil

Type of cooperation:  
other

Description: On the basis of a concluded Memorandum of Understanding (2019) will be in mutual cooperation promote interest in the teaching and research activities of the respective institutions, will be seek opportunities for join rearch projects, organize conferences and courses and will be promote interest in the activities of the technology transfer and innovation support.

Contact web:  
<https://www.ufrgs.br/sedetec/>

Contact e-mail:  
[ribeiro@producao.ufrgs.br](mailto:ribeiro@producao.ufrgs.br)

Subject:  
**Vilnius Gediminas Technical University**

Country:  
Lithuania

Type of cooperation:  
other

Description: On the basis of a concluded Memorandum of Understanding (2019) will be in mutual cooperation promote interest in the teaching and research activities of the respective institutions, will be seek opportunities for join rearch projects, organize conferences and courses and will be promote interest in the activities of the technology transfer and innovation support.

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