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# SLOVAK Business Delegation

Zurich, Switzerland

## List of Slovak Companies 1/6

### INSTITUTIONS



#### Slovak Academy of Sciences

SAS is the **leading scientific institution of the Slovak Republic**. It implements excellent fundamental and applied research in a wide range of disciplines. It fulfills many irreplaceable societal tasks. An important task of SAS is the education of the young scientific generation

[www.sav.sk](http://www.sav.sk)



#### Slovak Investment and Trade Development Agency

Investment and trade development agency established under the Ministry of Economy of the Slovak Republic. Responsible body for incoming investments and support of international trade.

[www.sario.sk](http://www.sario.sk)



#### Slovak Innovation and Energy Agency

We raise awareness about energy efficiency, renewable energy sources and innovations in all fields of economy and provide expert consulting in those areas. We represent the Slovak Republic in international projects and institutions.

<https://www.siea.sk/>



#### Swiss-Slovak Chamber of Commerce

Facilitating economic contacts between Slovakia and Switzerland, cooperation with Embassy of Switzerland in Slovakia, cooperation with S-GE and SEC (Chamber of Commerce Switzerland Central Europe). HSSR is providing information and organizing events for members.

[www.hssr.sk](http://www.hssr.sk)

### UNIVERSITIES



TECHNICKÁ UNIVERZITA  
V KOŠICIACH

#### Technical University of Košice & Promatech

Technical University in Košice - a founding member of the Slovak Battery Alliance, member of Slovak National Hydrogen Association, member of the European Junior Water Management Programme and is a part of research consortia Center Promatech.

[www.tuke.sk](http://www.tuke.sk)

[www.promatech.sk](http://www.promatech.sk)



#### Faculty of Electrical Engineering and Information Technology STU in Bratislava

Faculty of Electrical Engineering and Information Technology of Slovak University of Technology in Bratislava offers internationally accepted university study, intensive research and development, cooperation with partners in Slovakia and abroad.

[www.fei.stuba.sk](http://www.fei.stuba.sk)

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## GREEN TECHNOLOGIES/WASTE MANAGEMENT

((SENSONEO))

### Sensoneo j.s.a.

Sensoneo is a global enterprise-grade **smart waste management solution provider** that enables cities and businesses to manage their waste cost-efficiently, be more environmentally responsible and improve the well-being of people.

[www.sensoneo.com](http://www.sensoneo.com)

### JRK Slovensko s.r.o.



JRK Slovensko is a long-term partner of Slovak local governments in the field of waste management, especially in solutions for biodegradable waste. The team includes experts who have extensive experience with the introduction of kitchen waste collection and the production of quality compost in a professional composting plant. The company has developed its own system of electronic waste registration, which will bring a realistic view of the state of waste, economic efficiency and the opportunity to fairly reward citizens. An integral part of the company's solutions is communication and education of citizens, in order to achieve maximum success in the implementation of new solutions for waste.

<https://www.meneiodpadu.sk/>

### Panara, a.s.



PANARA's essential aspect of innovative green business is strongly in line with the philosophy of a Circular Economy and covers the field of its core business (**production of bioplastics granulates, recycling**) as well as participation in other aspects of the final products life cycle ( collection, composting process, cooperation on the development of a new industrial composter, design and using closed chain -Closed Loop System of products ) .

[www.panara.eu](http://www.panara.eu)



### SAFTRA Photonics, s.r.o.

The company developed and patented "**PickMoITM nanotechnology**" **designed for selective and sensitive detection of organic molecules** (water, pharmaceutical, food industry, medicine). It currently operates in the EU and USA markets.

<https://www.saftra-photonics.org/>

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## ICT/ARTIFICIAL INTELIIGENCE



### ESET, spol. s r.o.

For over 30 years, ESET® has been developing industry-leading IT security software for businesses and consumers worldwide. ESET's high-performing products allow all to enjoy the full potential of technology.

[www.eset.com](http://www.eset.com)



### Tachyum s.r.o.

With development centers in Slovakia and the USA, Tachyum develops a **high-performance, universal processor chip for data processing, artificial intelligence (AI) and supercomputers (High Performance Computing - HPC).**

<https://www.tachyum.com/>



### 3IPK, a.s.

3IPK is a B2B **blockchain Software as a Service (SaaS)** platform providing digital solutions improving transparency and traceability in various industries (food, fashion, etc) as a technology enabler for the concepts of circular economy.

[www.3ipk.com](http://www.3ipk.com)

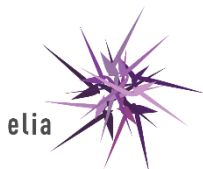


### IN solutions s.r.o.

In solutions Ltd is an R&D company focused on the development of **high-efficient information systems for businesses and running two successful spin-offs in aviation and aerospace:**

- an SW platform for aircraft operators ([my-air-seat.com](http://my-air-seat.com))
- the ground-satellite connection provider ([groundcom.space](http://groundcom.space))

[www.insolutions.io](http://www.insolutions.io)



### ELIA, s.r.o.

ELIA is dedicated to the development of customized **software solutions for clients** in various fields. Within 17 years, the company has won several awards and ISO 9001:2016 Certificate.

[www.elia.sk](http://www.elia.sk)

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### ENERGY



#### InoBat Energy j.s.a.

The goal of InoBat Energy is to develop and **produce stationary battery storage systems for storing and management of electricity**. Solutions of InoBat Energy focus on industrial sized clients, distribution networks or other large facilities with high fluctuating and high energy consumption. Their aim is to improve energy utilization and to maximize inclusion of renewable energy resources into the energy mix of its clients.

#### InoBat j.s.a

InoBat Auto specialises in the pioneering research, development, manufacture, and provision of premium innovative electric batteries custom-designed to meet the specific requirements of global mainstream and specialist OEMs within the automotive, commercial vehicle, motorsport, and aerospace sectors.

<https://inobatauto.eu/>



#### Voltia Automotive s. r. o.

The Voltia is European e-mobility specialist launched in 2015. It supports original equipment manufacturers by broadening the usability of their mass-market electric light commercial vehicle (LCV) models.

[www.voltia.com](http://www.voltia.com)



#### Powerex j. s. a.

S Powerex is a Slovak green-tech company aiming to revolutionize the operation of the **electricity grid**. It will act on its customers' behalf as an energy aggregator and smart trader. Powerex provides efficient energy management system which is capable to aggregate energy sources into a virtual power plant platform. The Powerex platform, powered by intelligent optimization algorithms, deep learning and AI, brings higher stability and resiliency to the electricity grid and significantly reduces end-users' net spend on electricity and net income of power producers. This is due to increased flexibility utilization of electricity consumers and producers. In addition, flexibility gained in this way is mostly carbon free which contributes to decarbonization of the energy sector. Powerex currently operates portfolio with size of 8 MW.

[www.powerex.io](http://www.powerex.io)



#### SPP CNG s.r.o.

The main activity is the sale of alternative fuel CNG. In 2022/23, we include LNG, hydrogen and biomethane in our portfolio of activities. The company's goal is to bring ecological and sustainable solutions in transport.

[www.sppcng.sk](http://www.sppcng.sk)



#### Slovak gas and oil association

Slovak Gas and Oil Association is a representative of renowned companies operating in the Slovak Republic and in the field of gas engaged in the industrial and municipal use of natural gas and oil in Slovakia, as well as research, concept, design, construction, and operation of equipment for:

- gas extraction and treatment
- underground storage
- purchase and sale of gas
- gas transit
- gas distribution

[www.spnz.sk](http://www.spnz.sk)

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## INNOVATIONS/TECHNOLOGY

### SPINEA, s.r.o.

SPINEA, s.r.o. is a modern Slovak engineering company engaged in the development, production and sale of **high-precision reduction gears**, sold under the TwinSpin® trademark, and high-precision actuators DriveSpin®. SPINEA® is currently the only originally European manufacturer of high-precision reduction gears and actuators and competes globally in this segment with three Japanese companies. The company was founded in 1994 and was inspired by the invention of the Slovak designer Ing. Bartolomej Janek, CSc., the transformation of the planetary motion of the reducer wheels into the rotary motion of the flanges. The start of mass production of internationally patented high-precision gearboxes began in 1999.

SPINEA® enjoys the membership of international robotics associations, such as the International Federation of Robotics, EU Robotics as well as the German Engineering Federation - VDMA.

[www.spinea.com](http://www.spinea.com)

### SPINEA Technologies s.r.o.

SPINEA Technologies operates as a full-service provider in customer development and production of **high-precision mechatronic positioning units and nodes**. Provides services in the development phase of products, including: design concepts, 3D version of the product design documentation, prototype testing, simulation, analysis, and optimization of the product design, production, testing, and modification of the prototypes, final construction documentation.

[www.spinea-technologies.com](http://www.spinea-technologies.com)

### Ecocapsule s.r.o.

Company manufactures off-grid, mobile micro dwelling unit.

[www.ecocapsule.sk](http://www.ecocapsule.sk)

### Revol TT Consulting s.r.o.

RTC is middle size technology company with around 90 employees based in Trnava with 3 main division = **Technology Applications Development, Precise Production and Scientific Division**. At Scientific division we work with top research institutions all around the world as ITER, F4E, CERN, GSI, ESS, JINR, Argonne, ASG, Berkeley University, CEA,... Scope from our work is mostly Research, Special Production, Engineering, Special project management.

[www.rtc.tech](http://www.rtc.tech)

### Foss Fibre Optics, s.r.o.

FOSS Fibre Optics is a company with long-term experience in **manufacturing and developing fibre optic cabling** for various applications, including OnBoard Optics, harsh environment/military grade assemblies.

[www.fossfibreoptics.com](http://www.fossfibreoptics.com)



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### Research Institute for Man-Made Fibers a.s.

Company is active in the **research of PP, PA, PET, biodegradable and other chemical fibres, their applications, production of colour and additive masterbatches for mass-dyeing of fibres**, films and plastics, development and engineering of equipment and machinery for chemical and related industries. Testing and certification services are offered in state accredited laboratories according to ISO/IEC 17025:2005. Company acts as a EU Notified Body no. 1634 in the area of textile toys.

[www.vuchv.sk](http://www.vuchv.sk)

### KELEX s.r.o.

Company KELEX s.r.o. (LTD) is an ISO certified company active in two industrial sectors:

1. Design and production of low voltage electrical switch boards for various industry sectors as energetics, renewable resources, machinery industry, technological equipment production, production of transport equipment, marine, or civil engineering.
2. Production of HVAC units for track vehicles.

Export share over 90%, main customers: Stadler Rheintal, Knorr Bremse, Engie Axima, Cern etc.

[www.kelex.sk](http://www.kelex.sk)



## HEALTHCARE

### Biomedical Engineering, s.r.o.

The company was one of the first in the world to introduce the use of **3D printing for custom-made medical implant purposes**. Using a personalized approach has moved the level of Slovak implantology healthcare provided to the level of the top countries in Europe and the world. Currently, Biomedical Engineering, s.r.o., in collaboration with FME, TUKE is developing a new generation of innovative materials and implants for regenerative medicine with the promise of their early clinical adaptation and use in manufacturing hospitals around the world.

[www.biomedicalengineering.sk](http://www.biomedicalengineering.sk)





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**NOTES**