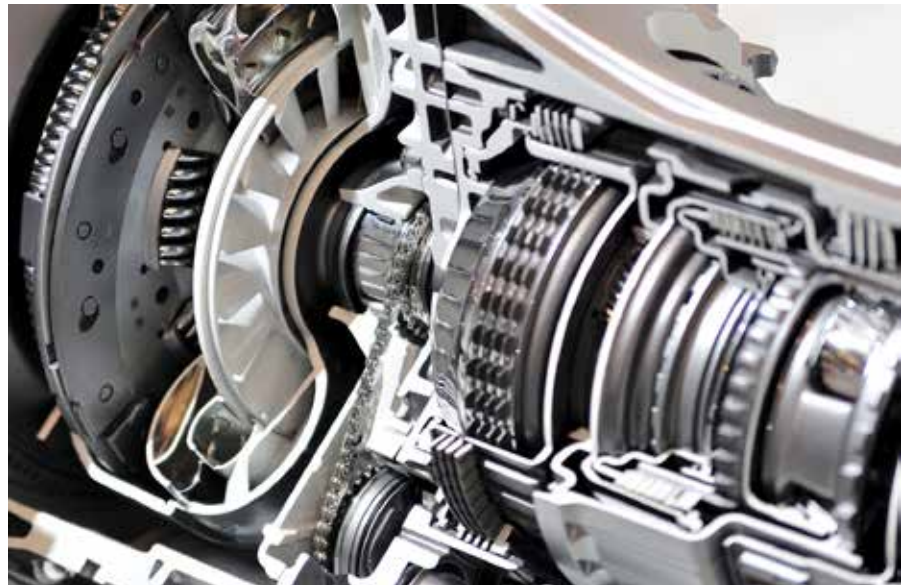


# Machinery & Equipment Industry in **SLOVAKIA**

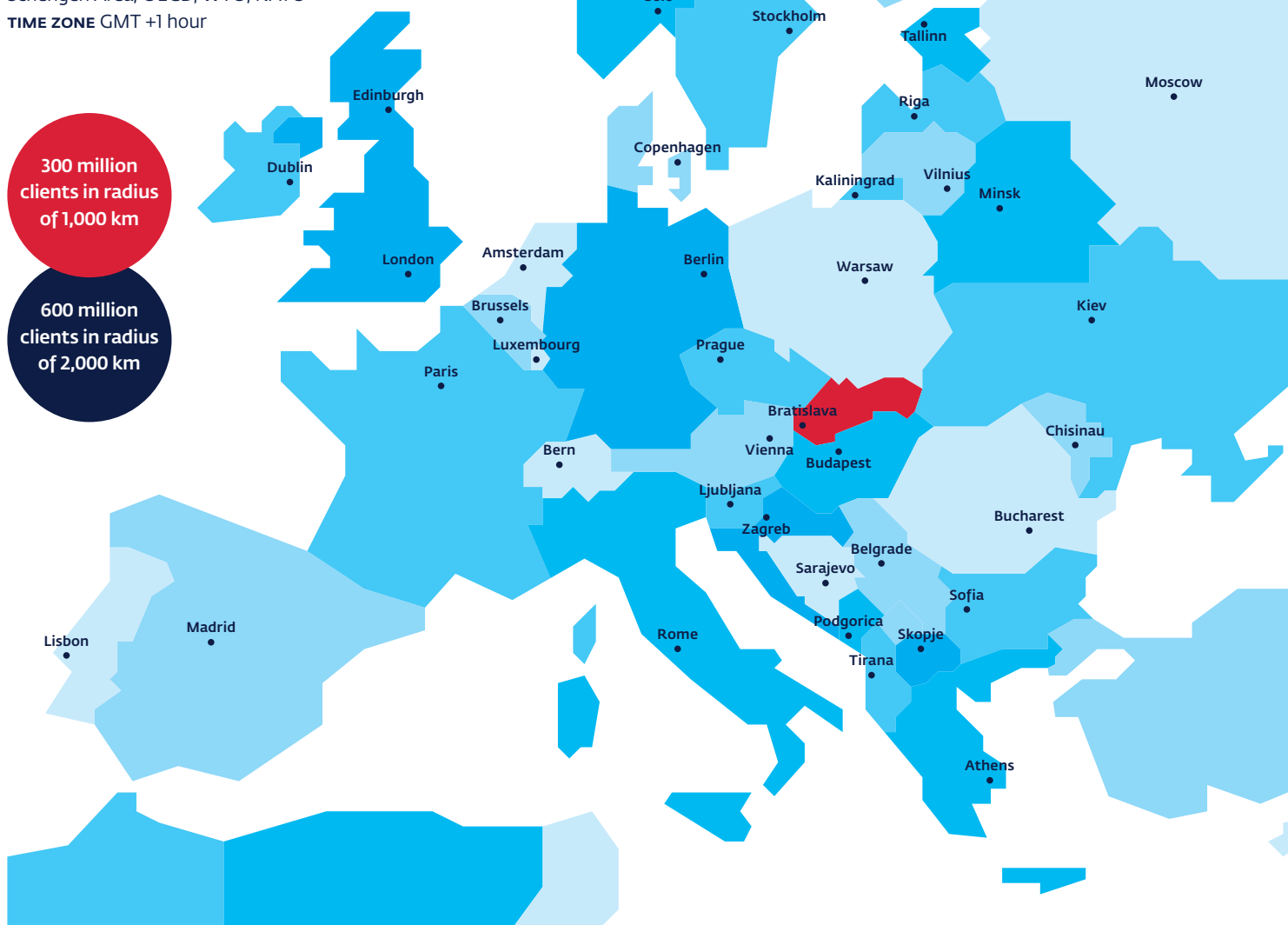


# Machinery & Equipment Industry in Slovakia

This publication is designed as an introduction to the Machinery & Equipment Industry (MEI) in Slovakia — an engine of the Slovak industrial production. Given its strong overlap, the sector covers mechanical engineering, defence industry, aerospace industry, production of special vehicles and partially covers the automotive industry as well.



**TOTAL AREA** 49,035 km<sup>2</sup>  
**POPULATION** 5.4 million  
**CAPITAL CITY** Bratislava  
**MEMBER OF** European Union, Eurozone, Schengen Area, OECD, WTO, NATO  
**TIME ZONE** GMT +1 hour



# The Machinery & Equipment Industry in Slovakia — Key Facts

The sector of MEI in Slovakia represents one of the key pillars of the Slovak economy. It has a strong historical background and maintains its stable position in the Slovak industry. It is a sector of crucial importance, not only because of its contribution to the GDP and foreign trade balance, but also for its potential to create jobs and boost the overall employment.

39%

Share of jobs on total employment in Industry. Total employment in the sector exceeds 164 thousand jobs

920+

Companies active in the MEI

42 BN €

Gross output generated by the MEI

49%

Share of the MEI on the country's industrial production

1.3 BN €

Total profit generated by the MEI

6.4 BN €

Added value in the MEI



## Top 10 Reasons to Invest in Slovakia

1

Strategic location in Europe with great export potential

2

Political & economic stability

3

Euro currency as one of a few in the CEE

4

CEE leader in labour productivity

5

Cost-effective, skilled and educated labour force

6

Excellent multilingual skills

7

One of the most open economies in the world

8

Great potential for R&D and innovation

9

Developed & steadily growing infrastructure network

10

Attractive investment incentives

Source: Statistical Office of the Slovak Republic, Yearbook of Industry of the SR 2020  
\*includes companies with over 20 employees



# Origin Story of the Machinery & Equipment Industry in Slovakia

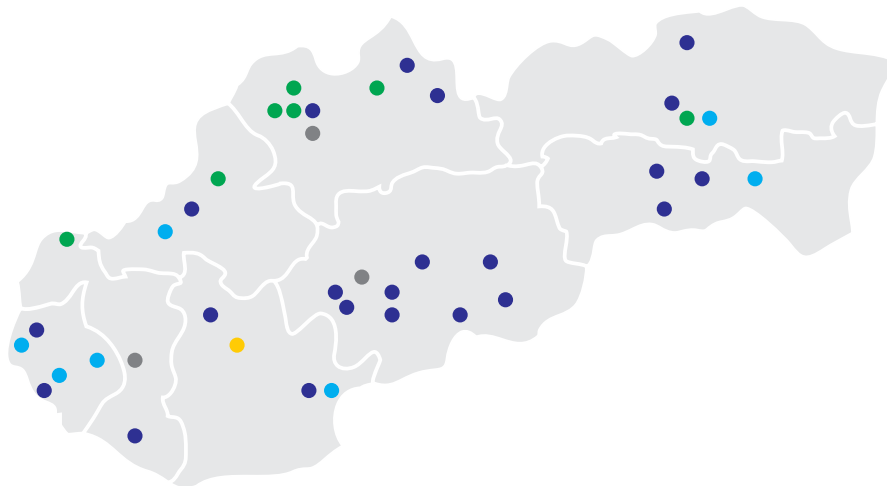
Slovakia has a long tradition in the MEI. Through the years, especially the 90s, the core activities transformed and adapted to the changing market and economy. The traditional engineering products created a strong skill-driven environment and still yet an important share on the entire Slovak manufacturing sector.



Before the year 1989, heavy and specialized engineering belonged to the key sectors of Slovak economy. Thanks to the successful transition into the market-oriented economy, massive development of the automotive industry and entry of strategic foreign investors, the sector has transformed into a modern and internationally recognized segment.

## EXAMPLES OF HOLDINGS FROM THE PAST

Industrial companies established before 1989 represented significant holdings, carrying out their own R&D and employing thousands of people throughout various locations in Slovakia. After 1989, many plants were closed or heavily downsized. However, the infrastructure of vocational schools and overall manufacturing heritage these companies developed, still have significant impact on the industrial landscape of the region.

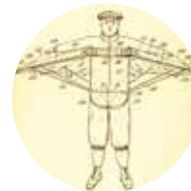


## NETWORK OF COMPANIES AT THE PEAK OF THEIR EXISTENCE

- ZTS (Závody ťažkého strojárstva) — military equipment (since 1937)
- ZVL (Závody valivých ložísk) — bearings (since 1968)
- Strojstav — construction machinery (since 1951)
- ŽOS (Železničné opravovne a strojárne) — reparation of motor locomotives (since 1952)

## Famous Inventions Made in Slovakia

Slovak scientists stand behind number of great inventions



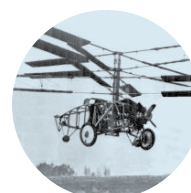
**Parachute**  
Štefan Banič



**Water Pump Machine used in Mining**  
Jozef Karol Hell



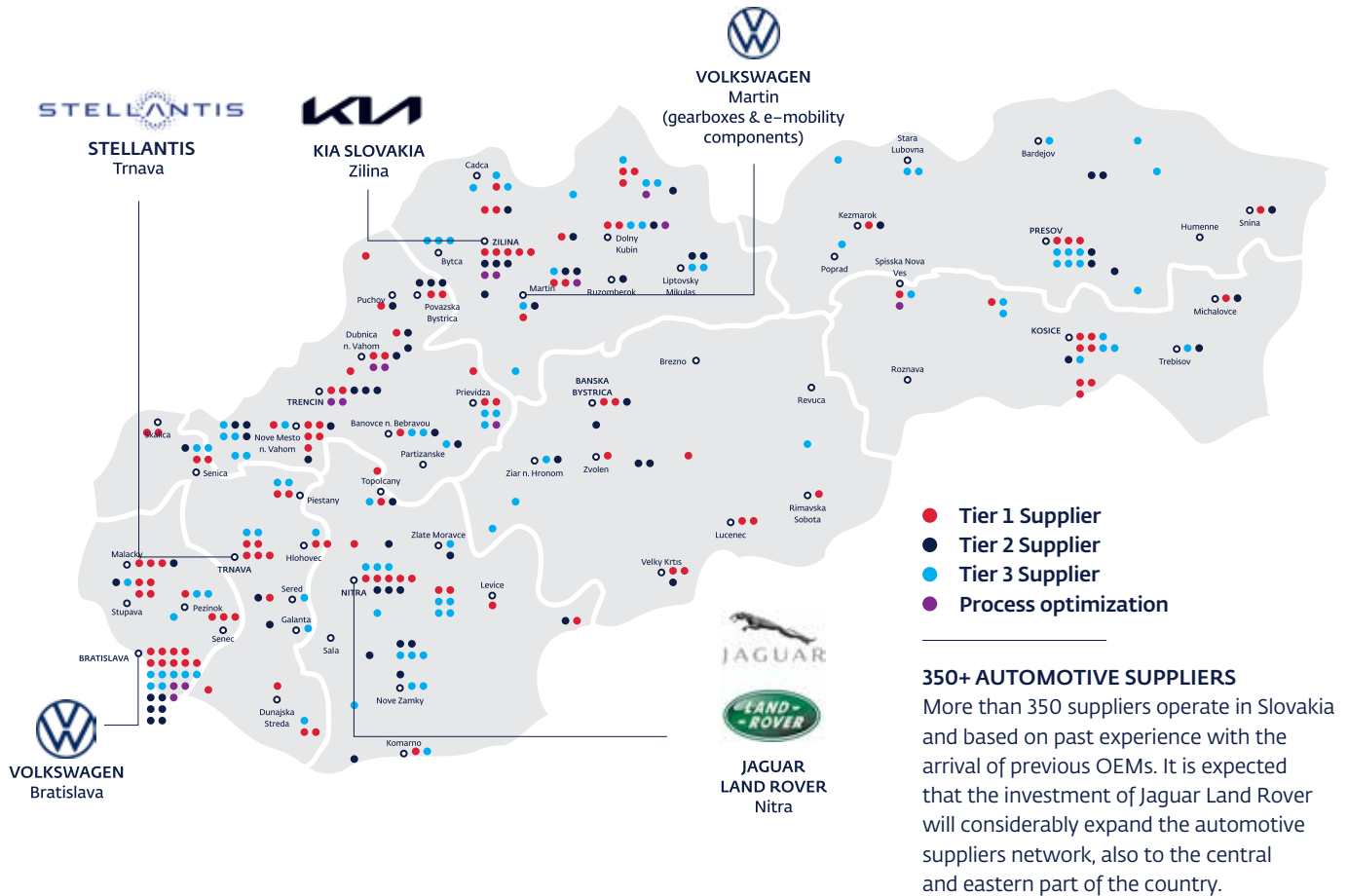
**Steam & Gas Turbine**  
Aurel Stodola



**Helicopter**  
Ján Bahýľ

# Automotive Industry — The Strongest Branch of the MEI

The MEI in Slovakia is closely linked to the automotive industry, which is the highest accelerator of investments in Slovakia. Increasing volume of investments into the automotive industry provides significant opportunities for manufacturers in the MEI.



## EXAMPLES OF AUTOMOTIVE ENGINEERING COMPONENTS & MAJOR MANUFACTURERS



**Engines & Engine Parts**  
 Mobis, Pankl, Miba Sinter, Nemak, Magna PT



**Door Systems & Modules**  
 Brose, PHA Slovakia, Plastic Omnium, Lear U-Shin, Faurecia



**Air-conditioning**  
 Hanon Systems, Mahle Behr, Nissens, Daejung



**Bearings**  
 Schaeffler, Omnia KLF, KINEX, ZVL Auto, Thyssenkrupp, MinebeaMitsumi



**Brake Systems**  
 Continental, Akebono, FTE Automotive, TI-Hanil, Mobis

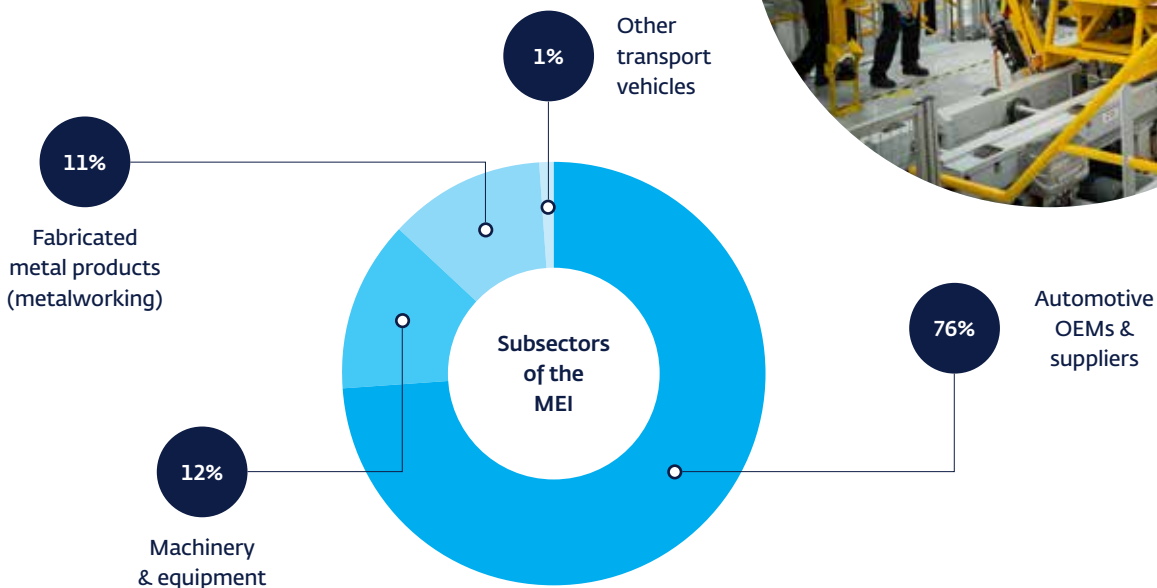


**Body & Body Stampings**  
 ArcelorMittal Convarri SSC, Benteler, Farguell, Matador, Gestamp

Source: SARIO, Online Matchmaking Fair For Automotive Slovakia (OKBA, 2021), FinStat (2021)

# Different Subsectors of MEI

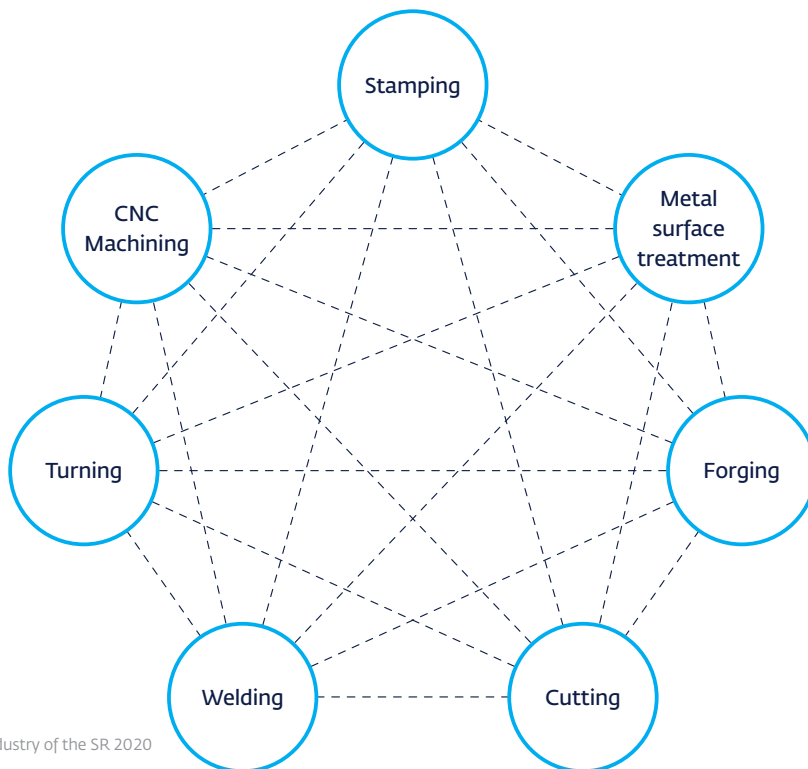
The MEI in Slovakia is not only connected to the automotive industry. There is also a variety of other industrial segments in demand of production capacities.



## Metalworking Industry

Along with dynamic car production, metalworking is on the rise as well — representing one of the most significant economic sectors. In Slovakia, companies are active in a wide range of metalworking activities, usually performing combination of various processes.

- 517 Companies active in metalworking industry\*
- 37,367 Estimate of all workers employed in metalworking industry\*
- 5.1% Share of the metalworking industry on the country's industrial production



Source: Statistical Office of the Slovak Republic, Yearbook of Industry of the SR 2020  
 Note: Examples of the most common metalworking operations.  
 \*companies over 20 employees

# Examples of Products Manufactured in Different Subsectors of the MEI in Slovakia



## DEFENSE SYSTEMS

Way Industries, MSM Group,  
Konštrukta Defence, Vývoj Martin,  
ZŤS Špeciál, Kerametal



## AEROPLANES

Aerospool,  
Aeropro, Tomark Aero,  
Shark.Aero, Joker Trike



## BUSES

Pulsar Expo, Trolíga Bus,  
Rošero



## HYDRAULIC SYSTEMS & COMPRESSORS

Embraco, Danfoss  
Power Solutions, Secop



## FOOD PROCESSING MACHINES

TOMRA Sorting, IMC, Marel,  
Rademaker, PSS Svidník, Milking



## METAL FORMING MACHINERY

MicroStep, Trens, LVD S3, Kabelschlepp —  
Systemtechnik, HF NajUS, Haco,  
Lutz Precision



## PRODUCTION LINES EQUIPMENT

Manz, Porsche Werkzeugbau, Jus, Process  
Automation Solutions, MAKS-D, MTS,  
KUKA, Konštrukta Tire Tech



## GEARBOXES

Bauer Gear Motor, Spinea,  
Hriňovské strojárne,  
ZTS Sabinov



## RAIL WAGONS

Tatravagónka,  
ŽOS Trnava, ŽOS Vrútky,  
Loko Trans

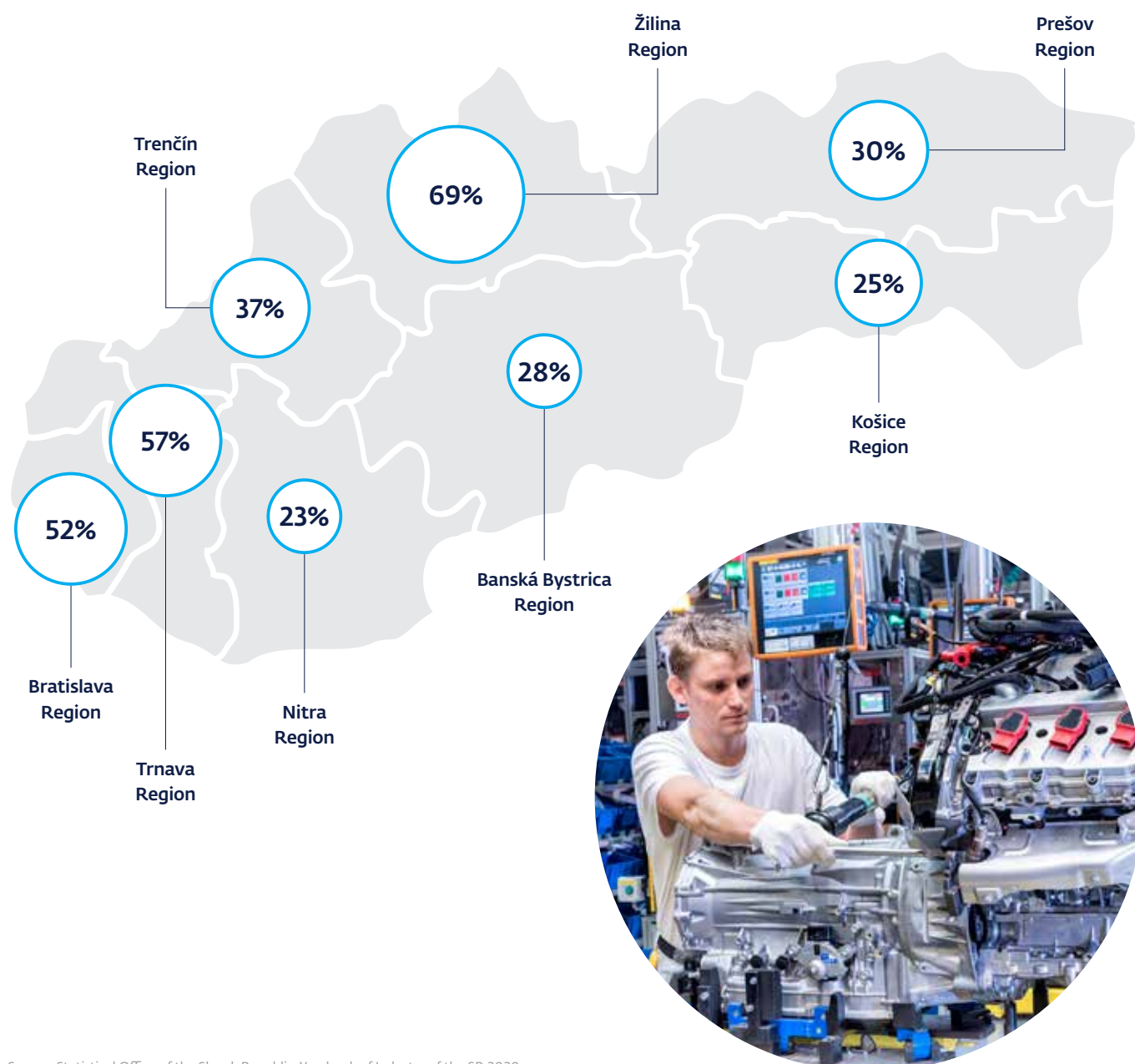
Source: Finstat, 2020



# Regional Distribution of the MEI

The MEI companies are located across Slovakia. Some regions have a historically strong tradition in this sector, due to the former presence of large engineering holdings. The automotive industry, as the strongest branch of the sector, is mostly concentrated in the regions of Western Slovakia.

## Regional share of the MEI in Industrial Gross Output



Source: Statistical Office of the Slovak Republic, Yearbook of Industry of the SR 2020



## THE LARGEST COMPANIES IN THE MEI (EXL. AUTOMOTIVE OEMs)

COMPANY NAME	COUNTRY OF ORIGIN	LOCATION	REVENUES	NUMBER OF EMPLOYEES	CORE BUSINESS
Mobis Slovakia	South Korea	Gbefany	1,226,147,000	2,035	axle & control panel production, brake systems
SAS Automotive	Germany	Bratislava	835,589,768	558	assembly of control panels
Faurecia Automotive Slovakia	France	Bratislava	834,663,000	2,616	interior systems & emission control technology
Schaeffler Kysuce	Germany	Kysucké Nové Mesto	509,153,000	4,425	bearings
Vaillant Industrial Slovakia	Germany	Skalica	459,322,631	909	powertrain modules & chassis components
ZF Slovakia	Germany	Trnava	446,545,000	3,296	powertrain modules & chassis components
Tatragavónka	Slovakia	Poprad	418,980,237	2,172	rail freight wagons & chassis
Hanon Systems Slovakia	South Korea	Ilava	391,235,000	847	air conditioning
Schaeffler Skalica	Germany	Skalica	389,694,000	4,159	bearings
YURA Corporation Slovakia	South Korea	Lednické Rovne	346,472,003	1,572	interior systems
Protherm Production	Germany	Skalica	329,714,802	674	brakes and brake callipers
Lear Corporation Seating Slovakia	USA	Prešov	311,459,153	1,659	dashboards & engine components
Adient Slovakia	USA	Bratislava	299,700,000	2420	rail freight wagons & chassis
Plastic Omnium Auto Exteriors	France	Lozorno	278,626,000	1,232	metal body parts
Continental Automotive Systems Slovakia	Germany	Zvolen	259,345,000	1,121	hermetic compressors & condensing units
Embraco Slovakia	Japan (Brazil)	Spišská Nová Ves	217,685,000	2,132	plastic bumpers
Brose Prievidza	Germany	Prievidza	210,521,758	1,111	roof windows
Sungwoo Hitech Slovakia	South Korea	Žilina	196,564,853	427	chassis & roof systems
HBPO Slovakia	Germany	Lozorno	194,709,201	209	door systems & modules
Schindler Dunajská Streda	Switzerland	Kostolné Kračany	181,004,251	415	various types of machinery
Marelli Kechnec Slovakia	Italy	Kechnec	174,749,000	588	seating systems
Matador Automotive Vráble	Portugal (Slovakia)	Vráble	172,130,000	1,334	steel coil & sheets
Yanfeng International Automotive Technology Slovakia*	USA	Bratislava	171,174,812	1,285	plastic components
Magna PT	Canada (Germany)	Kechnec	164,300,241	719	brake modules
Tomra Sorting	Norway	Senec	155,228,514	270	door lockers
Golde Lozorno	USA	Lozorno	145,118,097	751	sorting systems
Hyundai Steel Slovakia	South Korea	Gbefany	136,856,225	62	Interior systems
Secop	Japan	Zlaté Moravce	134,363,000	783	exhaust systems
BOGE Elastmetall Slovakia	Germany	Trnava	125,374,976	789	rubber & pastics components
Hyundai Transsys Slovakia	South Korea	Žilina	125,192,655	305	seating systems

\*Note: Data from 2019

Source: Finstat, Financial assessment of listed companies for 2020

# Qualified, Productive & Cost-Effective Labour Force

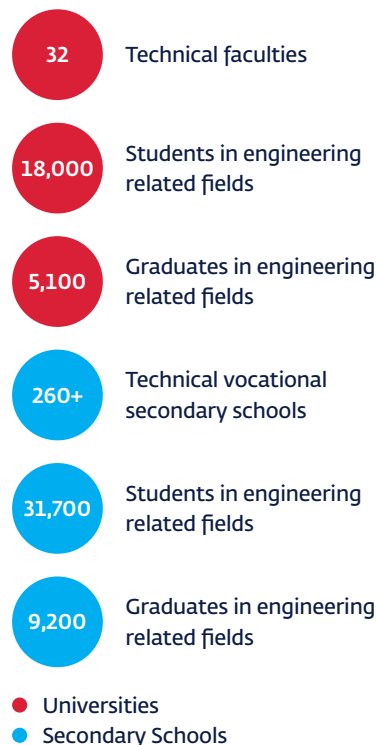
For investors active in the sector, availability of a skilled workforce is a key factor for successful site selection. Slovak labor force combines an outstanding level of productivity and qualification, while still remaining cost-competitive on regional as well as European levels.

More than  
1,000 companies &  
8,400 students joined  
the dual education  
in 2020

## DUAL EDUCATION

The Slovak Government fully implemented the new dual education framework facilitating shared theoretical education in schools and practical training in companies. The companies joining the new scheme have the advantage of not only benefiting from a prepared and qualified labor force, but also from the possibility to utilize related incentives.

## Education in Slovakia



## AVERAGE GROSS MONTHLY SALARY IN THE MEI (SELECTED POSITIONS/EUR)\*

POSITION		BRATISLAVA	TRNAVA	NITRA	TRENČÍN	ŽILINA	BANSKÁ BYSTRICA	KOŠICE	PREŠOV
Production Operative	Min.	900	900	1,200	850	850	1,200	850	800
	Max.	1,100	1,100	1,200	1,100	1,100	1,200	1,200	1,100
Welder	Min.	1,100	1,000	1,200	1,000	1,000	1,200	1,050	1,000
	Max.	1,600	1,500	1,600	1,400	1,400	1,600	1,500	1,400
CNC Operative	Min.	1,200	900	1,200	900	900	1,200	1,000	950
	Max.	1,800	1,400	1,600	1,300	1,300	1,600	1,200	1,100
Quality Technician	Min.	1,200	1,000	1,300	1,100	1,000	1,300	1,100	1,000
	Max.	1,600	1,400	1,500	1,500	1,400	1,500	1,300	1,200
Toolmaker	Min.	1,300	1,200	1,600	1,200	1,200	1,600	1,100	1,000
	Max.	1,700	1,600	1,800	1,600	1,600	1,800	1,350	1,300
Mechanical Design Engineer	Min.	1,600	1,400	1,600	1,100	1,100	1,600	1,300	1,200
	Max.	2,200	2,000	2,000	1,700	1,700	2,000	1,700	1,500
Production Manager	Min.	3,300	2,700	3,000	2,300	2,300	3,000	2,600	2,400
	Max.	4,500	4,000	4,000	3,600	3,600	4,000	3,700	3,500

\*The employer's compulsory contribution to social and health insurance is not included and represents 35.2% of employee's gross salary.

Source: Slovak Centre Of Scientific and Technical Information for the Academic Year 2020/2021, National Union of Employers, 2020, Grafton Recruitment, 2021

# Growing R&D & Innovation Network

Suitable conditions for establishing R&D in terms of highly qualified workforce at affordable costs, presence of technology clusters and established cooperation between companies and domestic universities, motivate companies to establish their R&D divisions in Slovakia.

## EXAMPLES OF SLOVAK R&D SUCCESS STORIES



**SPINEA**  
Development of high precision reduction gears



**MICROSTEP**  
Development of CNC cutting machines



**CEIT**  
Innovative solutions for industrial companies



**PRVÁ ZVÁRAČSKÁ**  
Development of welding technologies

## EXAMPLES OF R&D SUCCESS STORIES OF FOREIGN COMPANIES IN SLOVAKIA



**EMBRACO**  
Development of compressors



**KUKA**  
Development of robotized production lines

## EXAMPLES OF R&D SUCCESS STORIES OF SLOVAK UNIVERSITIES



**SHELL ECO-MARATHON VEHICLE**  
In 2019 the vehicle fully developed by the students from the Technical University of Košice managed to drive 825 km using only 1 litre of fuel



**THE NATIONAL ROBOTICS CENTER**  
Center focused on research, support and development of robotics

## R&D Infrastructure Related to the MEI

35 Centers of excellence

9 Science parks and research centers

3 Centers of competence

### RIS3 – NATIONAL R&D SPECIALIZATION STRATEGY

RIS3 is national R&D strategy focused on innovation support through cooperation between companies and research institutions. This strategy defines **material research and nanotechnology** as one of the priorities linked to R&D funding.

30% of all material research outputs in the international scientific journals originates in Slovakia

## Slovak Academy of Science



### INSTITUTE OF MATERIALS & MACHINE MECHANICS

Applied research institute within the Slovak Academy of Sciences.

Source: Slovak Organization for Research & Development Activities, 2013, Yearbook of Science & Technology in the Slovak Republic 2014, Research & Innovation Strategy for Smart Specialization of the Slovak Republic, 2013

# Defence Industry in Slovakia

The Military and Defence industry played a crucial role in the Slovak industry especially in the second half of the 20<sup>th</sup> century. Due to the political and economic changes in early 90s the Slovak economy faced a major challenge. However, the reforms in late 90s led to the successful economic transformation of the Slovak industry in favour of the modern automotive industry. Following section of this publication is dedicated to the modern, organically growing and innovative defence industry in Slovakia.



## Defence Industry Subsectors



Special Vehicles



Weaponry



Advanced Electronics



Defence IT Solutions

## Defence Industry Brief Figures

385

mil. EUR sales revenue

131

mil. EUR generated added value

4,140

employees in the sector

SARIO calculation compiled from data of TOP 41 best performing companies in the sector by revenue. Source: Finstat, the latest data available for 2020

## TOP 20 COMPANIES OPERATING IN THE DEFENCE & DEFENCE RELATED SECTOR

COMPANY NAME	SECTOR	CITY	REVENUE (MIL. EUR)	FTEs
PPS Group	related industry	Detva	41.05	703
ZVS holding	defence	Dubnica nad Váhom	36.74	243
Aliter Technologies	defence	Bratislava	35.99	120
SPINEA	related industry	Haniska	22.17	451
Kerametal	defence	Bratislava	20.83	18
Innovatrics <sup>®</sup>	related industry	Bratislava	20.44	130
EVPÚ	related industry	Nová Dubnica	18.36	244
MSM Martin	defence	Dubnica nad Váhom	17.53	68
LYNX	related industry	Košice	16.20	101
Glock	defence	Bratislava	15.14	15
MSM Land Systems	defence	Trenčín	14.42	121
MSM Nováky	defence	Nováky	13.64	138
Grand Power	defence	Banská Bystrica – Šalková	12.97	104
Way Industries	related industry	Krupina	12.40	203
GEMOR Fashion	related industry	Prešov	12.34	104
Neways Slovakia	related industry	Nová Dubnica	11.45	411
ZTS Špeciál	defence	Dubnica nad Váhom	10.47	120
Konštrukta Defence	defence	Dubnica nad Váhom	8.42	121
ZVS Impex	defence	Dubnica nad Váhom	5.22	64
MSM Banská Bystrica	defence	Dubnica nad Váhom	4.53	54

\*Data for 2019. Best performing companies (by revenue) in the sector. Source: Finstat, the latest data available for 2020



# Success Stories

## Examples Of Cutting Edge Products Developed In Slovakia

### MSM GROUP

**Year of establishment: 2004**

**Main focus: broad portfolio of defence products**

The company covers its subsidiaries with a portfolio in the field of defence and civil engineering industries:

- Special wheeled and tracked vehicles
- Mobile delaboration systems
- Special shelters & high command HQs
- Pistols, rifles and sub-machine guns
- Advanced cyber security systems



### WAY INDUSTRIES

**Year of establishment: 2009**

**Main focus: special vehicles Bozena**

Bozena is based on the skid steer loader Locust and has multi-purpose applications. The main modification is a remotely controlled vehicle designed for disposal of:

- Unexploded ordnance
- Anti-Personnel landmines
- Anti-Tank landmines

### ALITER TECHNOLOGIES

**Year of establishment: 2007**

**Main focus: ICT solutions**

The company has carried out multiple contracts with NATO delivering special military systems (devices and IT systems).

- SILWA (Silent Watcher) — The Unmanned Airship Solution for intelligent airborne monitoring
- VIMA (Virtual Mast) — a solution fully replacing the classic mechanical mast that is used as a carrier of cameras, antennas, radios and other devices and sensors for tactical deployment



### INNOVATRICS

**Year of establishment: 2006**

**Main focus: Biometrics**

The fastest available Automated Fingerprint Identification System (AFIS) solution on the market. 1.04 billion fingerprint matches per second with 99.98% accuracy. The product line of the company reaches from Automated Biometric Identification System, Digital Onboarding and Embedded Solutions to Plug & Play Face Recognition. The track record shows more than 500 successfully finished projects in 80 countries.

# Space Industry in Slovakia



Slovakia has 40 companies actively involved in the space sector. Although more than half of them are focused on the upstream segment, the majority of the space-related revenue is concentrated in software applications using earth observation or positioning data.

On top of that, there are more than 40 other companies with a strong potential of entering space — working in relevant areas of sectors such as electronics, high precision machinery, industry 4.0 and ICT. Several of them already have initial experience with space projects.

## Space Industry Main Activities



Advanced Electronics

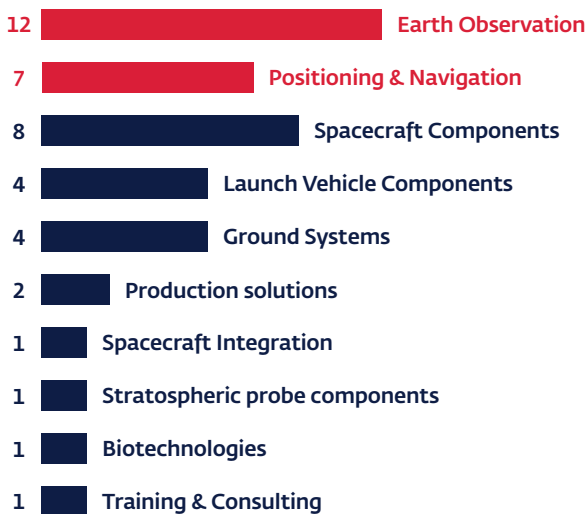


Materials & Mechanics



Data Products

## Nr. of Companies Directly Involved in Space Sector



SARIO calculation compiled from data of 43 companies identified as space and space-related (working in related sectors & with relevant technologies). Source: Finstat, the latest data available for 2020.

## Space Industry Brief Figures

40+

companies directly involved in the space sector with 40+ more active in related areas

108+

revenue generated by companies directly involved in the space sector

500+

people employed by companies directly involved in the space sector

# Major Companies Success Stories

## CTRL

R&D and manufacturing of electromechanical components in accordance with ECSS, FAA, EASA, DO-254 standards. The company is active in sophisticated fields of cybernetics, artificial intelligence, robotics, measurement and control. With 3 projects it is the most successful Slovak company in ESA PECS calls.



## SPACEMANIC

Small satellite mission integrator focused on delivering end to end solutions — design, subsystem manufacturing and testing, spacecraft integration and testing, launch and deployment and on-orbit operations (operating several Ground Stations in Central Europe). Spacemanic's engineers were involved in the project of the first Slovak satellite skCUBE which was fully developed in house. Now the company is working on next space missions for private customers.

## MASAM

Metallic component production for global aviation and space companies including Airbus Defence & Space and Ariane Group.



## NEEDRONIX

Development of smart sun sensors, as well as telemetry, tracking and command systems and ground segments. Needronix participated in skCube project of Slovak Organisation for Space Activities developing and launching the first Slovak cubesat in 2017. The company was involved in manufacturing of the satellite as well as its ground station. The company also has 1 successful ESA PECS project.

## INSAR.SK

Monitoring of infrastructure stability and advanced situation awareness during evolving and complex deformation processes. The company is the Copernicus Masters Airbus & Sobloo Multi-Data Challenge 2019 Winner and has 1 successful ESA PECS project.



## GOSPACE

Development of smart sensors, IoT solutions and intelligent hardware systems (e.g. smart parking system) designed to withstand conditions in extreme environment. The company has 1 successful ESA PECS project aimed at development of an autonomous landing system for stratospheric probes (also active in the upstream domain).

## SYGIC

Developer of GPS navigation software used by 200 million people including more than 1 million professional drivers. Top #2 app in the navigation category worldwide. Pioneer in hybrid navigation for smart devices such as Google Glass and Apple Watch.



## IBL SOFTWARE ENGINEERING

A company with already more than 40 years of experience in the field of meteorological information. It provides comprehensive and automated weather software solutions for meteorological services, aviation sector and other customers.

# Aviation Industry in Slovakia



Slovak aviation industry builds on an old tradition of Slovak inventions, such as a parachute and a helicopter. The old tradition of the aviation inventions lives on, through the prototypes of fastest ultralight aircraft, gyrocopter or an aeromobil – one of the most sophisticated prototypes of flying-car designed and developed in Slovakia.

350+

At present, more than 350 automotive suppliers represent a great potential for development of aviation industry when it comes to manufacture, design or R&D activities.

## Subsectors of the Aviation Industry



OEM & Integration



Aero Components



ICT & Navigation



Maintenance & Testing

## TOP 10 COMPANIES OPERATING IN THE AVIATION INDUSTRY

COMPANY NAME	SECTOR	CITY	REVENUE (MIL. EUR)	FTEs
Tomark	OEM & integration	Prešov	25.04	227
Austrian Airlines Technik	maintenance & testing	Bratislava	16.31	235
Letecké opravovne Trenčín	maintenance & testing	Trenčín	10.88	325
Virtual Reality Media	ICT & navigation	Trenčín	6.46	63
Aerospool	OEM & integration	Prievidza	5.67	93
Metzeler Slovakia	aero components	Senec	5.12	94
Aeroengineers International*	maintenance & testing	Bratislava	4.69	41
MASAM	aero components	Vráble	3.16	37
TomarkAero	OEM & integration	Prešov	1.78	N/A
Shark.Aero	OEM & integration	Hlboké	1.60	36

\*Data for 2019  
Source: Finstat, the latest data available for 2020. Companies ranked by sales revenue.

## Aviation Industry Brief Figures

84

mil. EUR sales revenue

26

mil. EUR generated added value

1,235

employees in the sector

SARIO calculation compiled from data of Top 16 best performing companies (by revenue) in the sector (2020).



## Major Companies Success Stories (OEM & Integration)

### AEROMOBIL

**Year of establishment: 2010**

Aeromobil develops a vehicle capable of transforming into an aircraft. Aeromobil 4.0 STOL (short take-off landing system) is being tested to be commercially launched in 2020. Company is a part of the flagship projects within the Danube Valley – bringing together the most innovative companies from CEE.



**AEROMOBIL**



### TOMARK AERO

**Year of establishment: 2008**

Family owned company Tomarkaero is designer and manufacturer of successful models of two-seat ultralight aircrafts Viper SD4 and Skyper GT9.

### AEROSPOOL

**Year of establishment: 1990**

Aerospool is specialized in production of ultralight aircrafts, such as the world-known Dynamic WT9 and four-seater Advantic WT10 as well as painting, maintenance and repair of gliders.



### SHARK

**Year of establishment: 2006**

Shark.Aero is known as a producer of two-seat ultralight low-wing aircraft Shark UL which is also known as one of the fastest in the world (see FAI World Speed Record as of 30<sup>th</sup> June 2015. Shark UL 303 km/h).

### AEROPRO

**Year of establishment: 1992**

Since 1990 Aeropro has been producing the Eurofox, two-seat, high-wing microlight aircraft. To mark the 100th anniversary of the Royal Air Force foundation in 2018 a special Eurofox was ordered. The aircraft flew more than 20,000 km during 52 days journey from the United Kingdom to New Zealand (GB—NZ expedition).



### JOKERTRIKE

**Year of establishment: 2005**

Jokertrike specializes in production and development of one/two-seater hang-gliders and new era of gyrocopters.

Source: Official web sites of the above companies

# Investment Incentives

The primary goal of the investment incentives is to motivate investors to place their new projects in regions with higher unemployment and to attract projects with higher added value.

## MAXIMUM REGIONAL INTENSITIES OF INVESTMENT INCENTIVES IN SLOVAKIA

- additional 10% for medium-sized enterprises
- additional 20% for small and micro-sized enterprises
- additional 10% for investment projects carried out in regions included in Just Transition Plan

### INDUSTRIAL PRODUCTION

Minimum conditions (investment amount, number of newly created jobs and share of new technology) are subject to the unemployment rate in the selected district and forms of aid required.

If applying for income tax relief, the following criteria have to be met in regards to particular districts category:

- 3 mil. EUR and 60% share of new technology
- 1.5 mil. EUR and 50% share of new technology
- 0.75 mil. EUR and 40% share of new technology
- 0.1 mil. EUR and 30% share of new technology
- Expansion includes minimum increase in the production volume or turnover by at least 15%

Direct forms of aid are also available, different conditions apply.

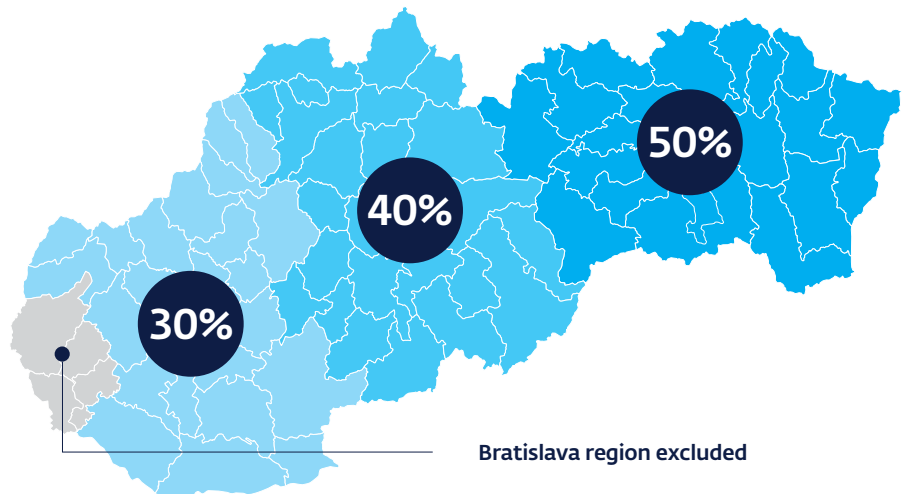
### TECHNOLOGY CENTERS

- Minimum investment of 100 ths. EUR on fixed assets in all regions
- Minimum of 10 newly created jobs
- Minimum 1.7 fold of average salary in the district paid to new employees

### SHARED SERVICES CENTERS

- Minimum of 25 newly created jobs
- Min 1.5 fold of average salary in the district paid to new employees

\*In case of Technology centers or Shared Services Centers, conditions differ for projects from 'Priority areas'. Minimum conditions for SMEs are in principle lowered by half. Please contact us at [invest@sario.sk](mailto:invest@sario.sk) for more information.



### ELIGIBLE PROJECTS

The Act on Investment Incentives divides the projects, which may be supported, into four categories:

- Industrial production
- Technology Centers
- Combined Projects of Industrial Production and Technology Center
- Shared Services Centers

### ELIGIBLE COSTS

- Costs of land acquisition
- Costs of buildings acquisition & construction
- Costs of new technological equipment and machinery acquisition
- Intangible long-term assets — licences, patents, etc.
- Rent of new land/building
- or**
- Total wage costs of all new employees calculated over a period of 2 years

### FORMS OF INVESTMENT INCENTIVES

- Corporate income tax relief
- Cash grant
- Contributions for the newly created jobs
- Rent/Sale of real estate for a discounted price

Positive regional contribution of a new investment projects shall be concluded based on these categories — investment location, number of jobs created, average gross monthly salary of new employees, expected added value and possible qualification of a project respecting definition of a priority area.





## AIM INVESTMENT AWARDS DUBAI 2017

CEE & TURKEY REGION  
Best Investment Promotion Agency in 2016



**580+**  
successful SARIO  
projects since  
2002

# SARIO Profile

Slovak Investment & Trade Development Agency (SARIO) is a governmental investment and trade promotion agency of the Slovak Republic. The agency was established in 2001 and it operates under the Slovak Ministry of Economy.

## 01 INVESTMENT SERVICES

### FOR POTENTIAL INVESTORS

- investment environment overview
- assistance with investment projects implementation
- starting a business consultancy
- sector and regional analyses
- investment incentives consultancy
- site location & suitable real estate consultancy

### FOR ESTABLISHED INVESTORS

- identification of local suppliers, service providers
- assistance with expansion preparation and execution
- assistance with Industry 4.0 solutions and R&D implementation

## 02 FOREIGN TRADE SERVICES

### IF YOU ARE LOOKING FOR

- Slovak supplier or sub-contractor
- information about Slovak export/trade environment
- sourcing opportunities
- forming a joint venture, production cooperation or other forms of partnership with a Slovak partner

### SERVICES FOR EXPORTERS

- information on foreign territories
- customized search for foreign partners
- on-line database of business opportunities
- export Training Centre
- subcontracting assistance

## 03 INNOVATION SOURCING

- matching local tech companies with the operations of large companies that plan to implement innovative solutions to streamline and optimize their processes
- focused mostly on Industry 4.0 solutions such as digitalization, intelligent automation, and robotics as well as advanced and complex IT solutions for various industries
- based on a database of more than 300 local tech companies which is constantly updated and expanded

## 04 DIVERSIFICATION ACTIVITIES

- aimed at supporting diversification of the Slovak economy towards high-tech areas with significant growth potential
- systematic building of a knowledge base about these sectors with an aim of increasing their visibility and attractiveness for prospective investors
- focused mainly on such sectors as space, aviation, smart & green mobility, medtech, greentech, gaming, smart cities, data centers, and the hydrogen economy

**SARIO IS YOUR ONE STOP SHOP FOR INVESTMENT & TRADE IN SLOVAKIA.  
TALK TO US TODAY!**

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