



ENGINEERING AND TECHNOLOGY INDUSTRIES ASSOCIATION OF LITHUANIA

ACTIVITIES AND VALUE FOR BUSINESS



WHAT IS LINPRA?

LINPRA UNITES

Leading companies of Lithuanian engineering / technology industries and other related organizations.

ON INTERNATIONAL SCALE

Linpra acts as an ambassador of Lithuanian engineering industries and represents the whole sector (not only members).



**With joint activities LINPRA
aims to contribute to
progress of the country.**

**LINPRA is open to all
mature / development
oriented engineering
industries companies.**



A background image showing a robotic arm in a factory setting, with sparks flying from a welding point. A hand in a blue suit is holding a tablet displaying a control panel with various graphs and data. A large white double arrow points from the left towards the center of the image.

~130 members

Business areas:

- Basic metals and fabricated metal products
 - Machinery and equipment
- Motor vehicles, trailers, semi-trailers and other transport
 - Rubber and plastics
- Computer, electronic and optical products
 - Electrical equipment
 - Subcontracting
 - Education and R&D



MAIN AREAS OF LINPRA ACTIVITIES



Representing interests
of engineering
companies



Export development



Project management
involving engineering
companies in project
consortiums and
activities



Technological
transformation.
Industry 4.0
development in
Lithuania



Training and raising
employee
qualification.
Initiatives in
education. Promoting
STEAM



Networking and
building engineering
industries community



ENGINEERING INDUSTRIES SECTOR IN LITHUANIA



LITHUANIA. Business benefits

ASSESSING MANUFACTURING'S
POST-PANDEMIC RECOVERY POTENTIAL

Lithuania rating on the
attractiveness for global
manufacturing:

among TOP 10 in the world
among TOP 5 in Europe

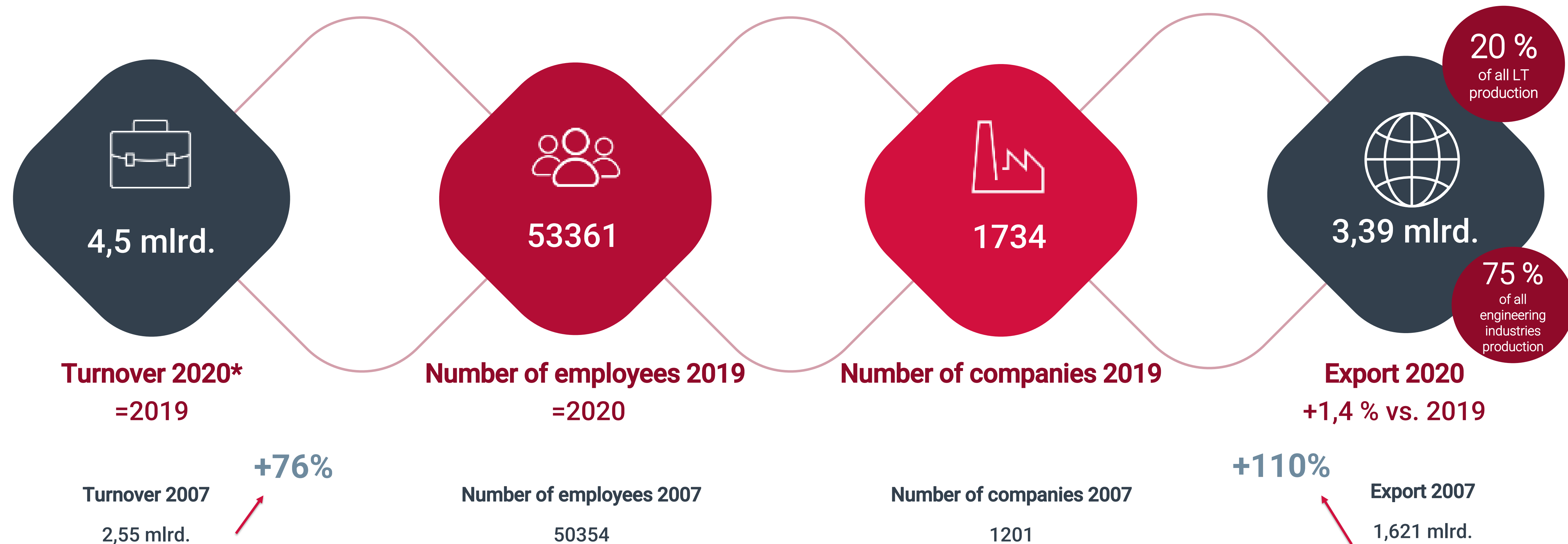
Global Manufacturing Risk Index (2020), Cushman &
Wakefield survey



DESCRIPTION AND WEIGHTINGS

The Baseline scenario gives equal importance to a country's operating conditions and cost competitiveness.

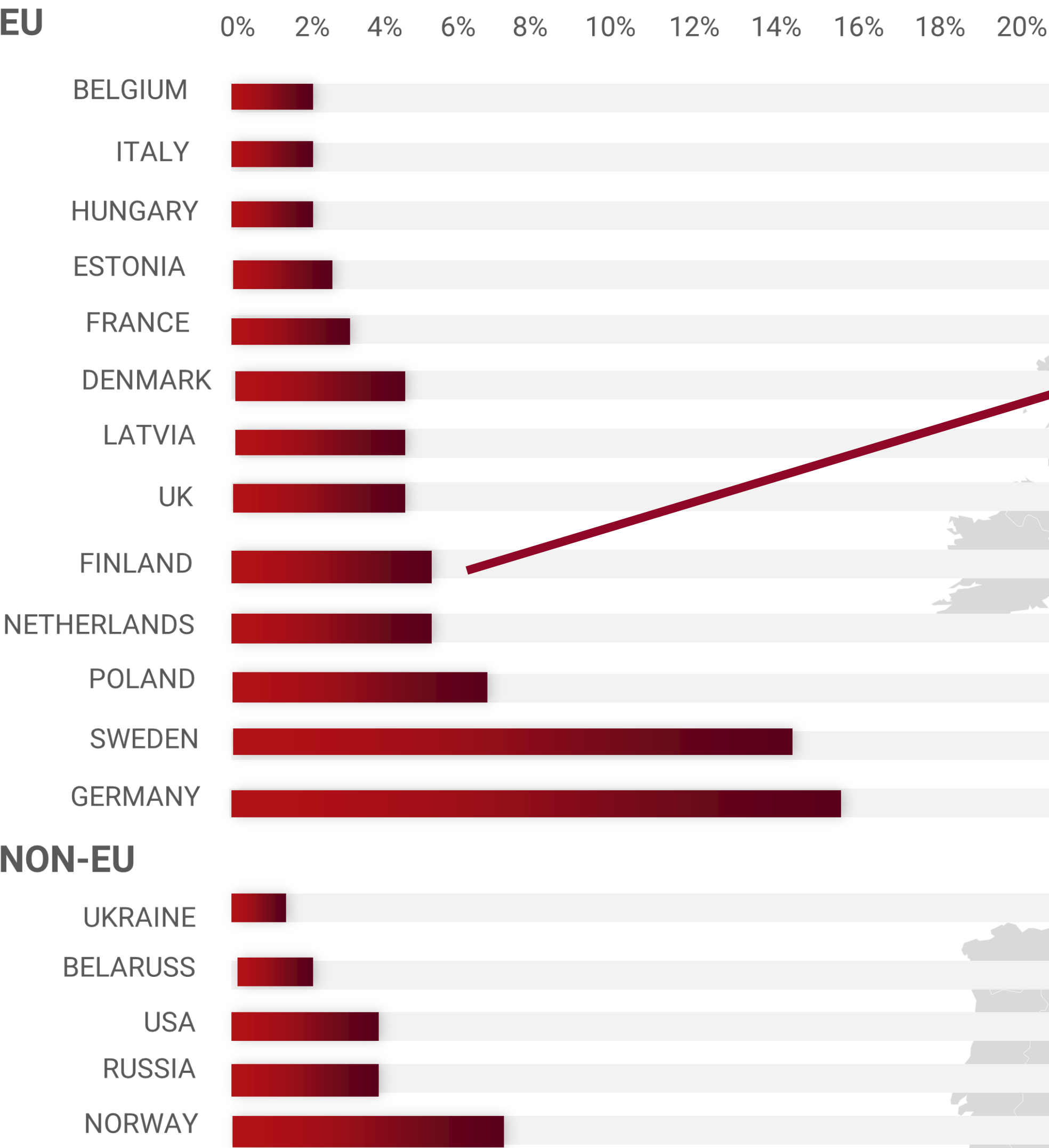
LITHUANIAN ENGINEERING INDUSTRY IN NUMBERS



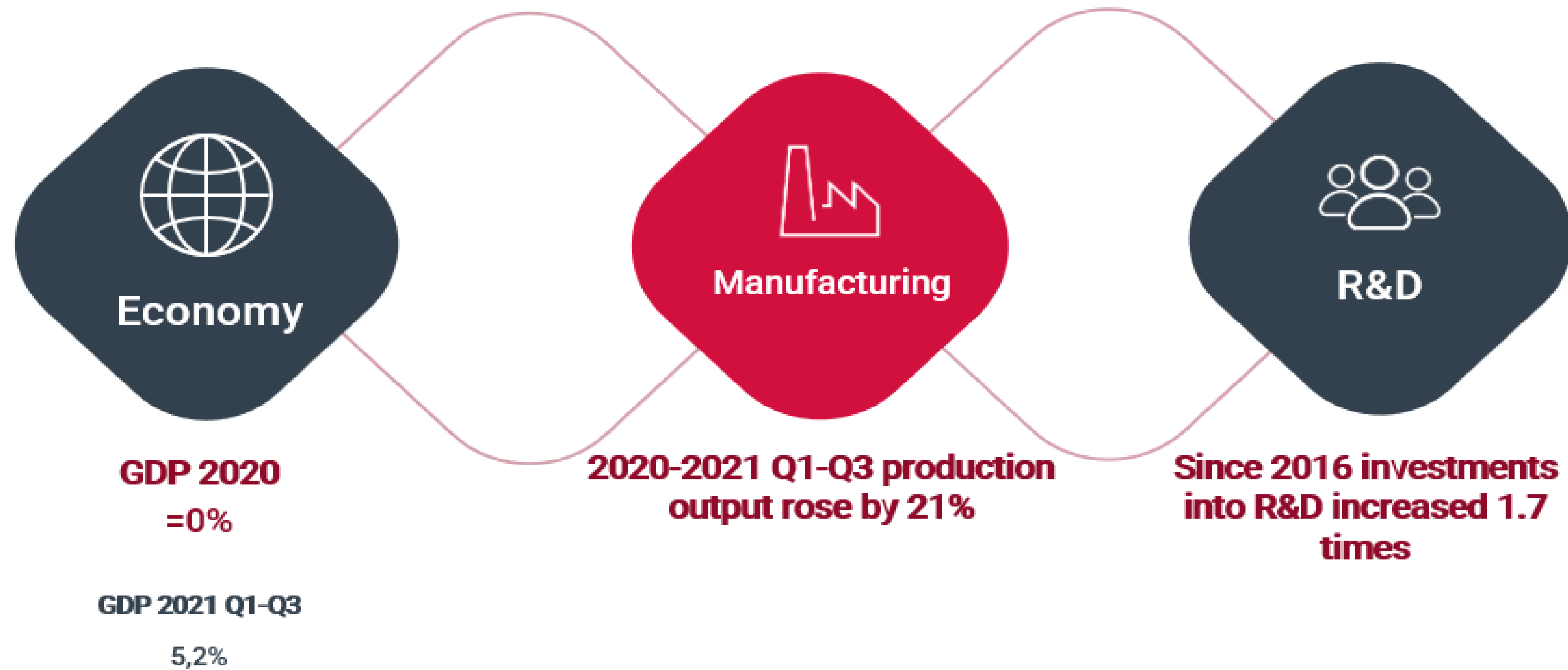
* Source: Enterprise Lithuania, Department of Statistics of Lithuania

Value added 2.75 times higher compared to 2010.

MAIN EXPORT DIRECTIONS: 2020 m. 3,39 mlrd. Eur



TOP5



Manufacturing companies in Lithuania are becoming increasingly integrated into the EU value chains.



MAIN ACTIVITIES.

METAL PROCESSING AND MACHINERY



Sheet metal processing

- Laser, plasma cutting
- Shearing
- CNC Punching
- CNC Bending
- Stamping
- Cutting
- Rolling

Tubes processing

- Cutting
- Bending

Mechanical processing

- CNC milling
- CNC turning
- Boring, Threading
- Grinding

Surface preparation

- Shot blasting
- Tumbling

Surface coating

- Powder coating
- Wet painting
- Electro-galvanic coating
- KTL
- Zink, ZnNi, ZnFe plating

Welding

- Robot welding MIG/MAG
- Manual welding MIG/MAG/TIG
- Spot welding

Casting

Thermal treatment

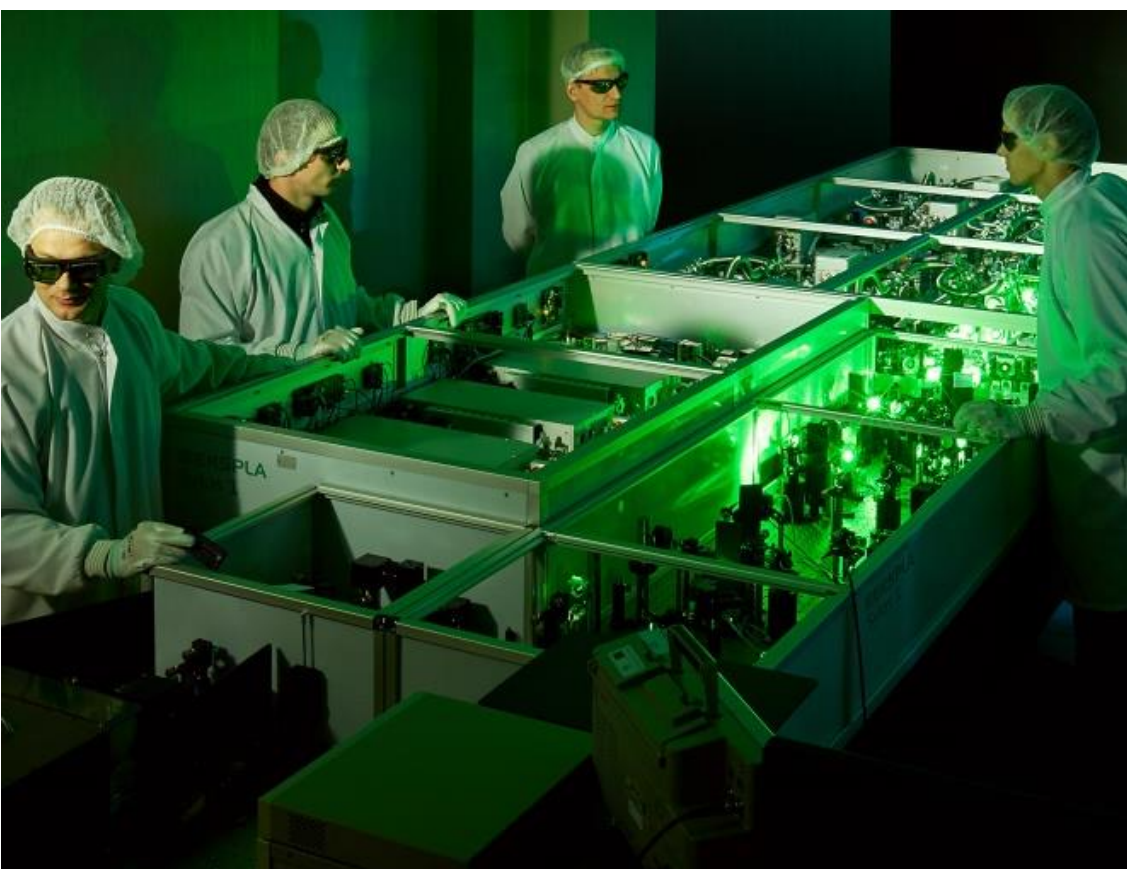
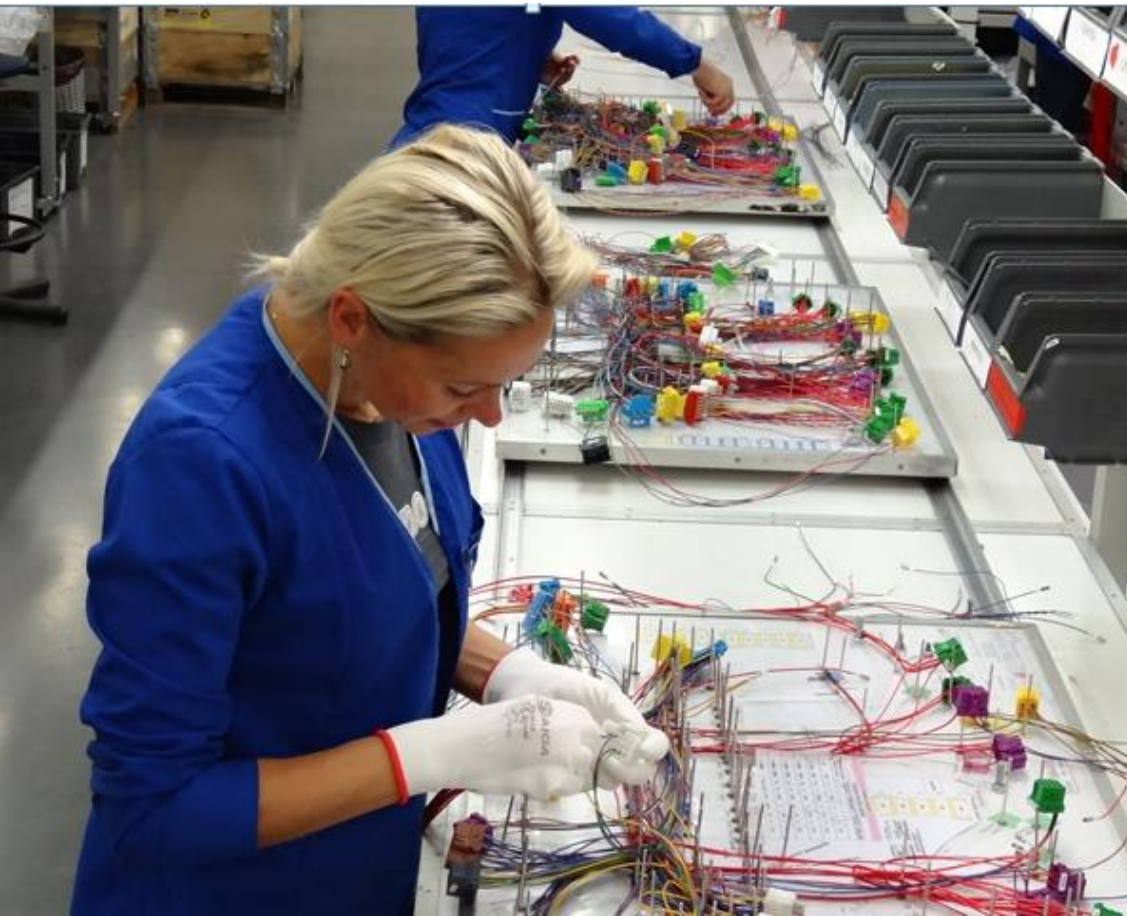
Designing and producing tooling

Equipment



MAIN ACTIVITIES.

ELECTROMECHANICS AND ELECTRONICS



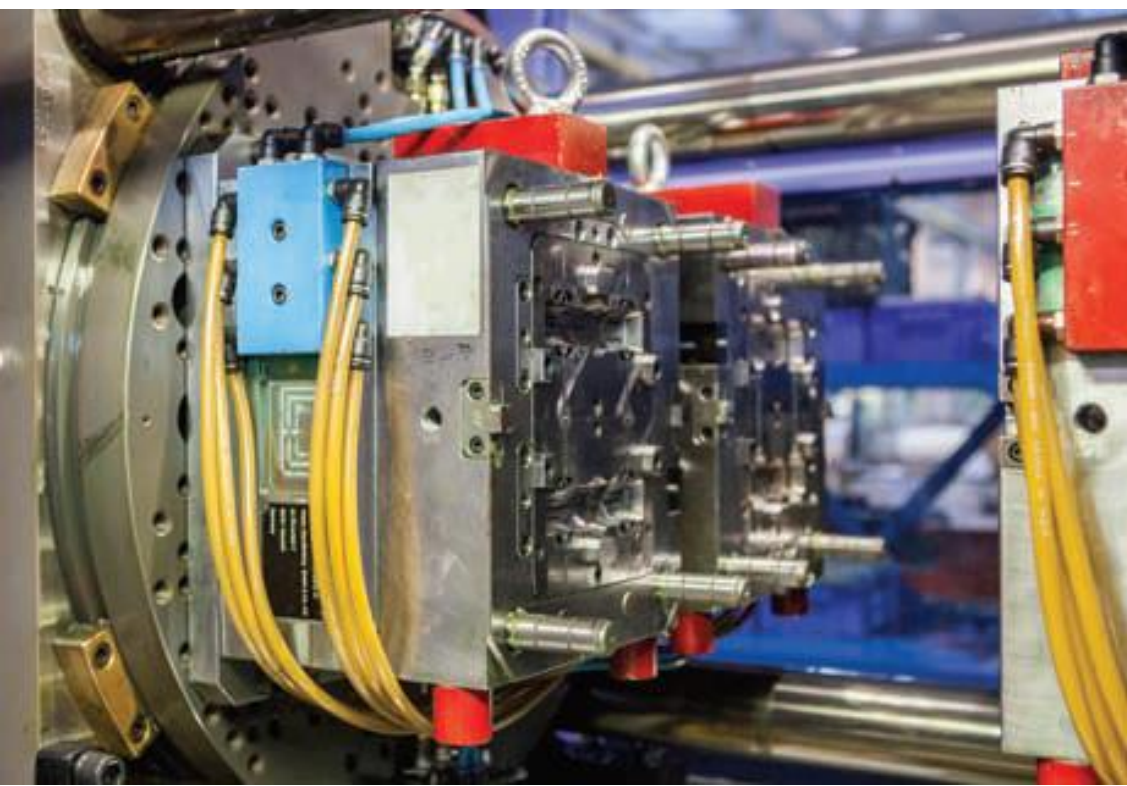
- ODM electronics design services
- EMS electronics assembly
- Process Automation Cabinets
- Power Distribution & MCC Systems
- MultiDrive Systems
- Wire assemblies and harness
- Electro-Mechanical Systems
- HI-TECH products, Lasers, Optics
- Complex assembly
- Installation





MAIN ACTIVITIES.

PLASTICS AND RUBBER



Injection molding

- 2K (dual-component) injection
- moulding
- Tampo printing
- Micro moulding
- Pad printing
- Hot-foil blocking
- Ultrasonic welding
- Thermoset injection moulding

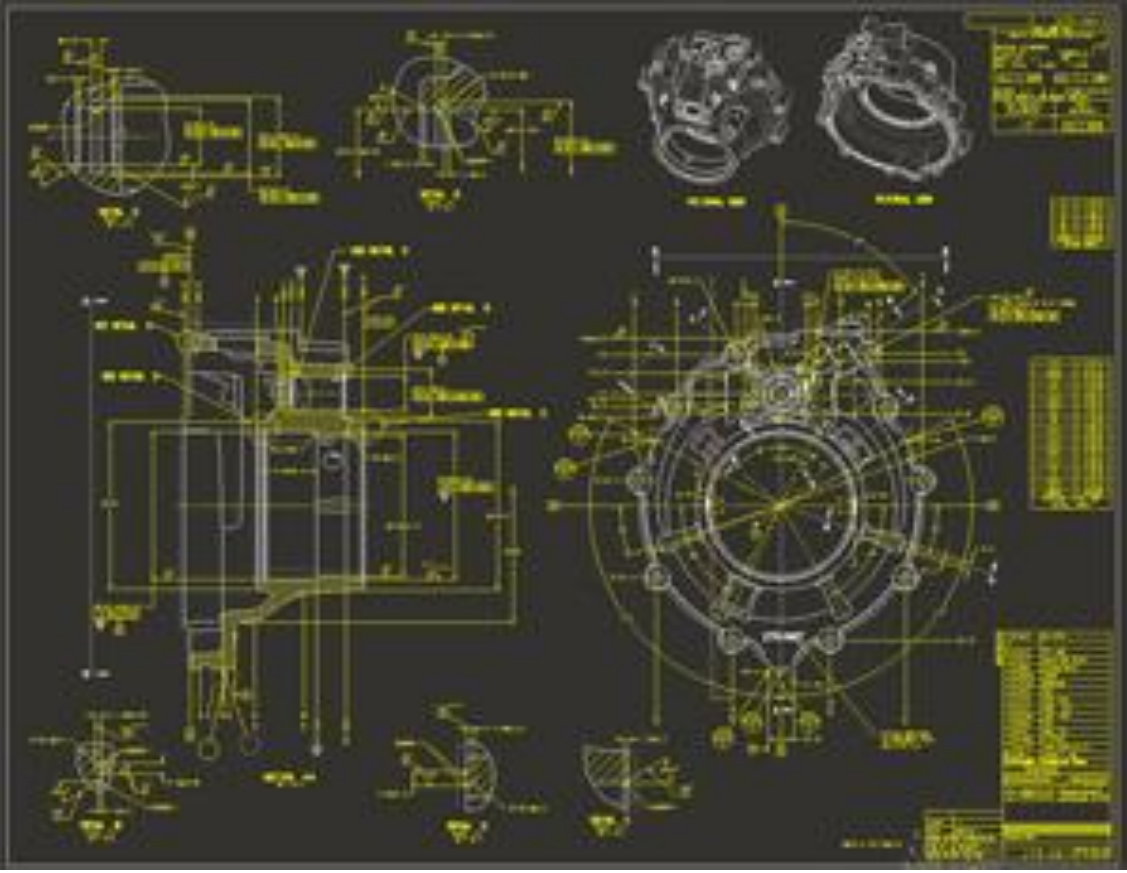
Assembly and packaging

Vertically integrated supply chain



MAIN ACTIVITIES.

ENGINEERING



Designing/Engineering

- Solidworks/Creo
- Manufacturing drawings
- Benefits – cost efficient; drawings quality on supplier; suitable for manufacturing
- ERP system
- Quality management systems
- Timely updated reports

Complex assembly Instalation

Purchasing standard components



ENGINEERING INDUSTRY. LITHUANIAN PRODUCTS



Pet stretch blow moulding machines

ENGINEERING INDUSTRY. LITHUANIAN PRODUCTS



Offloading system



Pile Guidance Frame



Offshore turntable

ENGINEERING INDUSTRY. LITHUANIAN PRODUCTS



Transportation
equipment for loading
of cargo ships



Production of storage
tanks, vessels,
elevators and towers



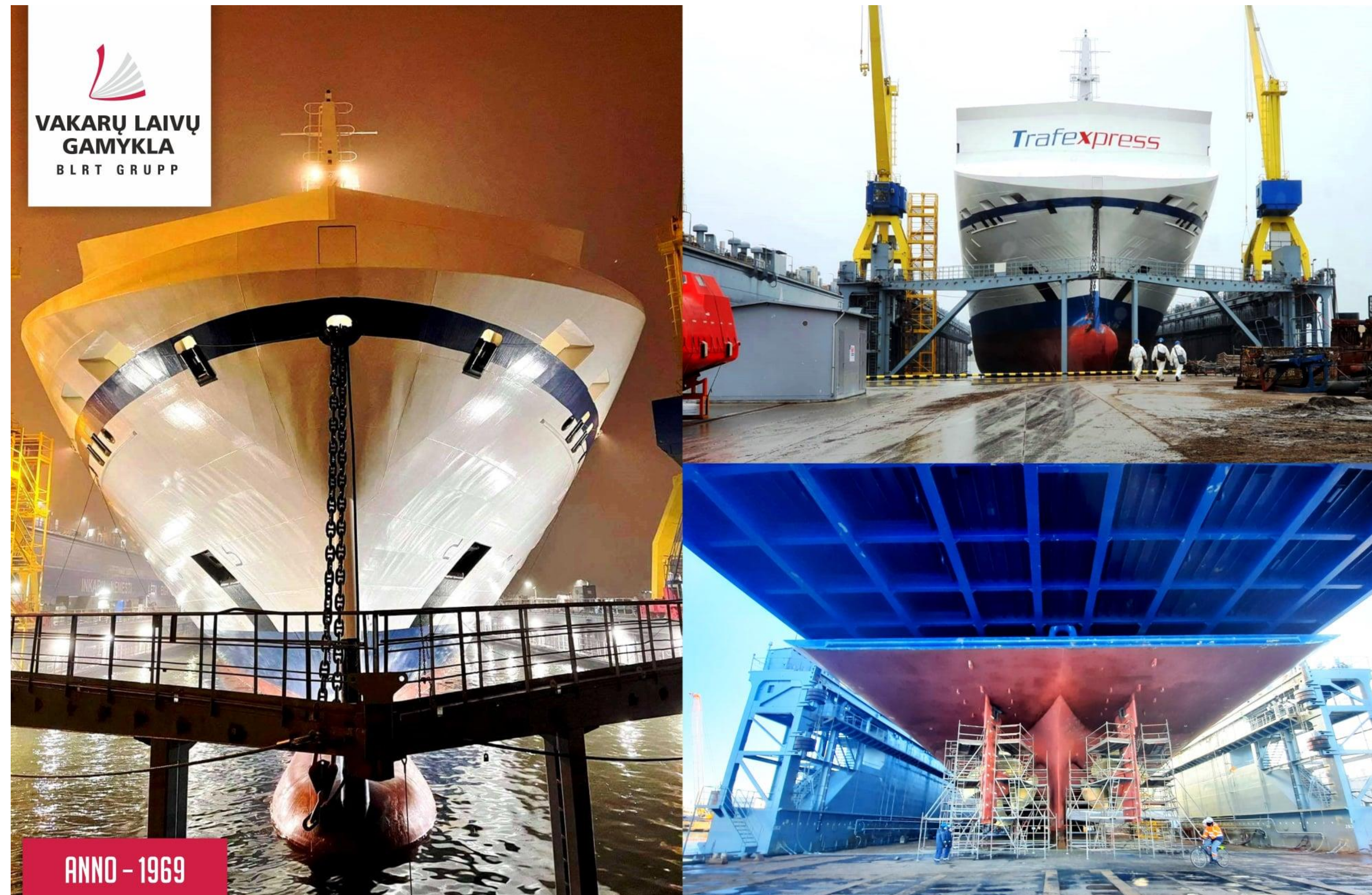
Heavy and light lifting
equipment



Power transformer
frames



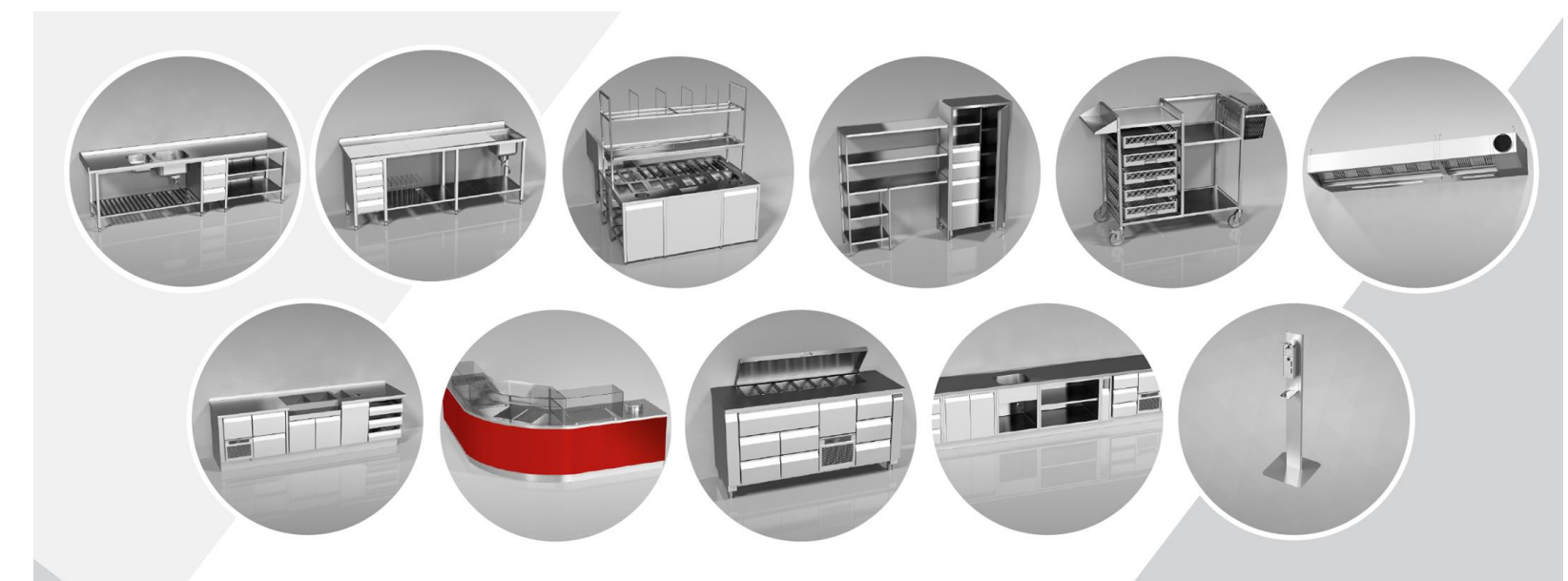
ENGINEERING INDUSTRY. LITHUANIAN PRODUCTS



The largest floating dock in the Baltic state

Western Shipyard will become the largest ship repair hub and, together with the shipyards in Tallinn and Turku, will enable the Group to compete with the greatest ship repair companies of Western and Northern Europe.

ENGINEERING INDUSTRY. LITHUANIAN PRODUCTS



Stainless steel professional kitchen equipment

ENGINEERING INDUSTRY. LITHUANIAN PRODUCTS



Battery technologies

ENGINEERING CAPACITIES, R&D AND ACHIEVEMENTS



Altas Auto



Altas Auto is a Lithuanian Mini and Midi bus engineering enterprise which manufactures their products to the standard of such world market leaders as Mercedes-Benz, Volkswagen, MAN and Iveco. The company is No. 1 by sales in the Scandinavian market and one of the Europe's leading companies in the field of engineering and manufacturing of minibuses.

ALTAS AUTO



Altas Viator
29 seats + 1 + 1 mid-size Altas
flagship tourist bus



Altas Novus electric minibuses
2 low floor city and 2 multifunctional
models available

IVECO



800 units per year
Production scale

E-buses, designed and manufactured in Lithuania



Dancer is an electric transport solution that includes e-buses, full maintenance, and its own green energy supply. A Dancer can seat 32 passengers and carry 93 altogether. The bus is equipped with an advanced climate control system, high-speed wireless internet for passengers, USB slots for mobile phones and an automatic ramp for the lifting of wheelchair. The driver's experience is facilitated by a new generation of night vision cameras that broadcast 3D images of the environment to mirror screens.



UK Electric Vehicle Unicorn Arrival



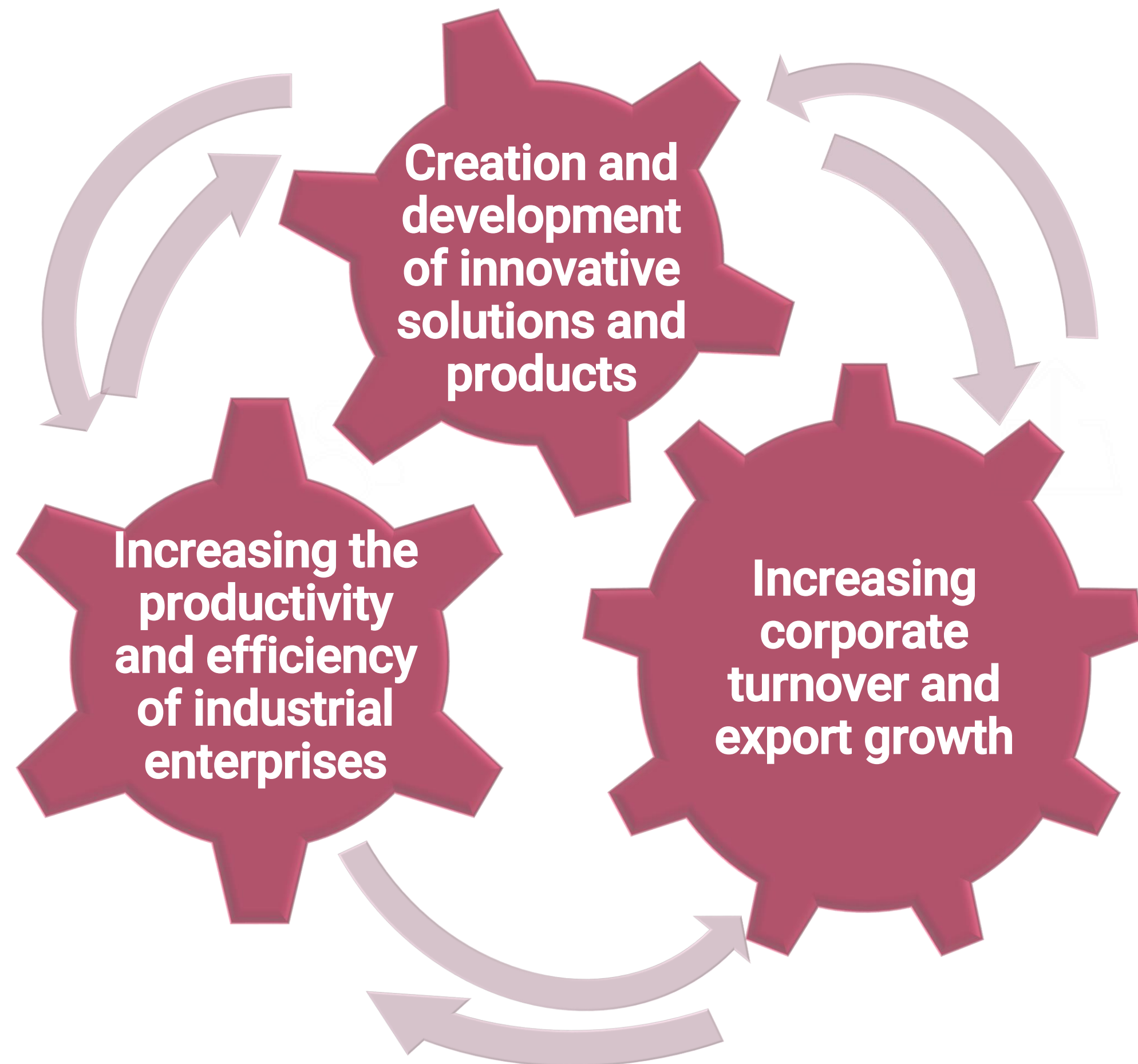
Arrival LT

- Engineering department in Lithuania
- Design
- Engineering
- Prototyping/manufacturing:
- electric motors,
- gear box,
- battery modules.

ENGINEERING INDUSTRY IN LITHUANIA.

PRIORITIES

Objectives and impact



Strategic directions of industrial development

- Industrial transformation and innovation (digitization, automation, robotics)
- Development and implementation of high impact technologies
- Building competencies and developing new skills to meet the challenges of INDUSTRY 4.0
- Development and implementation of climate change mitigation products, technologies and solutions in industry





AREAS OF **LINPRA** ACTIVITIES

- Production and trade parts and components for OEM, TIER1, developing value chain with the aim to save costs or time for our clients.
- Organization of visits, trade missions to know better potential suppliers or manufacturers in Lithuania.
 - To help find partners in Lithuania and provide customised information about potential suppliers according clients needs and requirements.
 - Identification and initiation of business-relevant joint projects to develop together new products or services.
 - Introduction of new opportunities for expansion / relocation projects





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