



**Education, development, innovation
and their role in the development of the
Moravian-Silesian Region**

Science and research in figures

- ◆ **More than 3,000** S&R employees in the commercial sector
- ◆ **Almost 250** centres with in-house S&R
- ◆ **2nd highest number of university students** studying ICT with permanent residence **in the region**
- ◆ **CZK 5.6 billion** spent on S&R (4th highest amount in CZ) – tendency for growth
- ◆ **71 patent applications** (4th highest number in CZ)



We support ideas and innovation



- ◆ **Smart idea** – a competition of ideas to improve life in the region
- ◆ **Hackathon** – analysts and developers look for new solutions and change the world
- ◆ **Green Light start-up programme** – 98 projects have already gained CZK 38.3 million from investors
- ◆ We have launched a **start-up voucher** scheme – verification of the business plan on the market
- ◆ We are getting **InnoBooster** started – leading experts for innovative companies
- ◆ **Technology and business academy**



Key partners for region's development



MS!C

Moravian-Silesian Innovation Centre

MSiD

Moravian-Silesian Investment and Development

MSPAKT

Moravian-Silesian Employment Pact

MORAVSKOSLEZSKÉ
ENERGETICKÉ
CENTRUM

Moravian-Silesian Energy Centre



MS!C

Development of the innovation ecosystem

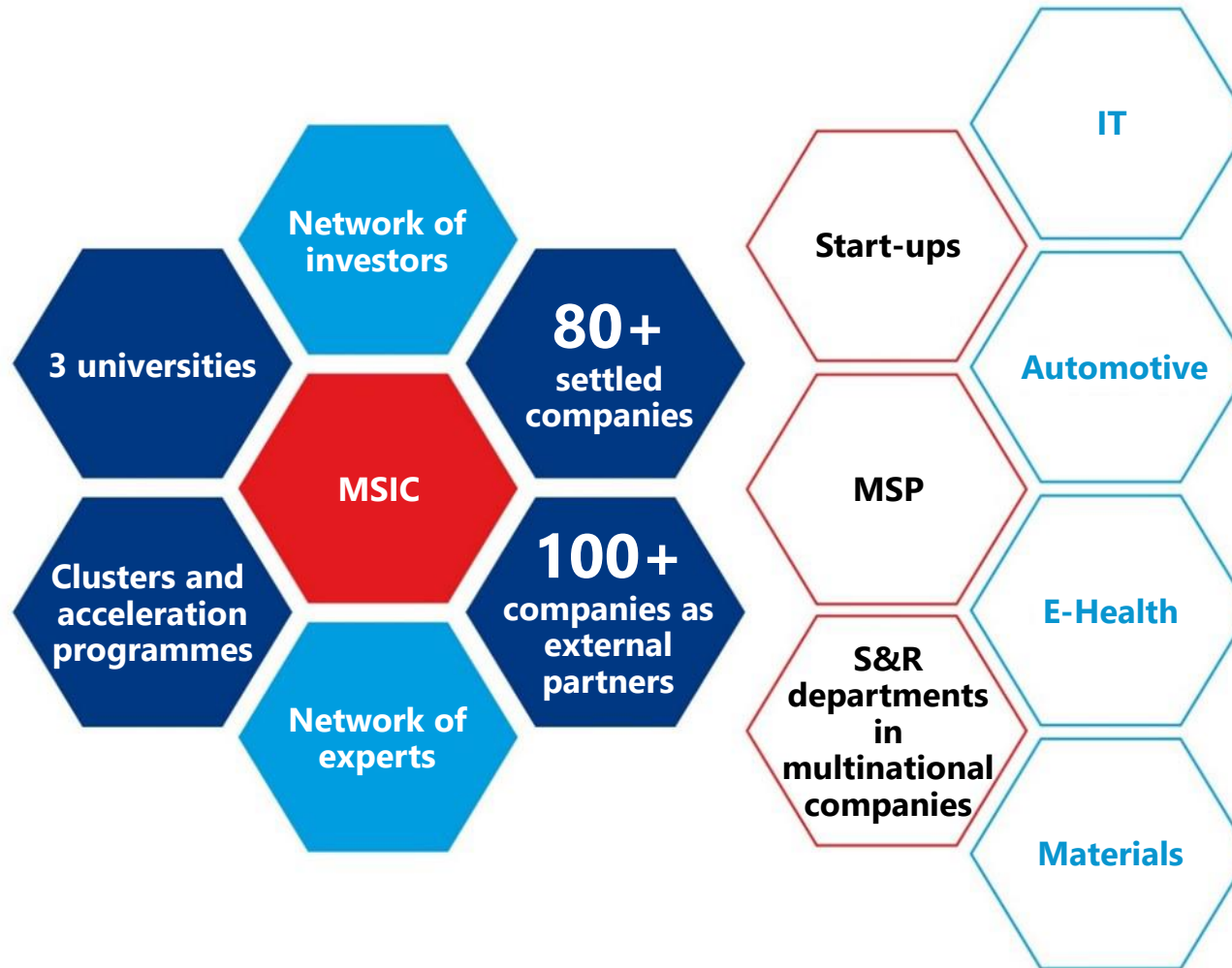


OSTRAVA!!!

VŠB TECHNICKÁ
UNIVERZITA
OSTRAVA



MSIC Innovation ecosystem



Support for Science and Research

Grant programme



Objective

- ◆ To contribute towards better conditions for students in **doctoral study programmes** during the course of their scientific activities

Support

- ◆ **CZK 35.2 mil.** provided (2017–2019)
- ◆ **149 students** supported



Support for Science and Research

Individual



- ◆ Preparation of international projects in the field of S&R – **CZK 4.75 million provided**
- ◆ Research centre of excellence for energy – **CZK 2.5 million provided**
- ◆ Increase in the quality of university tuition – **CZK 39 million provided**



Support for Internships

Grant programme



Objective

- ◆ Acquire skills and gain experience in companies and increase graduate employability

Support

- ◆ More than **CZK 12.5 million** provided (2017–2019)
- ◆ **115 university students supported**

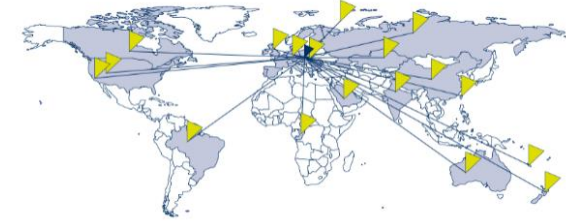




We send products all over the world



Footprints of local innovations around the world



- ◆ First electric motorcycle in [New Zealand](#). (KUBERG)
- ◆ Wooden costume jewellery from the Beskids in [Taiwan](#). (BeWooden)
- ◆ Wheelsets for railway wagons in [India](#). (BONATRANS)
- ◆ Pure hydrogen from chemical waste to fuel cars at airports in [California](#). (Brano)
- ◆ Diagnostics based on theory of associations and colours for the government in [Kazakhstan](#). (DAP Services)
- ◆ Participation raising the nuclear submarine Kursk from the bottom of the [Barents Sea](#). (Huisman Konstrukce)
- ◆ Parties interested in concrete products in the [Congo](#). (Créer)
- ◆ Military and civilian lorries with a unique chassis for [New Caledonia](#). (TATRA TRUCKS)
- ◆ Acrobatic aircraft over all continents including [Australia](#). (DOVA AIRCRAFT)
- ◆ System for monitoring cars and people in [Great Britain](#). (NAM system)
- ◆ **... and many more**



A circular frame with a torn paper edge, showing a sunset over a forested landscape. The sun is low on the horizon, casting a warm glow over the scene. The foreground is filled with dense green trees, and the background shows a distant cityscape under a sky with scattered clouds.

Thank you for your attention!