



132,000 ICT Services

ŝ

91,000 ICT related manufacturing

up to 25%

+150% growth of the R&D costs (between 2012-'18)

8.1% of the total R&D costs

5G (5G) network coverage

> **Excellent** mobile broadband coverage

Leading ICT functions

Software 5 development

Intelligence

Science



State Aid for R&D activity



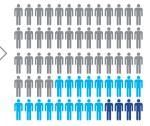
Talent pool & education



54,921 students in STEM programs (BSc level)



15,255 students in STEM programs (MSc level or above)



Cloud

Universities with IT programmes 22,497 IT university students

4,009 IT university final-year students

Vocational students in IT

Our partners in stepping into the future



cloudera

<epam>

ERICSSON =

formlabs 😿







LogMe







ORACLE



SIEMENS

ICT start-up success stories



#ITsecurity #reducedrisk #privilegedaccounts #identity #accessmanagement

LogMe

#softwareasaservice #cloudbased #remoteconnectivity #collaboration #ITmanagement #Customerengagement

#navigationsoftware #automotive #entreprise #wireless #personal



M Prezi

#webbased #presentaion #innovative #softwaresolution #worldclass

IBM Budapest Lab USTREAM

#onlinevideo #streaming #livebroadcast #interactive #50millionusers



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Location selection

Access to information on investment sites, labour market, taxation, business environment, local suppliers and more.

Incentives

First-hand information on the full range of incentives, end-to-end management of the VIP cash subsidy system.



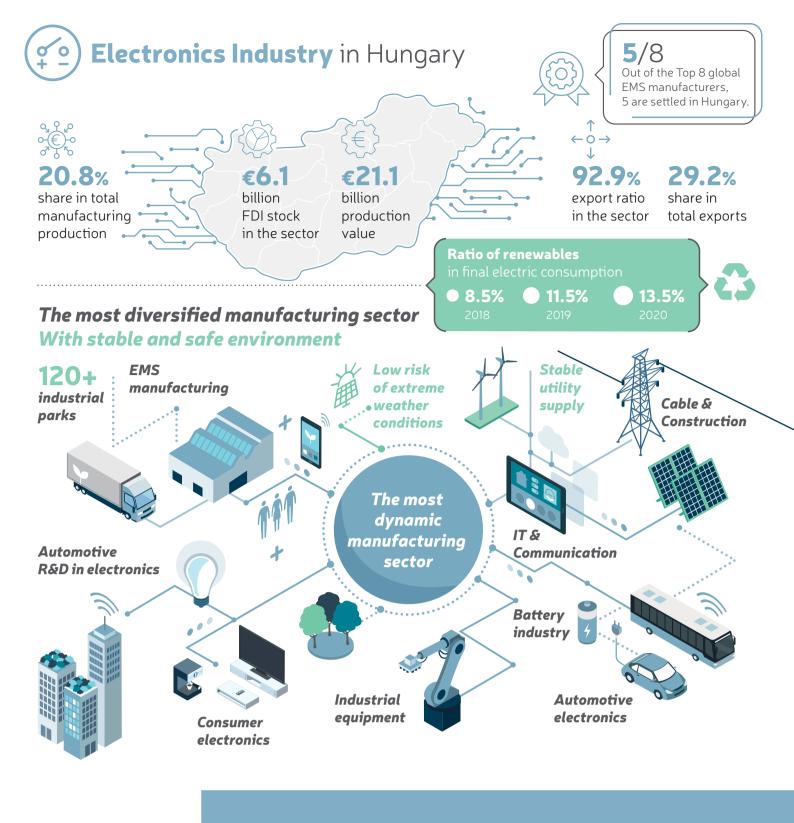
Business development

Identification and development of local suppliers, mediation between business and government, policy proposals to improve the business environment.



Contact us

Tünde Kis Deputy CEO **Investment Promotion** tunde.kis@hipa.hu www.hipa.hu



Our partners in stepping into the future

ALPSALPINE



BOSCH

(Ontinental <u>⅓</u>

flex



JABIL





Rosenberger



SIEMENS

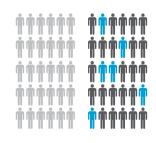


/// VIDEOTON

Talent pool & education in electronics

Over half

of dual education university students study engineering





30,000 students



in the area of engineering



7,000

vocational students participate in electrical engineering, electronics trainings

Did you know?



Electronics is **one of the largest** economic sectors in Hungary



183,000 employees



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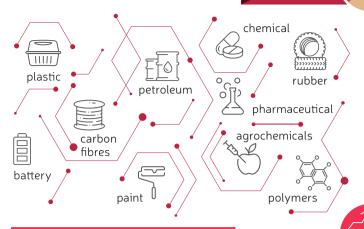
Contact us Márton Szabó Deputy CEO

HIPA marton.szabo@hipa.hu www.hipa.hu

Industrial Products in Hungary

Chemical industry

Wide spectrum of activities

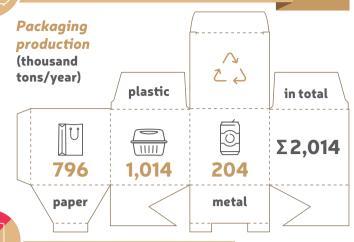


Continuously growing

(2019)

Packaging industry

Wide spectrum of activities



Continuously growing

ተለተሰተሰ ተለተሰተሰተ ተለተሰተ ተለተሰተ ተ

95,700 employees

ተለተለተለተለተለተለ

€ 21.7 billion

production

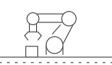


20,500

employees

€2.0 billion

production



Production



Nr.1 in the EU in growth in the value added between 2009 and 2017

268% Hungary



Production

—nd highest share in total manufacturing production in the CEE region



115 prizes at the WPO's World Star Packaging Awards Competition



Our partners in stepping into the future















ZOLTEK









Gödöllő

Dunaújváros

Budapest

Edelmann Group



L PACCOR





Trained talent pool and strona educational institutions Sopron

Dual education system built on



15,000

Total number of students in higher education

5,093

chemical industry

2,856

packaging industry

Did you know?



tons/year

/eszprém

The biggest carbon fibre manufacturing facility in Europe can be found in Hungary.

Debrecen



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Ilona Texidor-Radvány Head of Department **Investment Promotion** Industrial Products and Food Industry ilona.radvany@hipa.hu www.hipa.hu







Major BSC Locations (population – greater area / employees in BSCs)







of students (Tertiary level 2019/20)



52,860 economics, accounting, management studies



21,870 IT related studies



8,100 language studies



Languages served by BSCs 40+



Ratio of foreign citizens among employees 15%

(2020)



(2020)**Voluntary**

Source: HIPA Survey 2020

attrition

12%

Our partners in stepping into the future











DIAGEO

E%onMobil









Morgan Stanley

MSCI 🛞



NOKIA







TATA CONSULTANCY SERVICES

ThermoFisher

TESCO



#employerbranding #recruitment #jobfairs #SSCcourses #BSCcareer #trainings #meetups #opendays #gamification #socialmedia



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Hungary is pioneering the new era of mobility

e-mobility & autonomous driving



- Copper foil
 Aluminium jack
- Separator films Electrolyte
- Recycling Aluminium anode foil
- Battery modules
 Battery cells
- Components for electric drivetrain systems
- E-engine
 Semiconductors
- Modules for inverters
 Electric drives
- · High-tech electronics products
- ADAS AI V2V V2X
- Public road testing





Autonomous & electric vehicle

test environment with classic dynamic elements



5G high speed mobile network & high speed

CAV testing



AV road tests supported by the local legislation

Our partners in stepping into the future







©ntinental**⅓**

DENSO















SCHAEFFLER







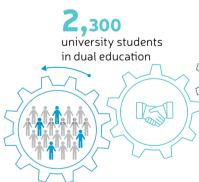






Automotive related studies driving the industry

52,000/285,000 students in automotive related tertiary education



25

40,000/145,000 students in practice-based automotive related vocational education

Did you know?



In response to the new trends, the following courses have been launched Autonomous Vehicle Control MSc + Autonomous Vehicle Programming MSc (in English) in Budapest.

universities locations

hipa

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Martina Almási Head of Department, Automotive Industry martina.almasi@hipa.hu www.hipa.hu



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 Electric drives
- · High-tech electronics products
- ADAS AI V2V V2X
- Public road testing





Autonomous & electric vehicle

test environment with classic dynamic elements



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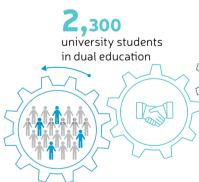






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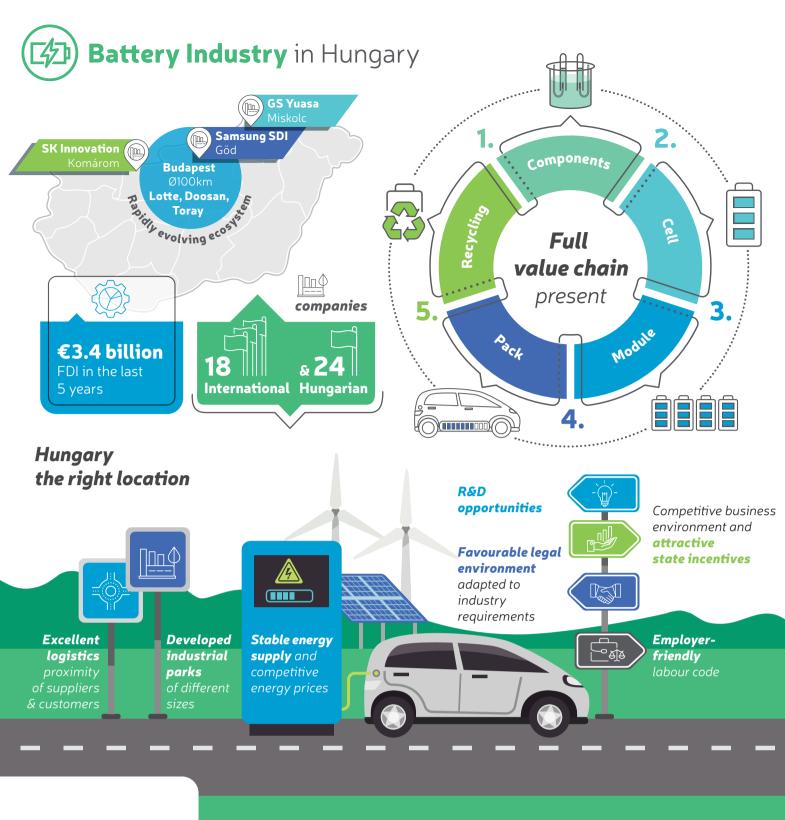
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Our partners in stepping into the future



Dongwha • Electrolyte





INZI





SAMSUNG SDI



\$ SHINHEUNG



*soul*brain



TORAY

Battery related studies propelling the industry



25 universities in 42 locations 43,000/285,000 students in battery industry related tertiary education

2,300 university students in dual education

40,000/145,000 students in practice-based battery industry related vocational education

Did you know?



Hungary has implemented a flexible curriculum for vocational education, allowing to incorporate business specific content in one academic year.



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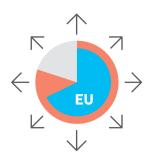
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Deputy CEO HIPA marton.szabo@hipa.hu www.hipa.hu





over 80%

to EU countries

Nr. in the region Largest exporter

of medicinal & pharma products in the region

of total export



Nr. in the region Medical technology & pharma industry together amount to over

of the total manufacturing value added



~40,000 employees



Hungarian medtech instruments are available on every continent including the Antarctica

Main export products — Focus areas



demands **new disease preventive, diagnostic and curative equipment.** Hungary is also



100 years of innovation in Hungary

> Philips established X-ray factory and also domestic manufacturers produced medical devices

Medical Aids Factory played significant role in patient's rehabilitation Large number of new SMEs and world companies settle down

10% of all medtech enterprises are engaged in export-driven, advanced manufacturing

1910s

1920-'30s

1940s

1960s

1980s

1990s

2000s

2020s

Industrial scale manufacturing of X-ray machines

Medicor Művek with 14,000 employees, prepared 450 types of equipment becoming the 3rd largest medtech company globally

FEMTONÎC:

Hungary became the "medtech specialist" in CEE

Innovative startups enter the market

Our partners in stepping into the future



















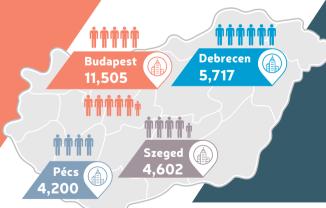


R&D concentrated around 4 major cities with medical universities

Knowledge & Research centres

Budapest

Number of university students



Szeged

- University of Szeged, Institute of Informatics, Department of Image Processing and Computing Graphics
- GE Healthcare's R&D Centre Pécs
- University of Pécs, János Szentágothai Research Centre
- University of Debrecen, Medical and Health Science Centre

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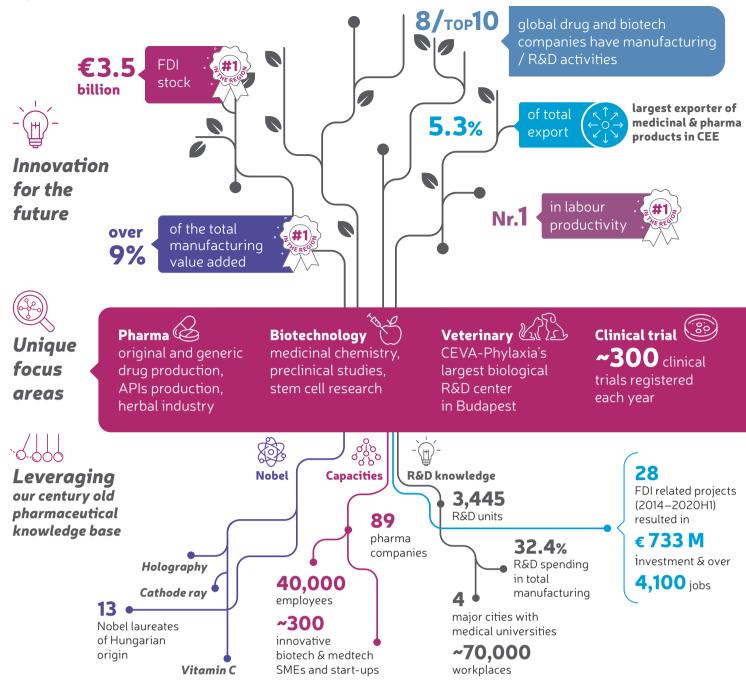


Márton Szabó Deputy CEO HIPA marton.szabo@hipa.hu www.hipa.hu





Life Sciences in Hungary



Our partners in stepping into the future

BÉRES







Goodwill







GEDEON RICHTER











Strong talent pool of life sciences students







27,274 » 3,100 students





13,143

3,900

Chemical engineering and processes

2,830

and related sciencies



1,518

1,193

Medicine Biology Pharmacy Veterinary

Medical diagnostic and treatment technology

Chemistry



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Contact us Márton Szabó

Deputy CEO **HIPA** marton.szabo@hipa.hu www.hipa.hu

>1.7 M tons **#3** in EU









Export oriented subsectors



€6.06 billion total export value



ullet 1.11 billion surplus in trade balance

€10.9 billion of production value

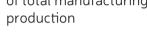
10.8% of total manufacturing

~100 large

200+ mid-sized

140,000+

employees (2020 Q2)









Automation of the production



International quality and safety standards



Halal, kosher, "free from", vegan and bio products



Advanced packaging Source: Eurostat&HCSO, 2019

Our partners in stepping into the future



Bonafarm[®]

BÜNGE







Givaudan

GLENCORE

⁷HEINEKEN















Significant investment and reinvestment results (2014-2020H1)



>40



total investment >€] billion



6,000 new workplaces



of already settled companies

projects were genuine reinvestments



investments in meat processing and preserving activities





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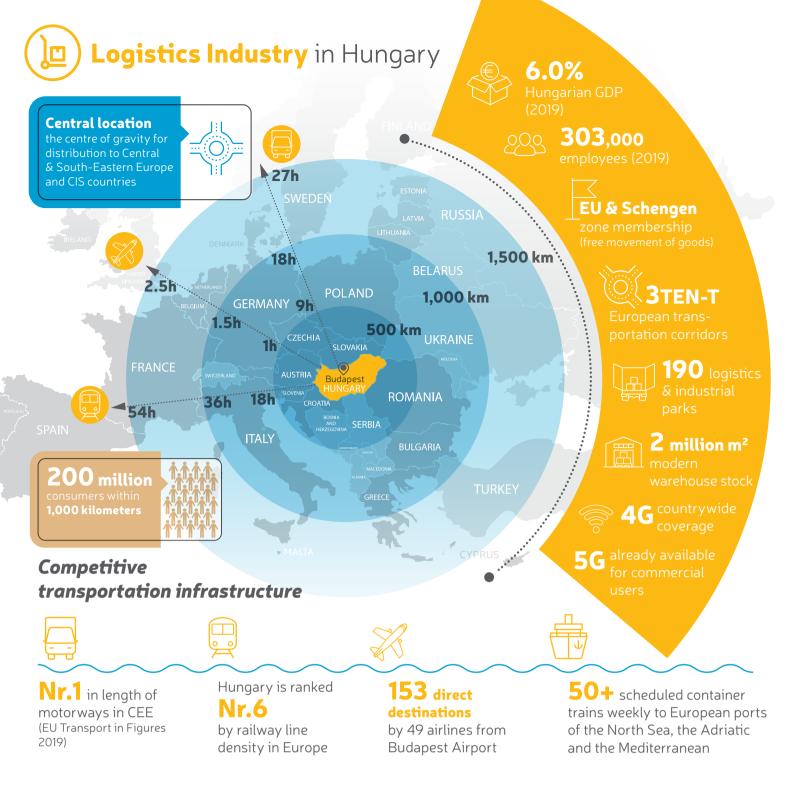
Contact us

Ilona Texidor-Radvány Head of Department **Investment Promotion** Industrial Products and Food Industry ilona.radvany@hipa.hu www.hipa.hu









Our partners in stepping into the future **Top 10 distribution centres (Company /** nr. of countries served)

















ORIFLAME SANOFI Schneider

23

15

50

14

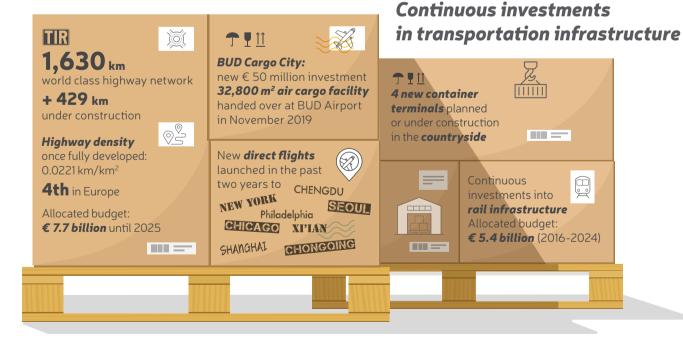
15

14

12

17

21





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Zoltán Kozlovszky Senior Consultant Investment Promotions Logistics & distribution centres zoltan.kozlovszky@hipa.hu www.hipa.hu

INVEST IN

















200

Population **9,769,526**

(2020, HCSO)



Capital (population)

Budapest (1,750,216) (2020, HCSO)



Currency Forint (HUF)

(-0-)

Form of

Government

Republic

Parliamentary

Time zone **GMT + 1hour**

93,023 km²

Membership in international organisations **EU, UN, OECD, WTO, NATO, IMF, EC** EU member since 2004



Key figures



Inward FDI stock **61%** (of GDP) (2019, MNB)



€ 225,808 M

(2019, HCSO)



€ 23,110

(2019, HCSO)



4.6%

(2019, HCSO)

(2019, 17



Inflation

3.4%

(2019, HCSO)



Average gross earning

€ 1,131

(of full-time employees) (2019, HCSO)



Budget balance

-2.1%

(% of GDP) (2019, HCSO)



Business friendly environment

Hungary has been continuously improving its taxation system.



Social contribution tax

15.5%

(As of 1 July 2020)



Foreign trade focus

based on 3 main pillars FDI focus through HIPA

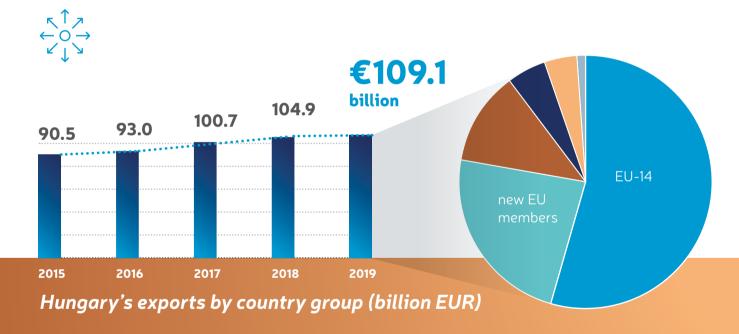
hipa

Export promotion by HEPA

₩ HEPA

Effective financing and insurance facilities by EXIM

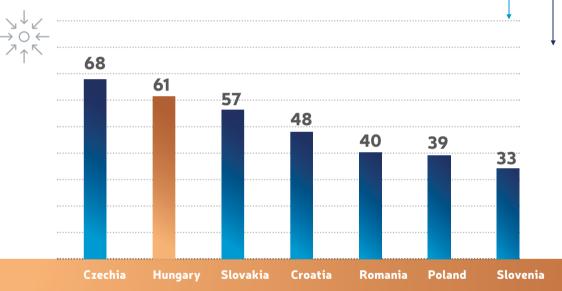






Continuously increasing **FDI** inflow **since 2015**





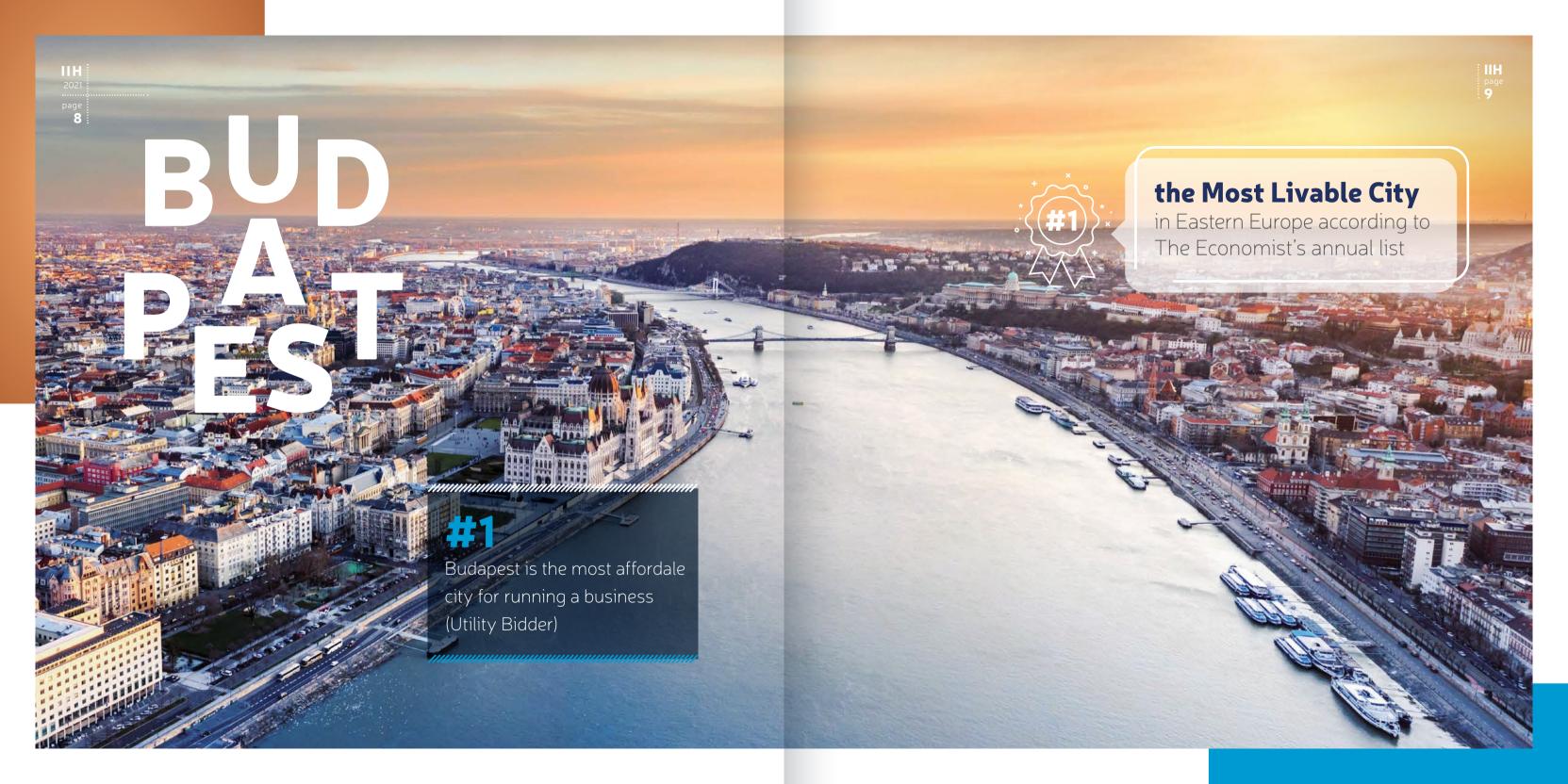
Inward FDI stock in 2019 (% of GDP)



extensive network of diplomats

promoting Hungary's foreign trade relations representations

countries



Outstanding Page Infrastructure





EU and Schengen

zone membership (free movement of goods)



50+

scheduled container trains weekly to European ports of the North Sea. the Adriatic and the Mediterranean



5G already available for commercial users



Direct flights to

153

destinations by 49 airlines from Budapest Airport



Nr. 1

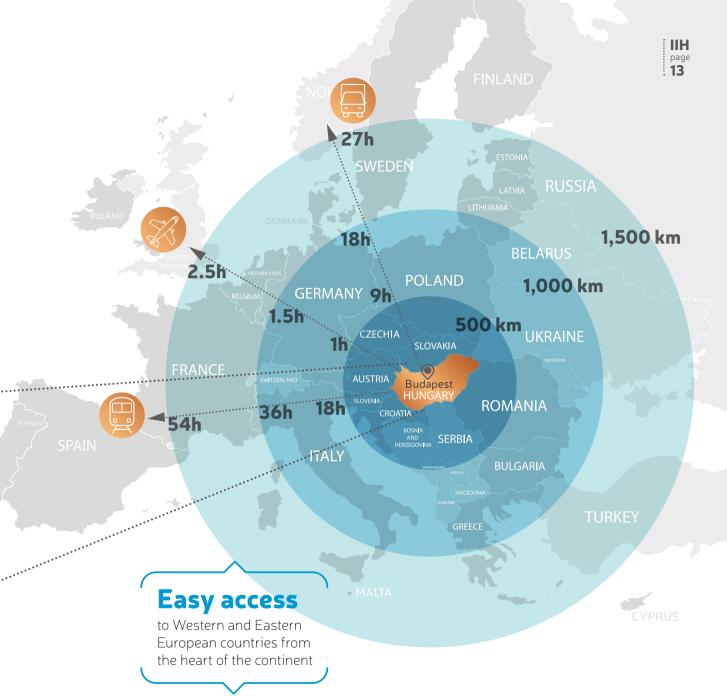
in length of motorways in CEE (EU Transport in Figures 2019)



Nr.6

in railway line density in Europe









Hungarian

Page
Promotion

Agency



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1.

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2.

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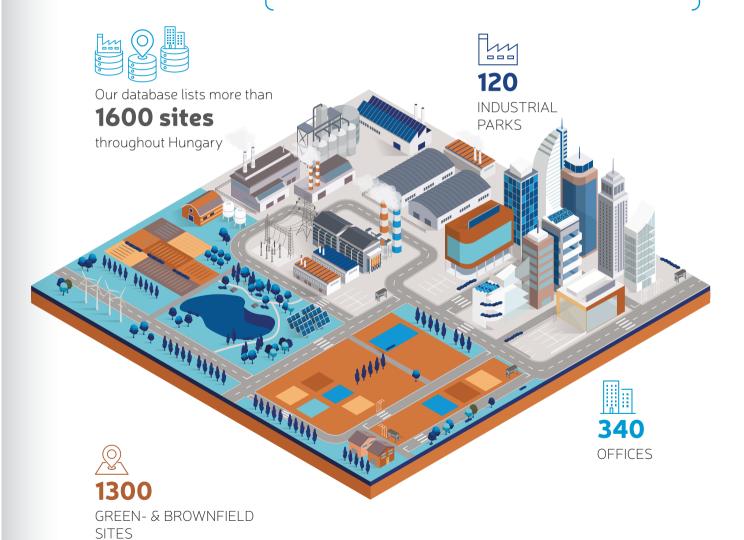


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HIPA operates an internal database of investment sites in Hungary. The Investment Sites Database simplifies the task of matching investors' needs to potential locations. Searchable by size, location, available infrastructure and incentives.





The quantity, quality and geographical location of suppliers play an increasingly important role

when choosing the location of an investment project.



It is also common in the automotive sector, that the added value by suppliers in the final product is growing increasingly. Therefore, at HIPA, we pay special attention to the supplier-related demands of our investing partners so that Hungarian enterprises can be present in as many numbers as possible in the added value chains of the multinational corporations. We are ready to provide our partners with a complete picture about Hungarian suppliers in a given sector at the earliest stage of the investment project. Later, we support the expansion of the added-value chain of the investor by presenting actual supplier's profiles in Hungary.



For INTEGRATORS



Market information

about the existing supplier ecosystem before the investment decision.



Supplier database

about the companies in Hungary with active connections and references to the manufacturing sector.



For INTEGRATORS & SUPPLIERS



B2B meetings

between integrators and suppliers in order to create business opportunities.



Development trainings

focusing on quality and efficiency in order to help suppliers enter and grow within the added value chain of multinational partners.





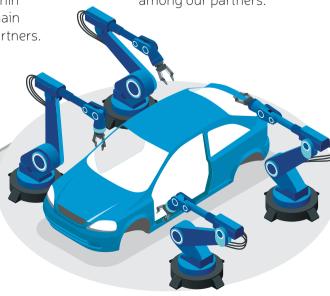
Exhibitions

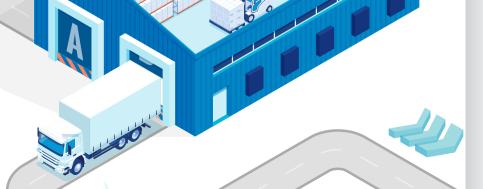
to participate on the biggest international fairs and trade shows.



Supplier Forums

to enhance horizontal and vertical connections among our partners.









responding to the dynamics of the economy



Cash grant



up to **50%** of the training costs of the employees and

up to **73%** of the costs of workshop establishment and development.



R&D&I projects

Cash grant



VIP Cash Subsidy

up to **25%** of the project



Tax benefit

R&D&I tax benefit

up to **100%**

of the direct costs of the projects



investments (Regional Aid)

Cash grant



VIP Cash

Local subsidy grant by municipality (based on the

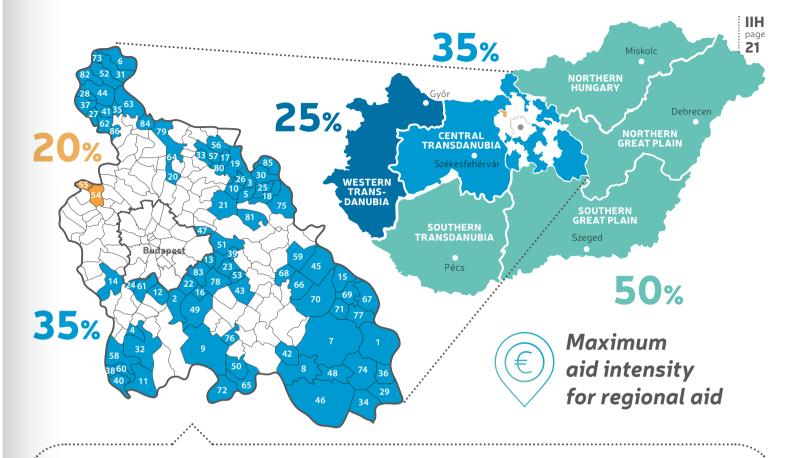


Tax benefit

Development tax benefit

80%

of the CIT payable



CENTRAL HUNGARY

- Abony 2 Alsónémedi
- Aszód Áporka
- Bag
- Bernecebaráti
- 7 Cegléd Csemő
- 9 Dabas
- 10 Domony
- 11 Dömsöd
- 12 Dunaharaszti

- 13 Ecser
- **14** Érd **15** Farmos
- 16 Felsőpakony
- 17 Galgagyörk 18 Galgahévíz
- 19 Galgamácsa **20** Göd 21 Gödöllő
- 22 Gyál 23 Gyömrő
- 24 Halásztelek 25 Hévízgyörk
- 26 Iklad 27 Ipolydamásd

- 28 Ipolytölgyes
- 29 Jászkarajenő
- 31 Kemence
- **34** Kocsér
- 36 Kőröstetétlen
- 37 Letkés 38 Lórév
- **39** Maglód 40 Makád
- **41** Márianosztra **42** Mikebuda

43 Monor

45 Nagykáta

46 Nagykőrös

47 Nagytarcsa

48 Nyársapát

49 Ócsa

- 44 Nagybörzsöny
- 30 Kartal
- 32 Kiskunlacháza 33 Kisnémedi
- **35** Kóspallag **50** Örkény 51 Pécel
 - **52** Perőcsény
 - 53 Péteri
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- **59** Szentmártonkáta **60** Szigetbecse
- 61 Szigetszentmiklós
- 62 Szob **63** Szokolya
- **78** Üllő 64 Sződliget
- **79** Vác **65** Táborfalva 80 Váckisújfalu
 - 81 Valkó

73 Tésa

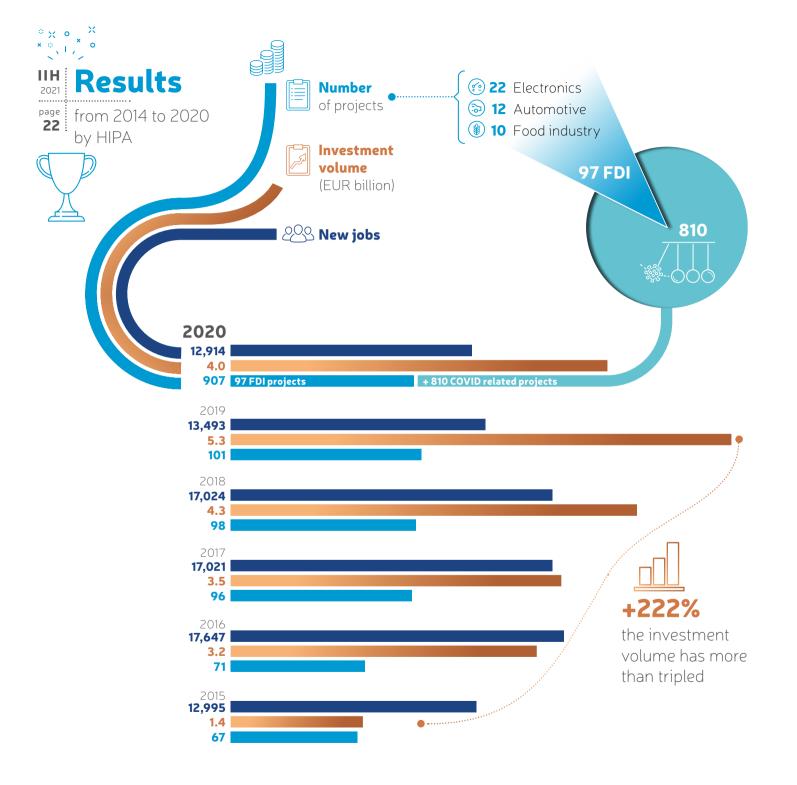
74 Törtel

75 Tura

76 Újhartyán

77 Újszilvás

- 82 Vámosmikola
- 83 Vecsés 84 Verőce
- 85 Verseg
- **86** Zebegény





IIH Investors of the Year

The Hungarian Investment Promotion Agency (HIPA) aims to build a close cooperation with the Hungarian investor community. One important tool with this purpose is our most important event of the year, the annual "Investors of the Year" award ceremony.

> **Investors** of the Year **Award**

Each year, companies executing the most considerable investments of the previous year are being recognized together with a Hungarian supplier and an industrial park.

The awards are presented by Minister of Foreign Affairs and Trade and CEO of HIPA.

