

Plastic based
BOX BUILD ASSEMBLY
within VIDEOTON HOLDING

HUNGARY & BULGARIA

ONE COMPANY – MULTIPLE POSSIBILITIES

—
2025

TECHNOLOGY

STABILITY

SUSTAINABILITY

DYNAMISM

GENERAL INFORMATION ABOUT VIDEOTON

Founded in
1938

Private since
1992

Revenue
(2024)

775 Mill €*

10

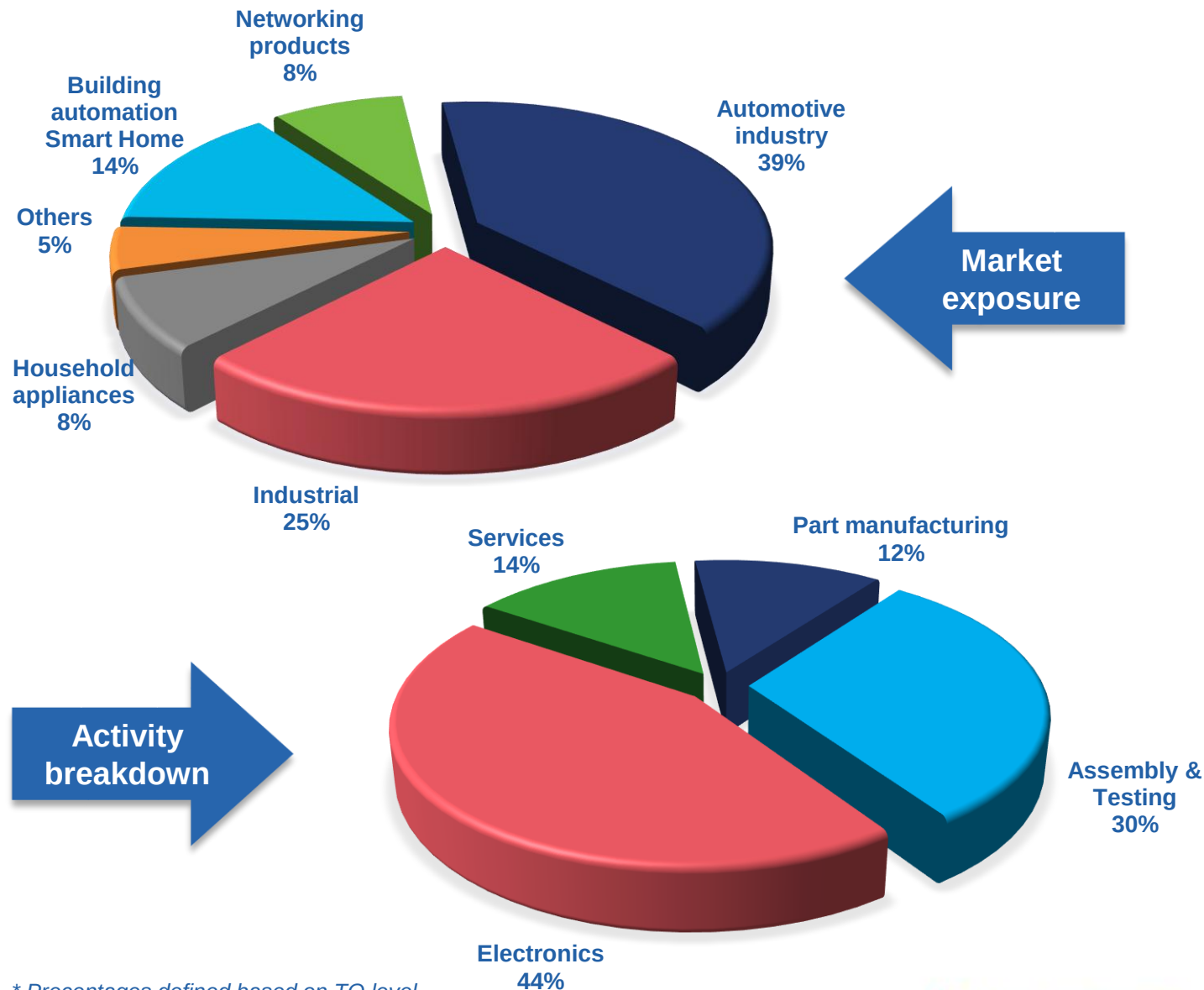
Locations**

8450

Employees

4th

Among EMS
companies
HQ'd in
Europe

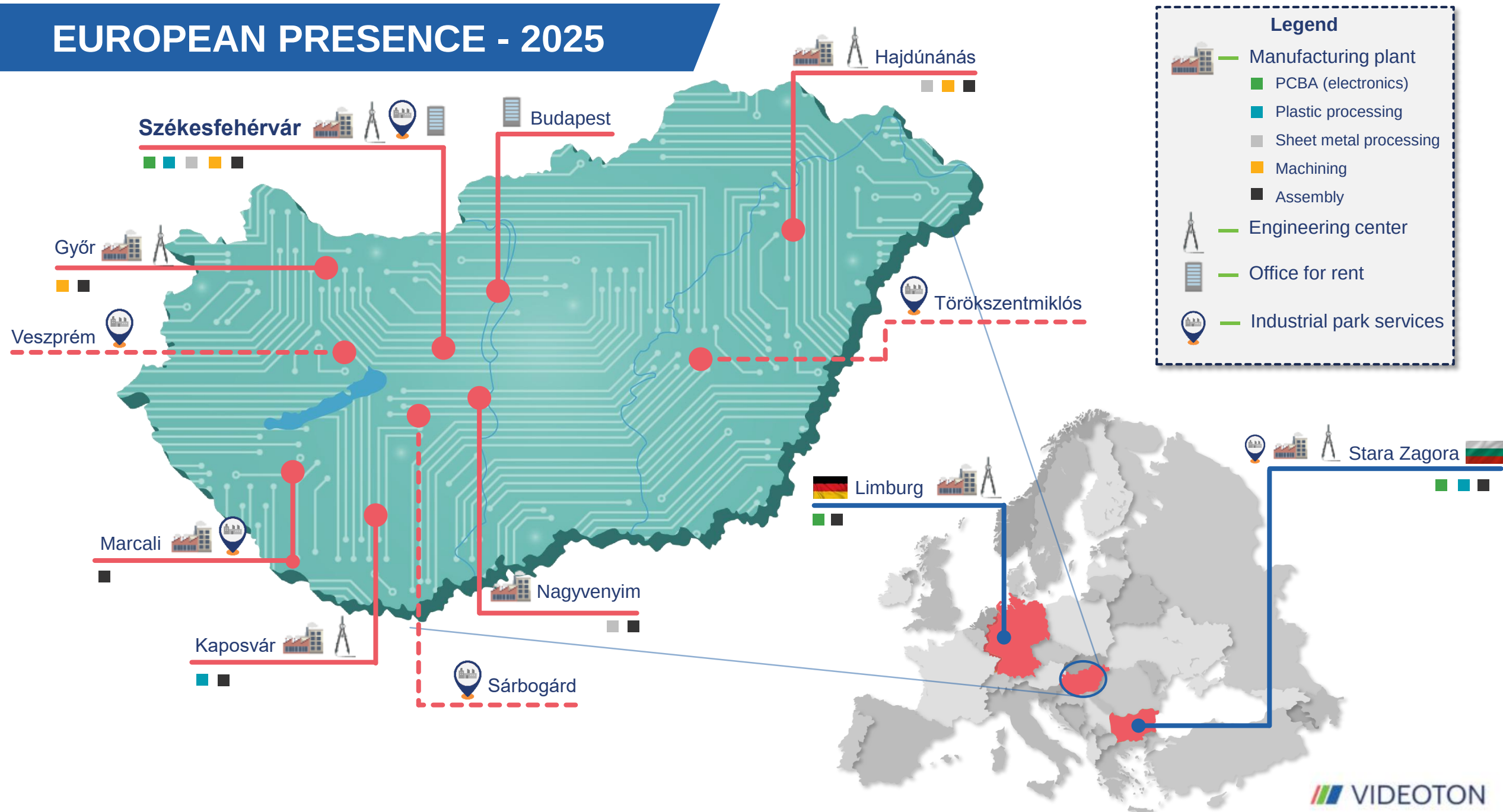


* no debt since 2005

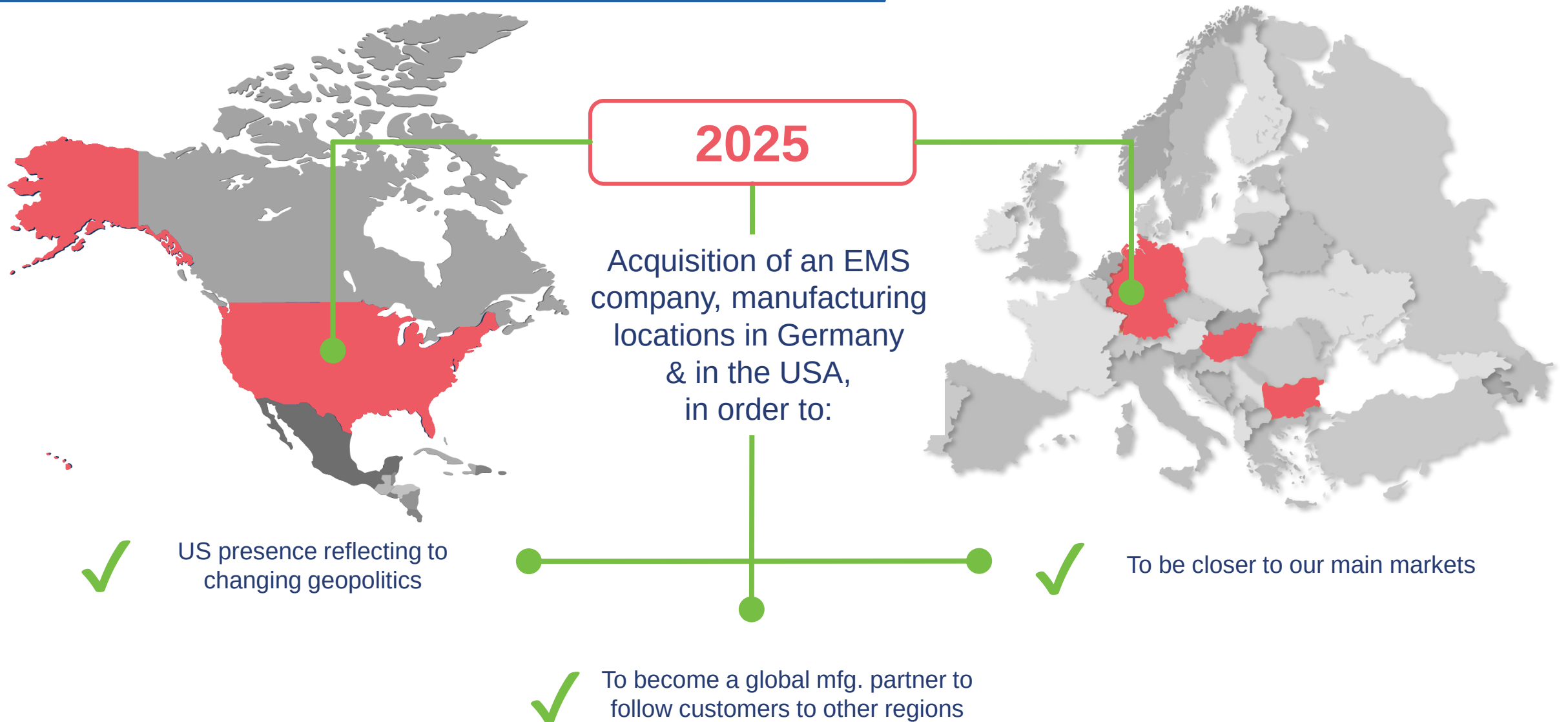
** incl. on-going acquisition

* Percentages defined based on TO level

EUROPEAN PRESENCE - 2025



GLOBAL MANUFACTURING FOOTPRINT



VIDEOTON GROUP

Manufacturing Companies

PCBA & Box build assy.



VT Automotive Electronics
Automotive EMS
Box build assembly



Videoton EAS
Non-automotive EMS
Box build assembly



Videoton EAS Bulgaria
Non-automotive EMS
Box build assembly



Limtronik / Videoton D
Automotive EMS
Non-automotive EMS
Box build assembly



Limtronik / Videoton USA
Automotive EMS
Non-automotive EMS
Box build assembly

Part mfg. & Box build assy.



VT Elektro-PLAST
Assembly & box build,
Plastic inj. moulding,
Battery pack assembly



VT ES
Box build assembly
Enclosure manufacturing
Sheet metal fabrication



VTBH (Bulgaria)
Electromechanical and mechanical
assembly & box build services



VT Mechatronics
High complexity assembly
and machining



VT TIPA
Robotized assembly lines
Testers

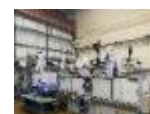


VT ASYST
Robotized assembly lines
Testers

Part mfg. & Heavy duty assy.



VT Plastic
Automotive-focused injection
moulding



VT Bulplast (Bulgaria)
Thermoplast injection and thermoset
injection and compression moulding
Tooling



VT METAL
Medium to high volume machining
Electroplating, KTL



KVJ Muvek
Stamping w/ presses



VENTIFILT
Heavy-duty fans, filters
Large steel fabs



VT Systemtechnics
Shelter / container mfg.

Service Companies



Pannonjob
HR services



Industrial Park
Building lease & services



VT ARtrans
Logistics services



Pannonfacility
Facility management

VIDEOTON HOLDING mainly shared services towards subsidiaries

Finance

Controlling

Property Mgmt

Legal

Business Development

Sourcing

IT

HR

Design & Engineering

CORE TECHNOLOGIES OF VIDEOTON



PCBA & BOX BUILD ASSEMBLY

VT Automotive Electronics, VEAS, VEAS Bulgaria; Limtronik/VT Germany and USA



PART MFG. & BOX BUILD ASSY.

VTEP, VTES, VTBH, TIPA, VT-ASYST, VT Mechatronics



PLASTIC MOULDING

VTEP, VT Plastic, VT Bulplast



SHEET METAL PROCESSING

VTES, KVJ Muvek



MACHINING

VT Metal, VT Mechatronics



OTHERS

VT-Systemtechnics, Ventfilt, Pannonjob, Industrial park, VT ARtrans, Pannonfacility

HISTORY OF KAPOSVÁR | MARCALI | STARA ZAGORA

1970-1997

- establishing the plant
- TUNGSRAM – electron tubes
- Plastic injection moulding (1990)
- MBKE Kft. ('93-'97)

1998

- start of household appliances production

2008

- Marcali acquisition for our battery assembly activities

2017

- automatized battery assembly
- on-line data collection system

1997

- VIDEOTON acquisition
- 1997-2002 battery assembly started in Kaposvár

1999

- Bulgaria plant privatization by Videoton Holding

2013

- establishing clean room production area
- ESD protection area in Marcali

2023

- Videoton Kaposvár supports Bulgaria DZU plant
- Close future cooperation



PRODUCTION SITES

Kaposvár (HU)



35 000 m²

- Plastic part manufacturing
- Box build assembly
- **Engineering**

Marcali (HU)



10 000 m²

- Battery assembly

Stara Zagora (BG)



27 000 m²

- PCB assembly
- Plastic part manufacturing
- Box build assembly

FACTS & FIGURES - HU



Number of employees
Cca. 750



PIM machines
80



Turnover (2024): 132 mill €
Turnover (2025 FC): 140 mill €



Plastic parts / year: 99 mill
Pcs products / year: 38 mill



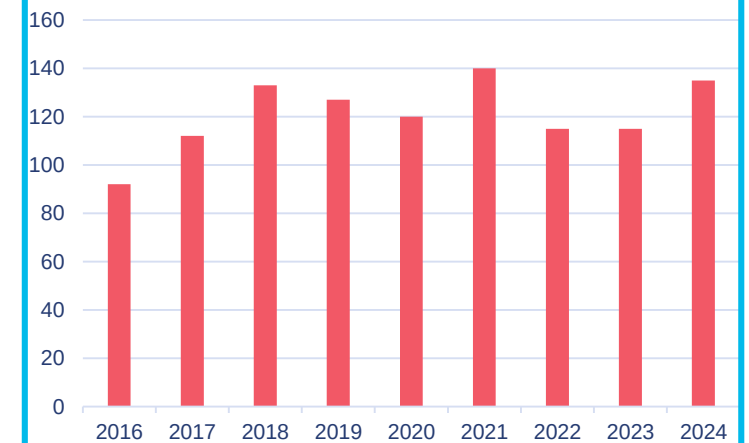
Built in area (Kaposvár&Marcali)
43.500 m²*



Customers
15+

* 5.000 m² immediately available
production area

Turnover / m EUR



FACTS & FIGURES - BG



Number of employees
Cca. 770



PIM machines (TP+TS)
92 (53+39)



Customers
10+



Turnover (2024): 55 mill €
Turnover (2025 FC): 48 mill €



Plastic parts / year: 69 mill
Pcs products / year: 124 mill



**Built in area (VTBH&VT
Bulplast)**
27.000 m²*

* 7.000 m² immediately available
production area

BUSINESS MODELL



HUNGARIAN ADDITIONAL SERVICES



HU+BG SITES TECHNOLOGIES/SERVICES

 VIDEOTON

ENGINEERING SUPPORT IN VT EP



Mechanical development

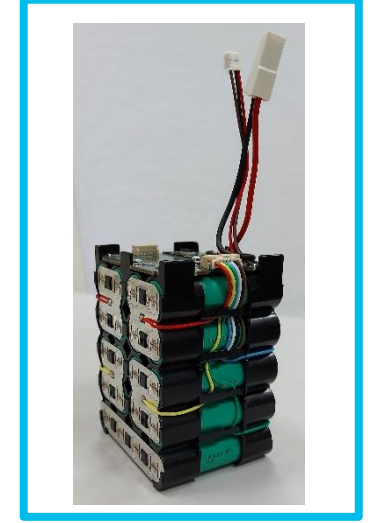
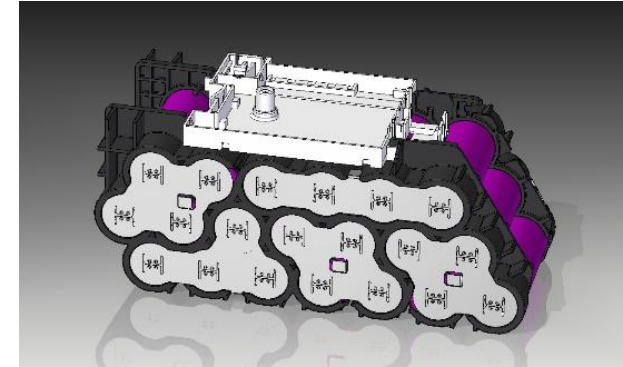
- product development with the customer
- feasibility studies, DFM analysis
- prototyping (Objet30 3D printer)
- tool management, mould flow analysis
- automation: assembly lines, single-purpose machines



Electronic development

DEVELOPMENT PROJECTS IN VT EP

- Jug blender complete design
- Hand blender lid top design
- Multi chopper adapter mechanical design
- Power tool 36V battery pack redesign
- Wheelchair battery pack design and validation
 - PCBA development also included



PLASTIC INJECTION MOULDING



Engineering

- thermoplastic + thermoset injection moulding
- 81+53 pcs TP and 39 TS PIM machines (TS only in Bulgaria), 15-650 t clamp force
- on-line real time data collection and evaluation system



Tooling

- automation, robotized production cells
- tamper printing, hot stamping, laser engraving
- welding technologies (IR, mirror, ultrasonic, friction)



Injection moulding

BOX BUILD ASSEMBLY



Industrialization



Battery assembly



Final product assembly

- mass production and service parts
- customized, personal solutions – production cells to assembly lines
- wide range of complex sub-assemblies / end-products
- assembly, testing, automation, late customizing

BATTERY ASSEMBLY



Play me!



Consumer use



Power tools and
gardening



Automotive industry



E-bike



Industrial usage



Health care



Entertainment
and telecommunication

- resistance & laser welding
- soldering
- potting
- assembling

- screwing
- wire machining
- tamper printing
- ultrasonic welding

- charging
- laser marking
- testing
- wrapping

CERTIFICATES

ISO 9001:2015 (Hungary - Bulgaria)



ISO 14001:2015 (Hungary - Bulgaria)



ISO 13485:2016 (Hungary)



ISO 45001:2018 (Hungary)



AEOF 2014 (Hungary)



ISO 50001:2018 (Hungary)

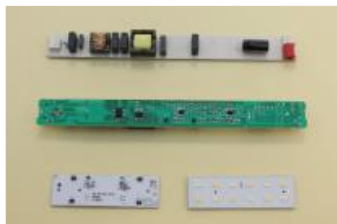
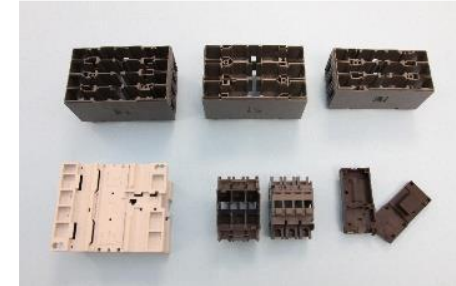
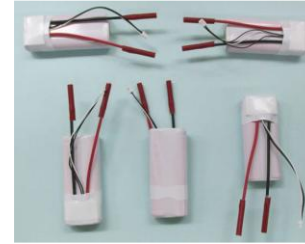


[illegible]

A collage of various rechargeable battery types, including NiMH, NiCd, and Li-ion, in different shapes and sizes, some labeled with brands like Energizer, Duracell, and Panasonic.

[illegible]

* Automotive



HUNGARIAN REFERENCES



Amphenol



HI-LEX



metabo



PHILIPS



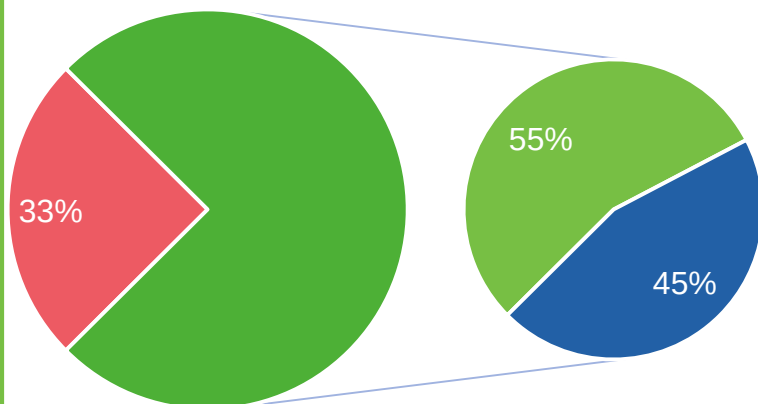
BULGARIAN REFERENCES



CORPORATE SUSTAINABILITY

We are committed to set good examples & reach true impact through our activities.

2/3 of electricity from green sources in 2023



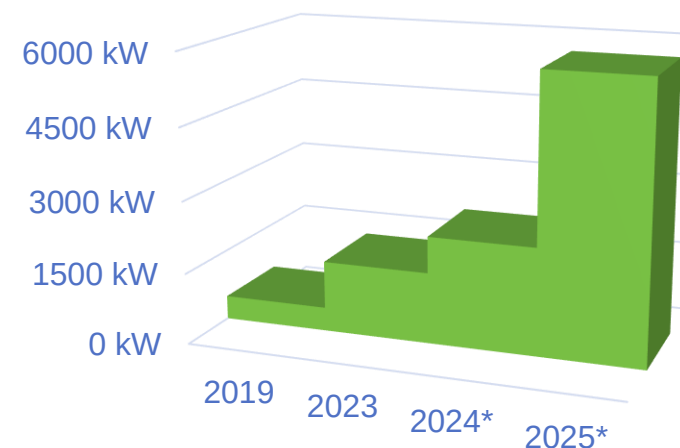
■ renewable ■ low-carbon ■ fossil

Aiming to build up to
75% green energy
by 2026

- ✓ Measuring Scope 1&2 CO₂ emissions for 5 years at group and member company level
- ✓ Link to our ESG roadmap
- ✓ VIDEOTON Group is rated by EcoVadis
- ✓ Possibility of acquiring GO (Guarantee of Origin) certificate for specific projects



Dynamically growing PV production capacity up to 5,5+ MW by 2026



Reaching 10% share of own PV energy by 2026

WHY TO WORK WITH VIDEOTON?



Integrated manufacturing services – „One-stop shop”



Financial stability



Cost-competitive solutions



High flexibility



Customer-oriented focus

ONE PARTNER  **MULTIPLE POSSIBILITIES**

THANK YOU FOR YOUR KIND ATTENTION!

VIDEOTON HOLDING ZRt.

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