



THE AUTOMOTIVE INDUSTRY IN BULGARIA 2023

Self-Driving



BOSCH



VOSS



EGO



10 July 2012
Established in

HANON SYSTEMS

Melexis
INSPIRED ENGINEERING

MD
ELEKTRONIK

Sensata
Technologies

FESTO



75 000 +
Employed in the
industry

WITTE
AUTOMOTIVE

120 years
of experience in innovation



AKWEL

LEONI



8+
Billion euros
turnover (2022)


BHTC
COMFORT IN MOTION



11%
of the country's
GDP



350 +
companies



**BULGARIAN AUTOMOTIVE INDUSTRY
THE NEW BEGINNING 2012**



EUR 0.5 B

Turnover (2012)



9000

Workers



9 of 10

Export

**BULGARIAN
AUTOMOTIVE
INDUSTRY KEY
FIGURES 2012**



30

Companies



1

R&D center



<1%

GDP of the country



2012



EUR 8+ B

Turnover (2022)



75 000+

Workers (2022)



9,9 of 10

Export



350 +

Companies (2022)



36

R&D centers (2022)



11%

GDP of the country
(2022)

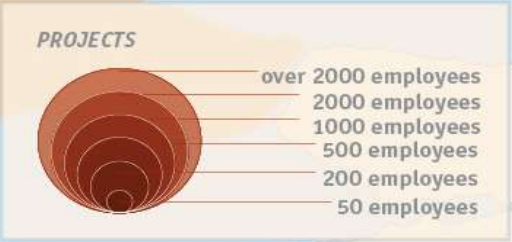
**BULGARIAN
AUTOMOTIVE
INDUSTRY KEY
FIGURES 2022**



2022

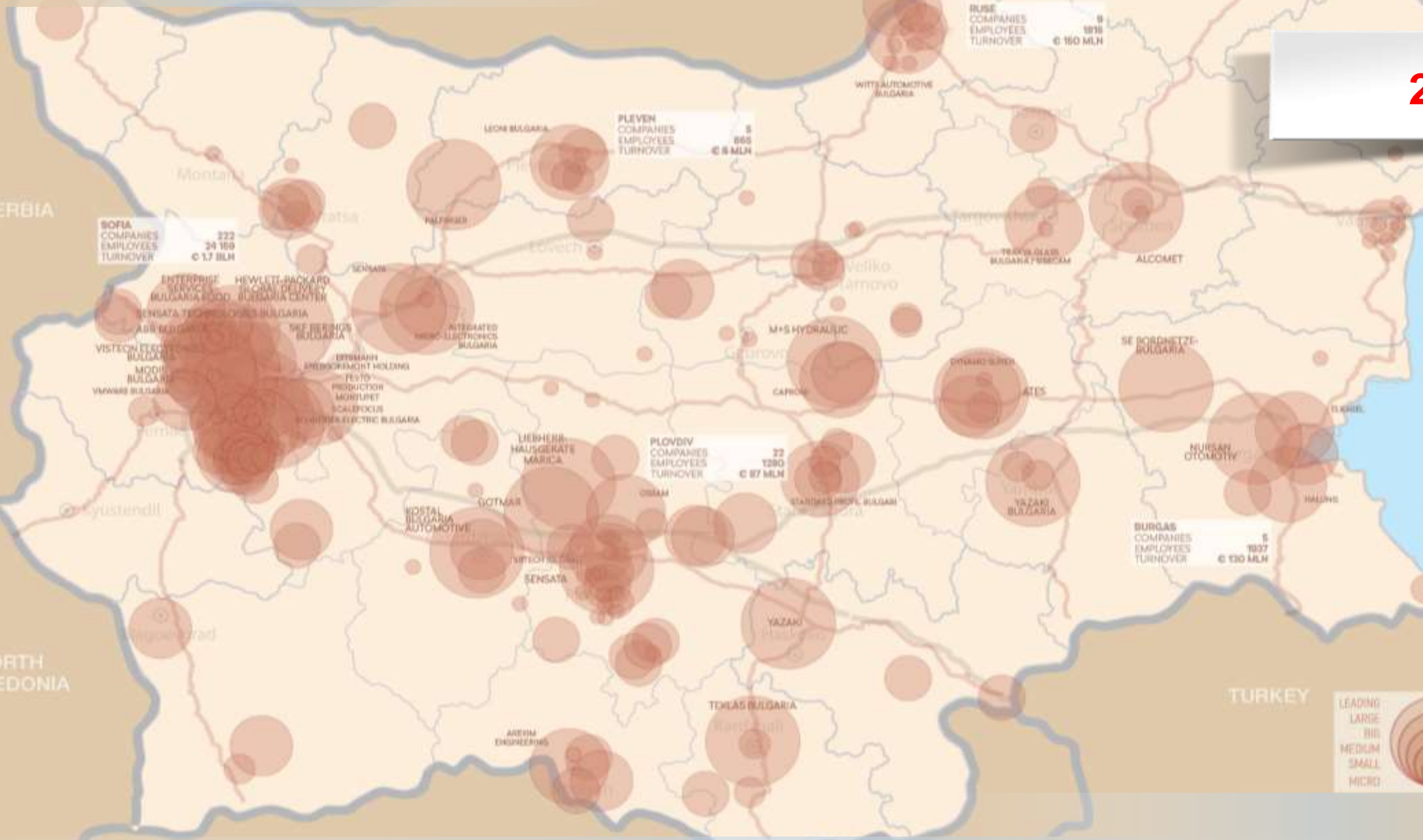
Bulgarian Automotive Map 2000

2000



Bulgarian Automotive Map 2020, per Employees

2022



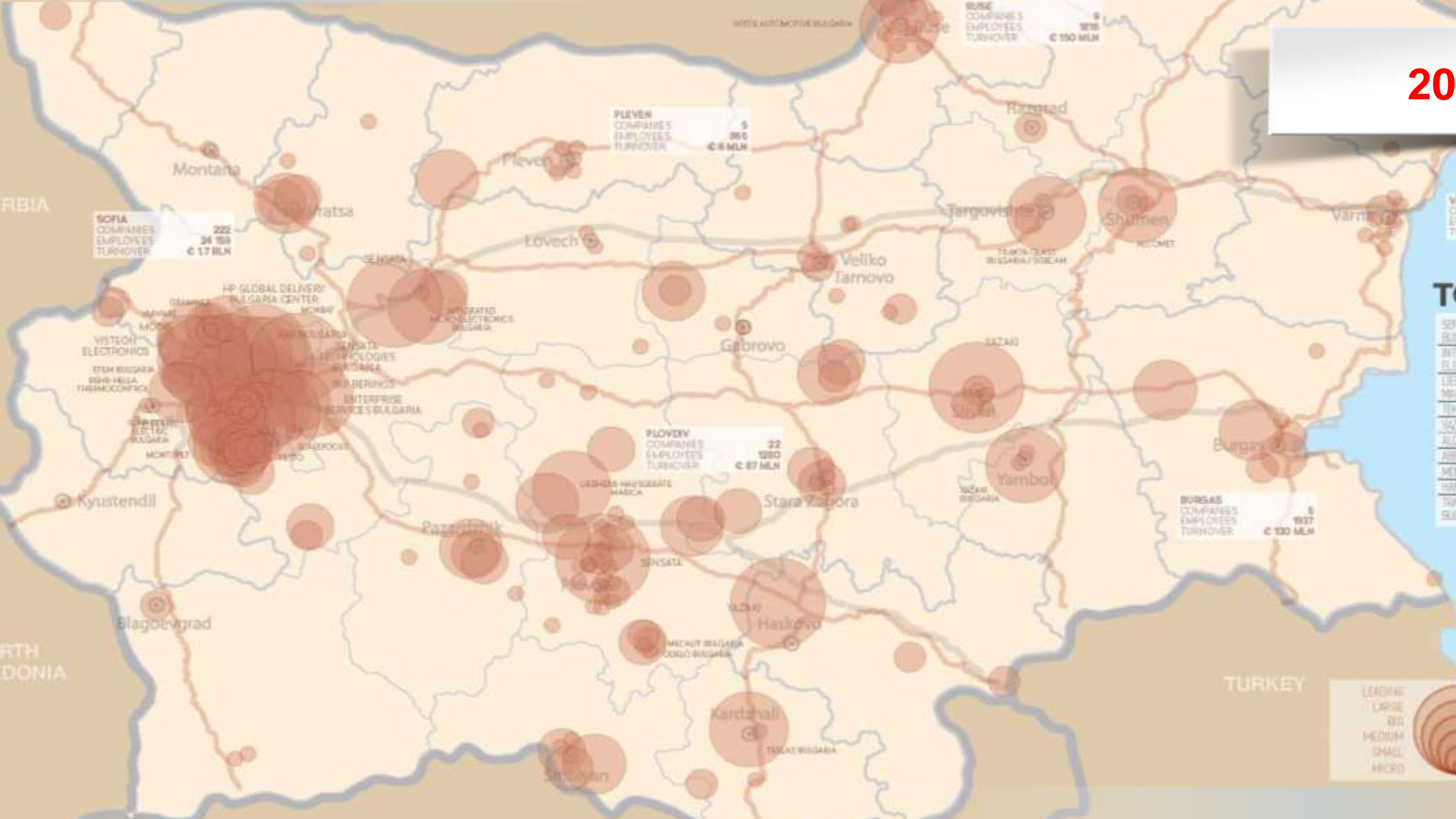
TOP 10

COMPANY	EMPLOYEES
YAZAKI BULGARIA	2 000
SENSATA TECHNOLOGIES BULGARIA	1 458
ENTELHIGH SERVICES BULGARIA	1 141
SE BORGNETZE-BULGARIA	2 883
TEHLAS BULGARIA	2 703
INTEGRATED MICRO ELECTRONICS BULGARIA	2 290
LIEBHERR-HAUSGERATE MARICA	1 921
AVRIL BULGARIA	1 890
KOVALOVA BULGARIA AUTOMOTIVE	1 781
SKF BULGARIA	1 441



Bulgarian Automotive Map 2020, per Turn Over

2022



TOP 10

COMPANY	CITY	MLN €
SENSATA TECHNOLOGIES BULGARIA	SOPIA	233
INTEGRATED MICRO ELECTRONICS BULGARIA	DOBEVTSIYO	227
LEIBERFRIEDRICH HANCOCK	PLANOVO	208
TRAKIA GLASS BULGARIA	KARDZHALI	192
TRAKIA BULGARIA	JAMBOL	191
ALCOMET	SHUMEN	189
ABB BULGARIA	SOPIA	181
MENERT	SOPIA	174
HANCOCK SYSTEMS	STRAZHA	132
TRAKIA GLASS BULGARIA ENGINEERING	TURGOVISHTE	122



NORTH MACEDONIA

TURKEY

GREECE

AUTOMOTIVE FUTURE in BULGARIA

AUTONOMOUS, CONNECTED, ELECTRIC



INSTRUMENT
CAMPUS

e.GO
NEXT e.GO Bulgaria
Factory 2022

Electric Car Factory Project NEXT.e.GO Bulgaria



e.GO

**ELECTRIC
CARS**

1000 Workers

**EXPECTED
OPERATIONAL AFTER
2024:
30 000 CAPACITY**



Electric Car Factory Project NEXT.e.GO Bulgaria



e.GO

**ELECTRIC
CARS**

1000 Workers

**EXPECTED
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2024:
30 000 CAPACITY**



AUTOMOTIVE & AEROSPACE R&D CENTER, Sofia Tech Park

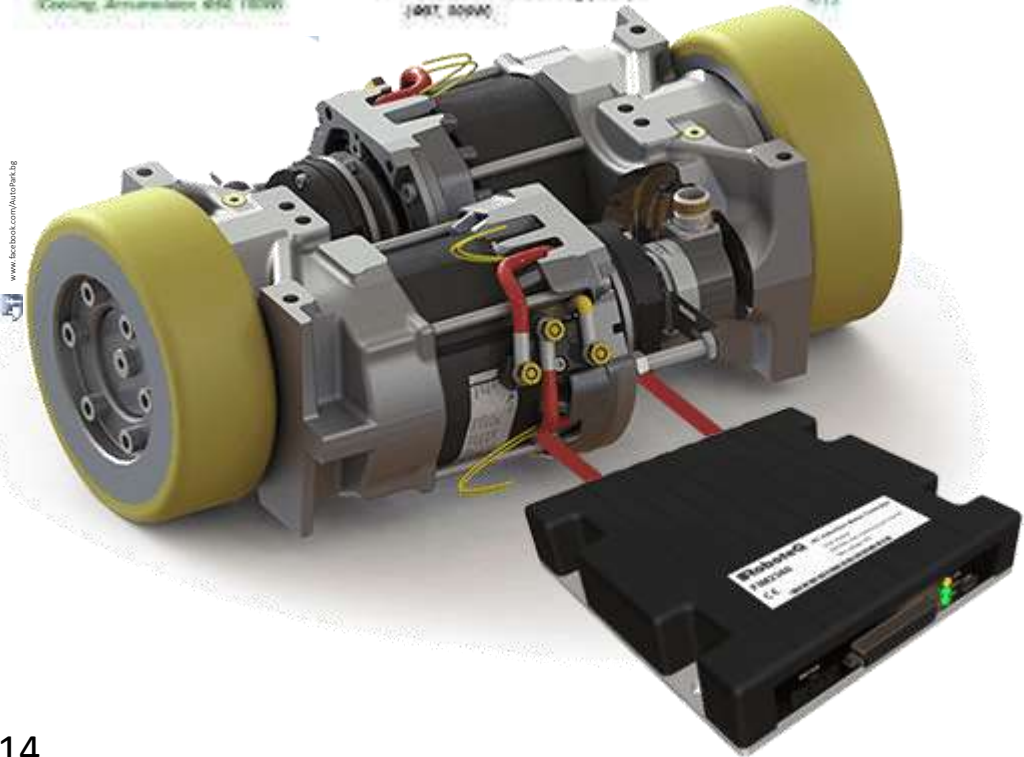


AEO

**ELECTRIC
CARS**

5000 engineers

**R&D center plot size:
21 000 m²
Building Size, GLP:
132 000 m²**



Cars installed with Nidec's Nidec E-Axle as of July 01, 2020



The NI150Ex unit alone has been installed in six models already



① 广汽新能源汽车 (GAC New Energy Automobile) Aion S



② 广汽丰田汽车 (GAC Toyota Motor) Aion S



③ 广汽新能源汽车 (GAC New Energy Automobile) Aion LX



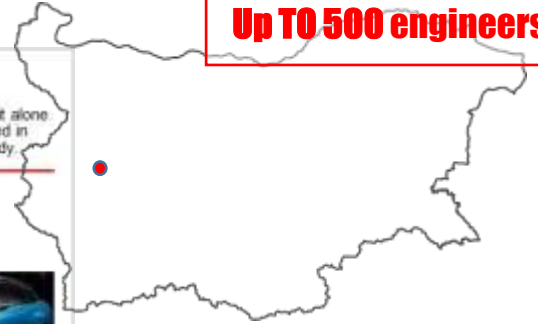
④ 广汽蔚来新能源汽车 (GAC NED New Energy Automobile Technology) HYCAN 007

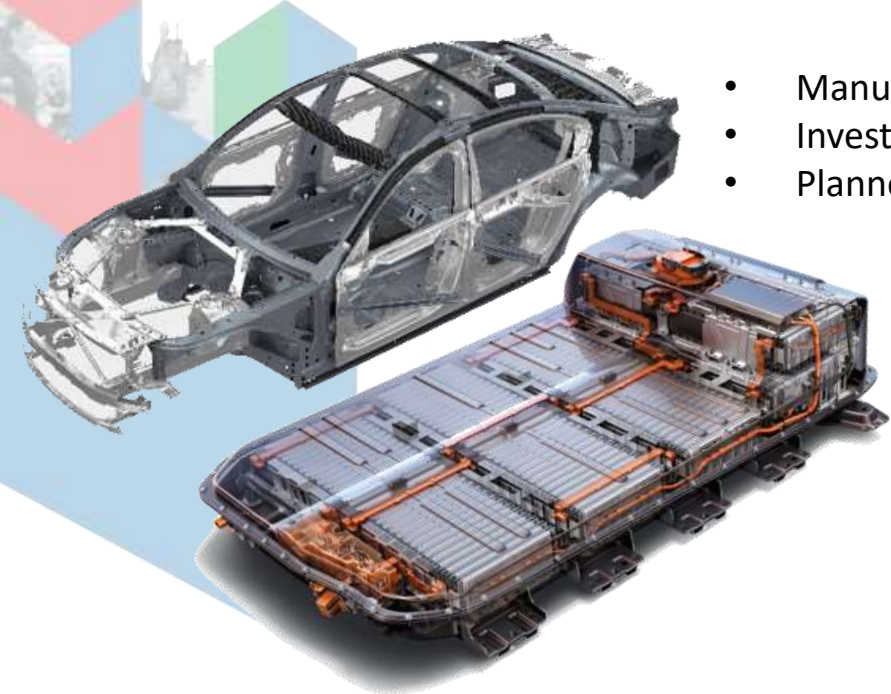


⑤ 吉利汽车 (Geely Automobile) Geometry C



⑥ 广汽新能源汽车 (GAC New Energy Automobile) Aion V





- Manufacturing facility in Sofia
- Investment to expand the factory: 120 mln BGN
- Planned start of production: 2023, over 130 new jobs

ALUMINIUM BATTERY
BOXES
FOR EVs



Gestamp

ETEM

ALUMINIUM
BODYWORK

500+ engineers

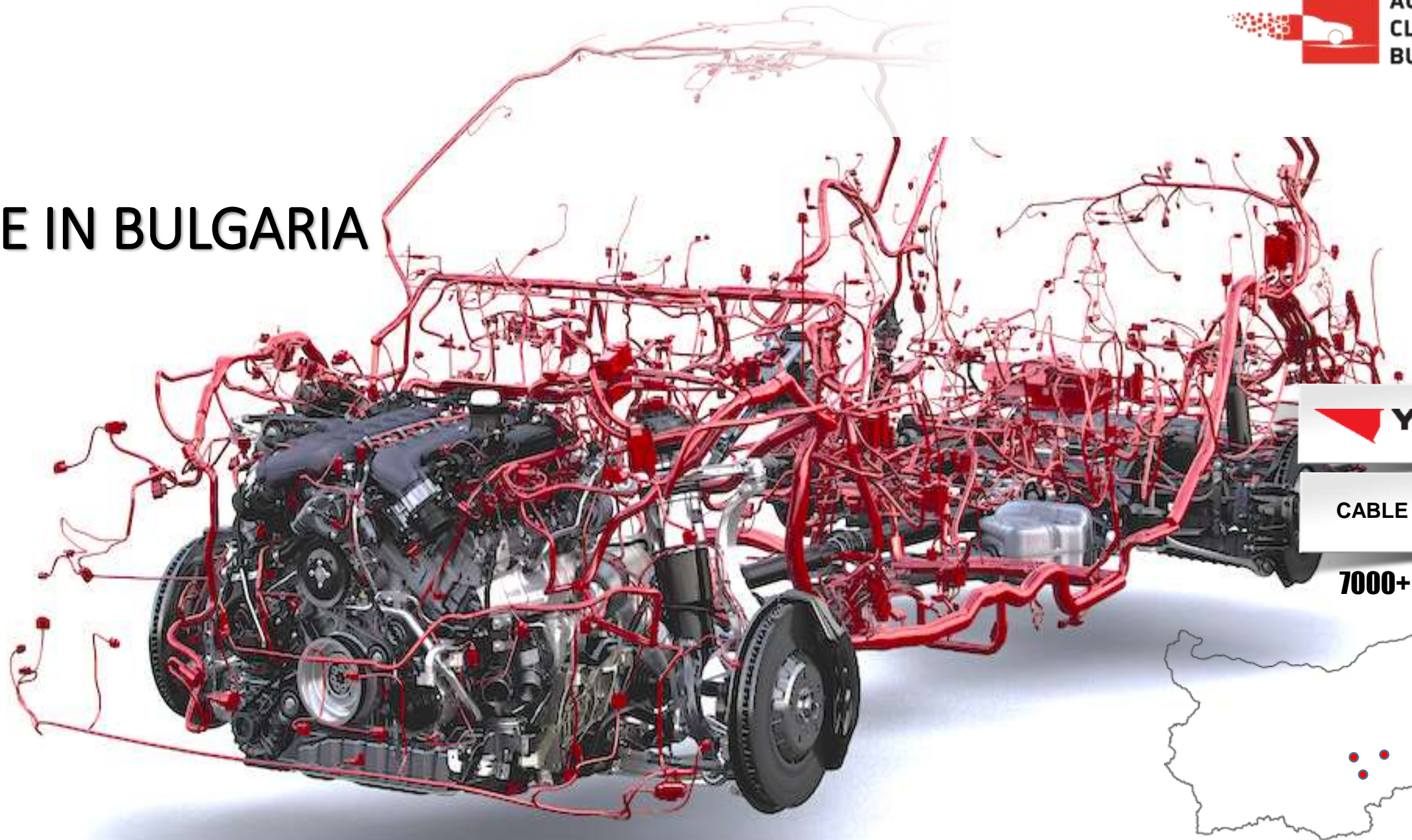
**EXPECTED
DEVELOPMENT BY
2024:
Up TO 600 engineers**



ALUMINIUM
BODYWORK DETAILS



MADE IN BULGARIA



YAZAKI

CABLE HARNESS

7000+ workers





AUTOMOTIVE R&D IN BULGARIA
AUTOMOTIVE SOFTWARE



INNOVATIONS FROM BULGARIA

Visteon

**R&D Center
Infotainment systems
& Operating systems**

1000+ engineers



MBUX - MERCEDES-BENZ



Bosch Engineering Center Sofia – opened in 2019

- Develops innovative technologies for the automotive industry in areas such as driving assistance, automated driving, and electric mobility.
- Aim: to become a hub for the latest automotive software solutions



R&D Center for Autonomous Driving Technologies

700+ engineers



AUDI, MERCEDES-BENZ, VOLVO

www.Automotive.bg



**R&D Center
Infotainment systems
& Operating systems**

250+ engineers

MBition is a fitting name for the young company. To achieve the goal of shaping the future of mobility, one thing above all is essential: Ambition. MBition makes a decisive contribution to this future: Software being developed for their vehicles which is achieved through close cooperation with our colleagues in Sindelfingen and in Mercedes-Benz's worldwide development network. The MBition team currently consists of around 400 software developers and continues to grow exponentially.

**EXPECTED DEVELOPMENT BY 2024:
Up To 500 engineers**



MERCEDES-BENZ

www.Automotive.bg



**AUTOMOTIVE
CLUSTER
BULGARIA**



**R&D Center
Infotainment systems
& Operating systems**

50+ engineers

**EXPECTED
DEVELOPMENT BY
2024:
Up TO 300 engineers**

Turbulence Technology

www.Automotive.bg

BMW i Ventures



BMW i Ventures, a venture capital fund focused on the most innovative and high-performing start-ups in the automotive sector, is the lead investor in the software company AMPECO, which offers platform solutions for charging station operators. In addition to Series A funding totaling \$13 million, the startup has an additional \$3 million in capital from previous seed funding. The funds will be used to increase the capacity of the development and sales staff and to accelerate expansion in North America, as well as in Germany, the UK and France.



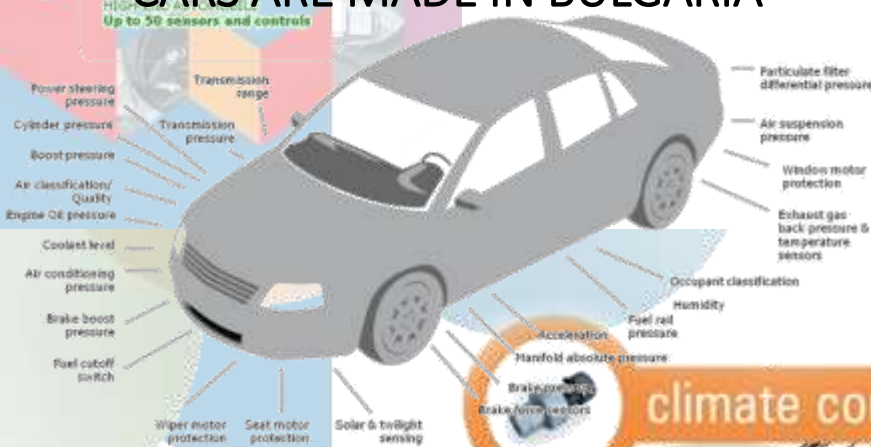
Remote control of charging stations for electric vehicles

50+ engineers

EXPECTED DEVELOPMENT BY 2024: Up TO 200 engineers



80% OF THE SENSORS IN ALL EUROPEAN CARS ARE MADE IN BULGARIA



Facility 1 – Botevgrad;
 Facility 2 – Plovdiv– the second largest for the group

- Investment: 69 mln BGN
- Area: 68 000 sq.m

Laboratory in Sofia – the largest for the group

- Investment: 3 mln USD
- Area: 6000 sq.m

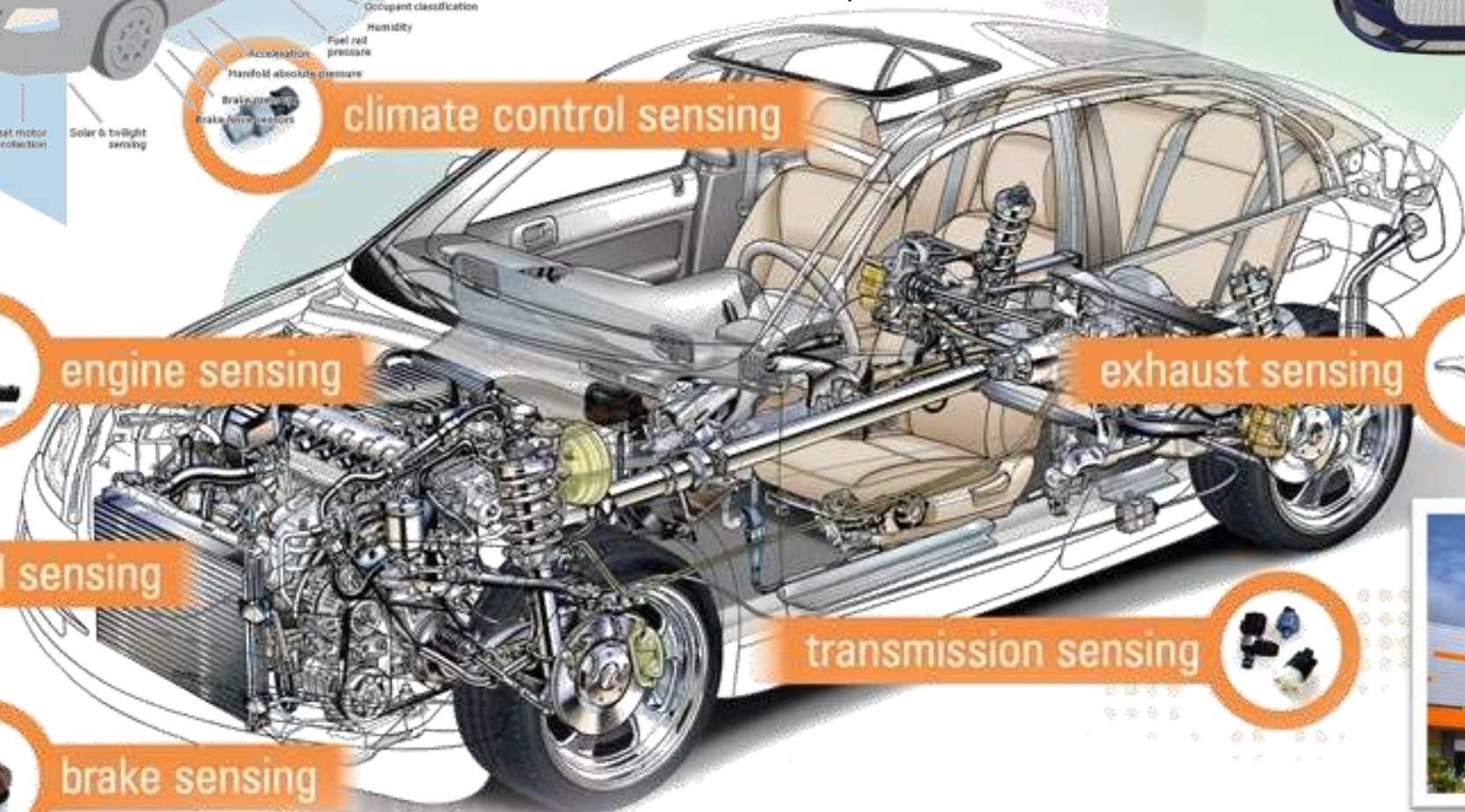


Sensata
Technologies

**AUTOMOTIVE
SENSORS**

500+ engineers

**EXPECTED
DEVELOPMENT BY
2024:
Up TO 800 engineers**



climate control sensing

engine sensing

exhaust sensing

fuel sensing

transmission sensing

brake sensing



INNOVATIONS FROM BULGARIA

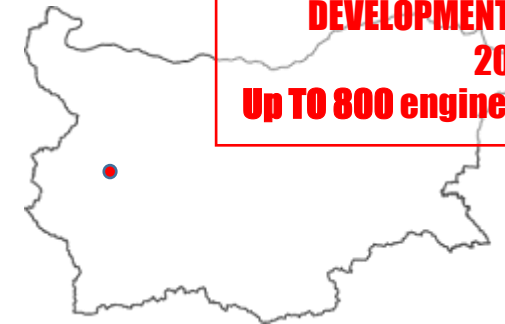


Melexis
INSPIRED. ENGINEERING

ELECTRONIC CHIPS

300+ engineers

**EXPECTED
DEVELOPMENT BY
2024:
Up TO 800 engineers**



75 mln euros invested in a new facility for
production and R&D in Sofia
Area: 15 000 sq.m



INNOVATIONS FROM BULGARIA



FESTO

Industry 4.0 –
Automatization and
sensors

**EXPECTED
DEVELOPMENT BY
2024:
Up TO 1500 engineers**

500+ engineers



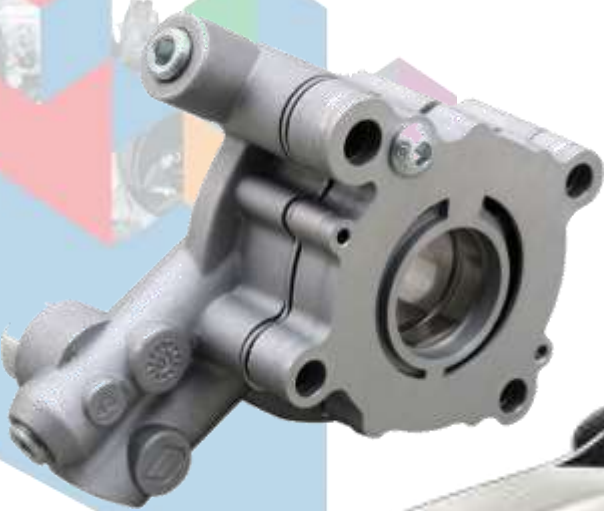
PRODUCTION: AUTOMOTIVE INDUSTRY MADE IN BULGARIA

MADE IN BULGARIA



Oil pumps and power steering pumps

1200+ workers



MERCEDES-BENZ C-CLASS OIL PUMP



MADE IN BULGARIA



KOSTAL

Interior plastic and electrical component

4000+ workers

AUDI A8

www.Automotive.bg

MADE IN BULGARIA



BHTC

Air Conditioning

1500+ workers

Porsche, Volkswagen, BMW



MADE IN BULGARIA




STANDARD PROFIL

COMPLETE SEALING

2500+ workers

Thank You



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