

MOBILITY INDUSTRY IN TÜRKİYE 2025



INVEST IN TURKİYE

ASSIST YOU BEFORE, DURING AND AFTER YOUR ENTRY INTO TÜRKİYE





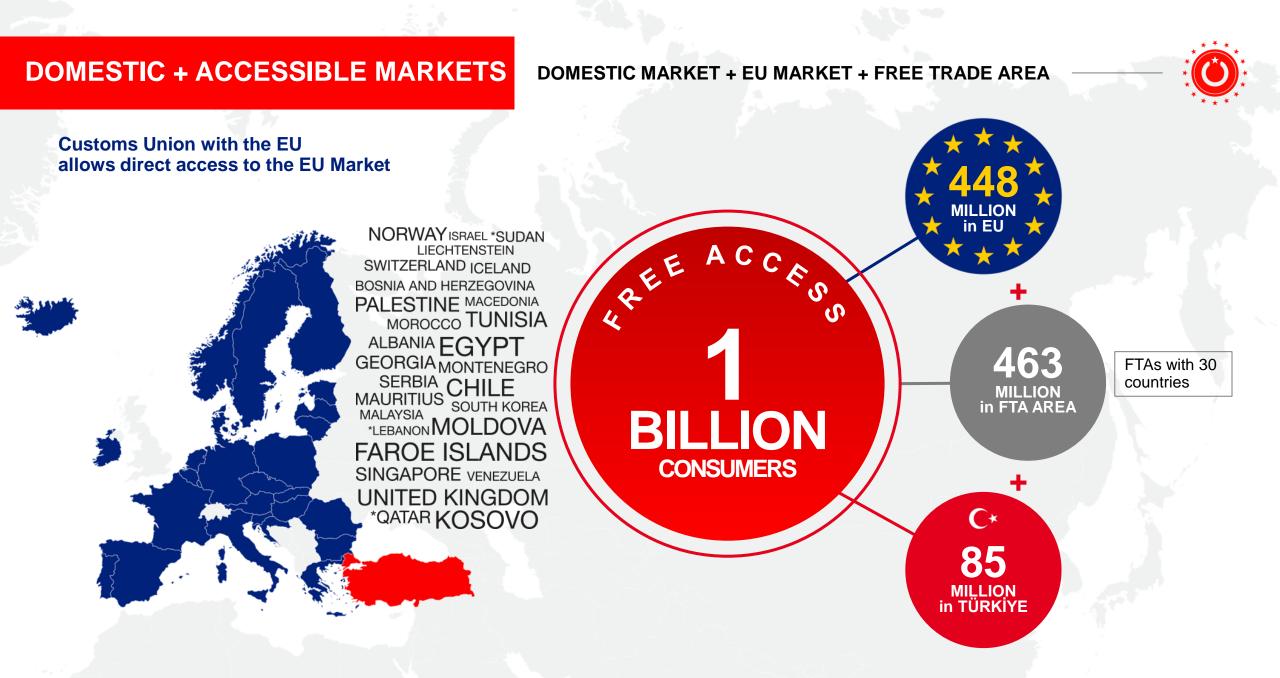
AGENDA

1 - INVESTMENT ENVIRONMENT IN TURKİYE

- 2 AUTOMOTIVE INDUSTRY IN TURKİYE
- **3 E-MOBILITY ECOSYSTEM IN TURKİYE**





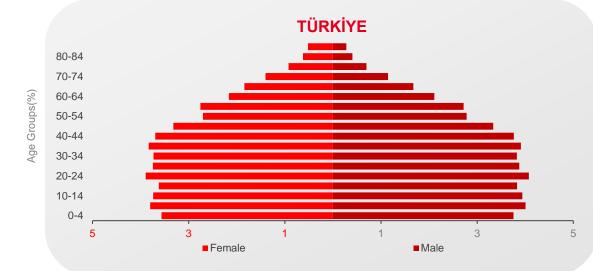


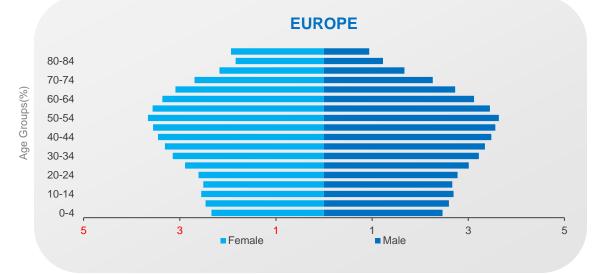
HUB FOR MULTINATIONALS TO STRATEGIC LOCATION MANUFACTURE, EXPORT AND MANAGE **Working Hours** PROXIMITY Intersect with TO MAJOR MARKETS 1.3 billion people and CONNECTIVITY **MANUFACTURING &** AS WELL AS \$26T GDP in Europe, **Turkish Airlines connects** MANAGEMENT HUB FOR **EXPORT HUB FOR** you to 340 destinations in **MENA and Central Asia MULTINATIONALS 16 Time Zones MULTINATIONALS** at 4 hour flight-distance 129 countries B/S/H/ **Nestlé** BOSS Cargill **Microsoft GE Healthcare** 66 countries 70 countries Production base Its largest production 89 countries 22 countries facility worldwide for MENA **KNAUF ΦΤΟΥΟΤΑ** gsk SANOFI - Exporting 87% Exporting 85% 80 countries 14 countries 30 countries of its production of its production

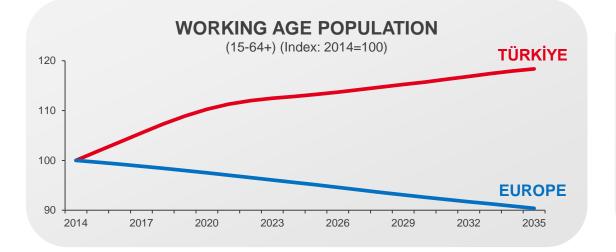
FAVORABLE DEMOGRAPHICS

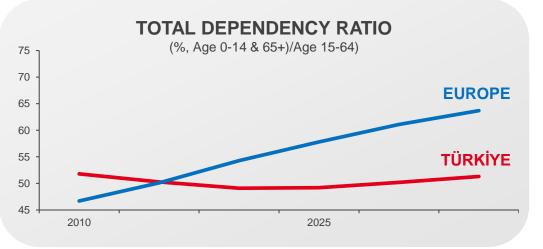
HALF OF POPULATION UNDER AGE OF 32.7 CREATING DYNAMIC LABOR FORCE AND FISCAL DISCIPLINE







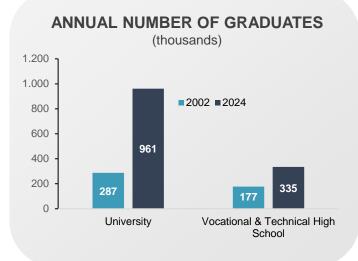




SKILLED AND COMPETITIVE LABOR FORCE

UPGRADED EDUCATION SYSTEM TO ENABLE A SKILLED LABOR POOL AND ADDRESS BUSINESS REQUIREMENTS

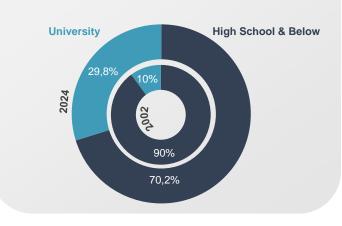


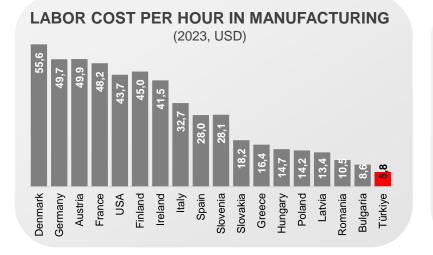


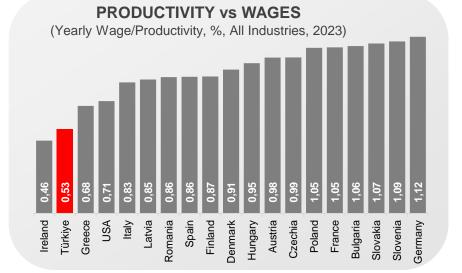
(10=Available; 0=Unavailable) 7 ■ 2023 ■ 2024 6 6,16 6,04 5 5,29 5,16 5.2 4,74 4 4,44 4.54 3,65 3 3,43 3,36 3,35 3,12 3,51 3,37 3,2 2 1 0 Poland Romania Slovakia Türkiye Czechia South Africa Brazil Hungary Bulgaria

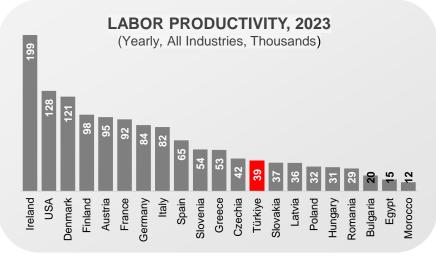
AVAILABILITY OF SKILLED LABOR FORCE,













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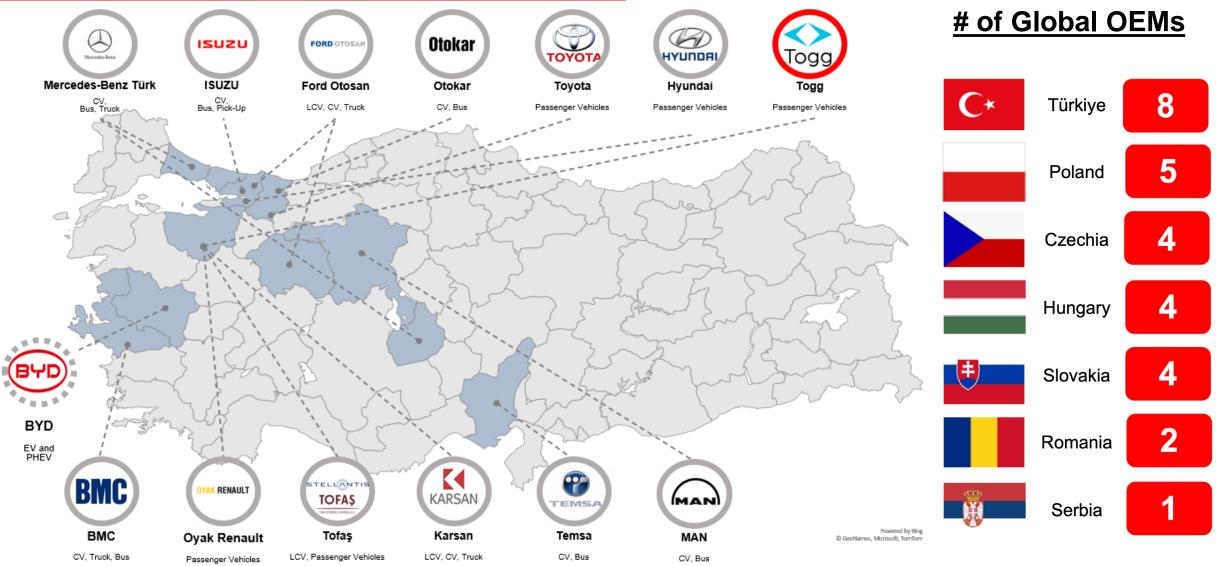




PRESENCE OF GLOBAL OEMs IN TURKIYE

13 OEMs. 8 of THEM ARE MULTINATIONALS



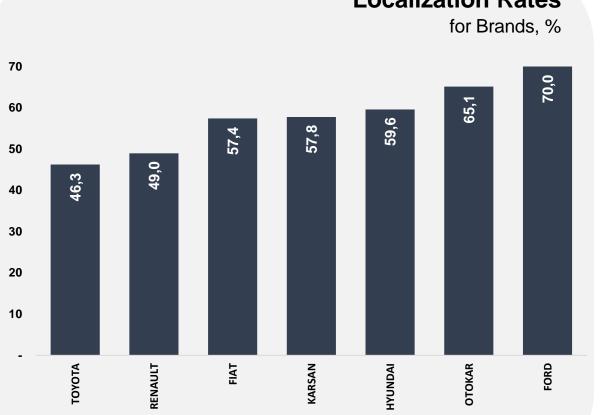




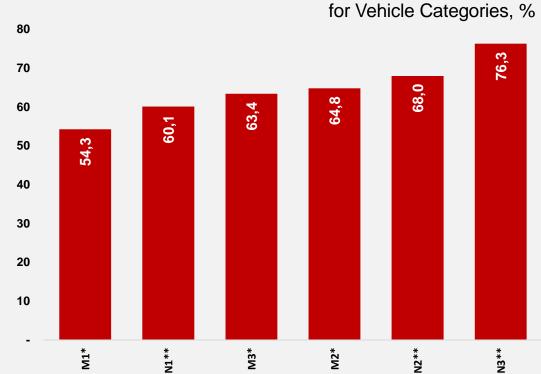
HIGH LOCAL CONTRIBUTION RATES

LOCAL MANUFACTURERS' LOCALISATION **RATE IS WELL ABOVE THE 50%**





Localization Rates



Localization Rates

Source: Ministry of Industry and Technology

* "M1: Passenger Car", "M2: Minibus", "M3: Bus"; ** N1< 3.5 tons< N2< 12 tons< N3

Million 31,3

#2 in Europe in LCV

#3 in Europe

#12 in the World

25

World Automotive Production, 2024

10,6

8.2

6.0

4,2

4.1

4,1

5

10

15

20

2.5

2,4

1.5



35

30

LEADER OF THE REGION IN AUTOMOTIVE ONE OF THE MOST IMPORTANT AUTOMOTIVE MANUFACTURER IN EU & IN THE WORLD

China (1)

USA (2)

Japan (3)

India (4)

Mexico (5)

South Korea (6)

Germany (7)

Thailand (10)

Turkey (12)

Brazil (8)

Spain (9)

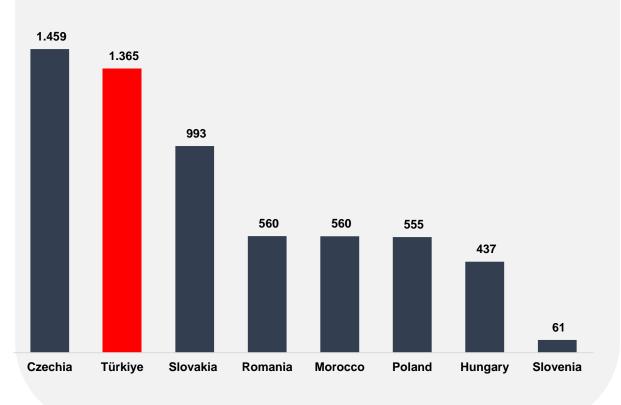
Czechia (11) 1,5

France (13) 1,4

Canada (14) 1,3 Indonesia (15) 1,2

0

Automotive Production in 2024 Thousands unit

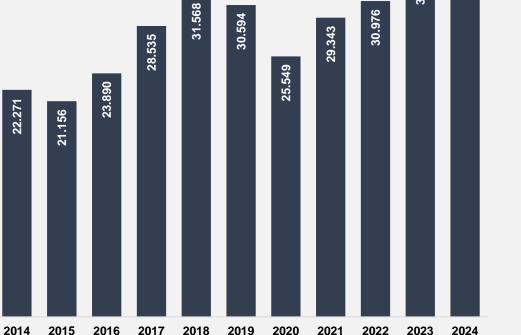




568 35.004 37.

Vehicle Exports

(Million \$)



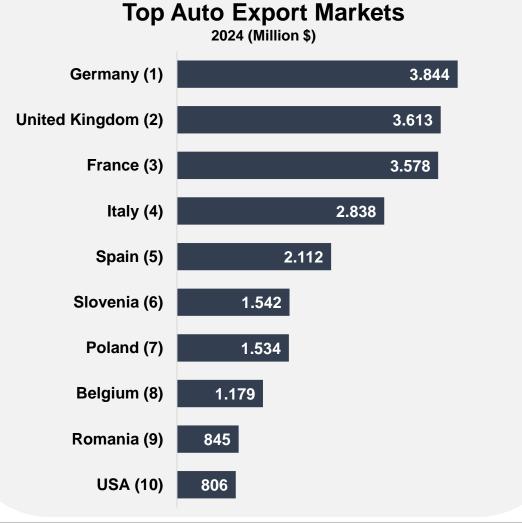
Source: Automotive Manufacturers Association of Turkiye, Turkish Exporters' Assembly, Turkstat

PRODUCING VEHICLES FOR WORLD MARKETS

37.212







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RECENT INVESTMENTS

535k NEW CAPACITY from GREENFIELD INVESTMENTS of CURRENT, and NEW OEMs



Togg Capacity: 175k/ year

\$2 billion investment

Full BEV production

First model has rolled off the line by April 2023

FORD OTOSAN

Capacity: 210k/ year

\$3 billion investment

Full-electric Transit model

First model has rolled off the line by April 2022



\$1 billion investment

EV-PHEV Mix Production

After 29 years, first OEM investment

By 2026

RECENT INVESTMENTS

- Renault announced 400 mn USD new investment in December 2023
- 4 new models including hybrid and EV by 2027

OYAK RENAULT

MORE INVESMENTS



- ZF CVS opened up new facility in Sakarya/Türkiye
- 30 m USD investment
- 4th production facility



- 330 mn USD PHEV C-HR model investment by Toyota
- First PHEV plant of Toyota in Europe
- Started to production by November 2023
 TOYOTA



- Electrical Powered Compressor
- 180 m USD investment



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RECENT DEVELOPMENTS IN E-MOBILITY

ARASĬS

20 GWh annual capacity

siro

Togg

Battery production has started

by 2026

220 MWh annual capacity

2 aspilsan

DEVELOPING BATTERY ECOSYSTEM

Li-ion cylindrical battery cells

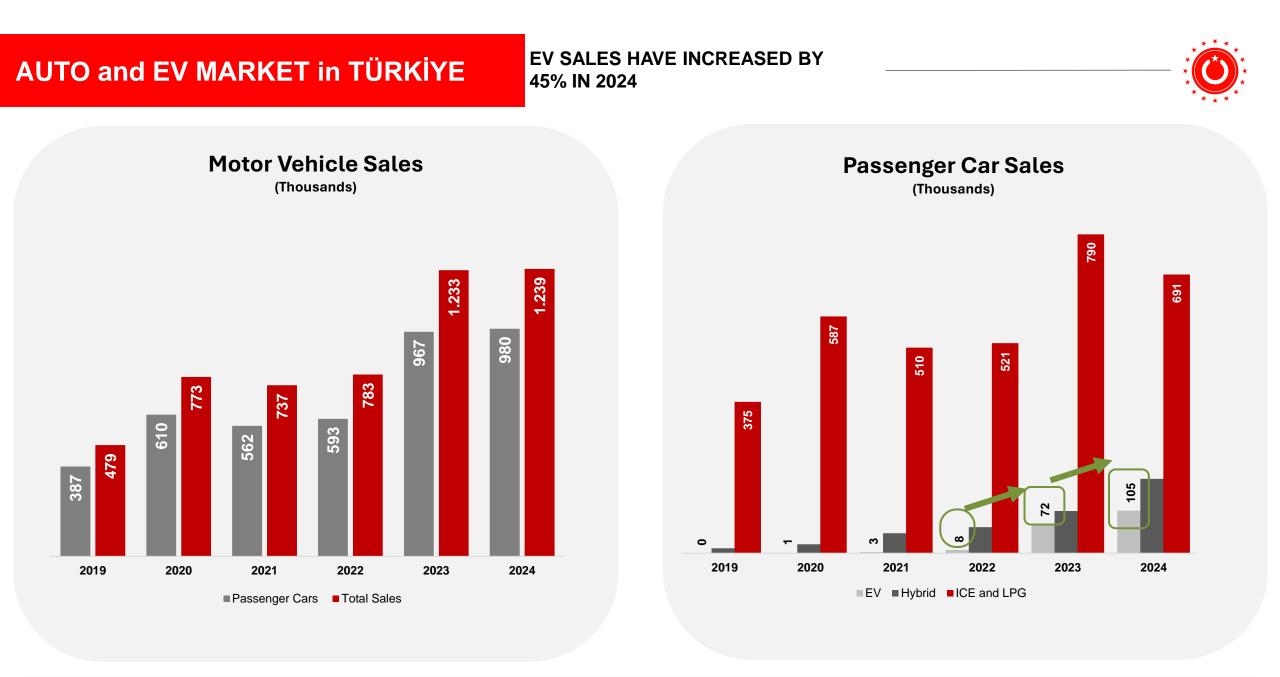
In June 2022

3 GWh annual capacity

Li-ion (LiFeP04) battery cells and ESS

by 2024



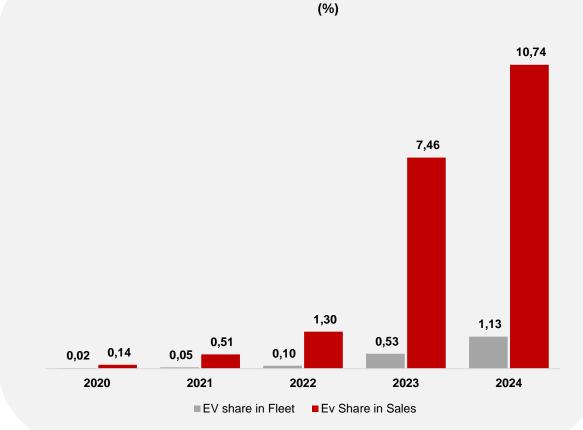


CHARGING INFRASTRUCTURE

AS OF END NOVEMBER 2024, 25,096 CHARGING POINTS ARE IN OPERATION, OF WHICH 9,769 ARE DC







Charging Points

	2020	2021	2022	2023	2024
Charging Points (total)	1.355	2.237	2.532	12.510	27.048
AC	1.264	2.070	2.173	8.706	16.141
DC	91	167	359	3.804	10.907
EV Cars Fleet	2.797	6.267	14.552	80.043	183.776
EV Cars per CP, %	2,1	2,8	5,7	6,4	6,8

MOBILITY TECHNOLOGIES STRATEGIES, AND ROADMAP

PUBLISHED BY MoIT IN JUNE 2022



EV and EV Technologies

- 1. Electric vehicle purchases will be supported
- 2. Electric vehicle use will be supported
- 3. Electric vehicle production investments will be supported, and new investments will be encouraged.
- 4. Türkiye will be a "regional battery production center"
- 5. Secondary use and recycling investments will be supported.
- 6. Developing of tier 1 and 2 suppliers producing electrification technologies will be provided.
- 7. The advanced material support program will be launched.
- 8. Charging infrastructure for electric vehicles will be completed.

Critical Projects

The projects on Battery and Innovative Energy Technologies are evaluated as 'critical project';

Development and/or manufacturing investments of battery module and pack

Battery cell investments

Development and manufacturing investments of battery pack sub-components

Battery test center investments

HIT30 (Hi-Tech 2030)

6 PRIORITY AREAS: BEV, BATTERY, CHIP, SOLAR, WIND, R&D





HIT-Electric Vehicles

"Türkiye is the 3rd largest automobile manufacturer in Europe and the 12th largest in the world. In commercial vehicle production, it is the leader in Europe."

"With the HIT-Mobility call, it is aimed to increase Türkiye's strength in the automotive industry in the field of electric vehicle production."

"With a total support budget of \$5 billion, the goal is to reach an annual production capacity of 1 million electric vehicles."

"Within the scope of the call, new investments will be supported, including the establishment of R&D centers with a high local contribution rate, providing an annual production capacity of **at least 150,000 electric vehicles**."

HIT30 (Hi-Tech 2030)

6 PRIORITY AREAS: BEV, BATTERY, CHIP, SOLAR, WIND, R&D





HIT-Battery

"Energy storage systems play a critical role in achieving the net-zero emission target."

"With the HIT-Battery call, it is aimed to bring Türkiye's production capacity in this field to a level that meets domestic demand and particularly leverages export potential towards the European market."

"With a **total support budget of \$4.5 billion**, the goal is to **establish a production capacity of 80GWh**, focusing on local contribution and including R&D center investments."

"Within the scope of the call, investments in battery and active material production facilities starting from the cell-level with a **minimum annual capacity of 5GWh will be supported**."



Contact Kaan Masatci | kmasatci@invest.gov.tr



