



**ZEYNELA**  
— motor vehicles —



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— motor vehicles —

Zeynela Motor Vehicles is a subsidiary of Soycan Group of Companies and operates in the automotive sector. Zeynela offers world-class quality and long-lasting commercial, communal, construction vehicles in Ukraine.

Zeynela is the exclusive distributor of brands Anadolu Isuzu Buses, Bozankaya Trolleybuses-Wagons, Çukurova Construction Vehicles, Tümosan Agricultural Tractors, Koluman and Yıldız Semitrailers in Ukraine.



[www.zeynela.com](http://www.zeynela.com)

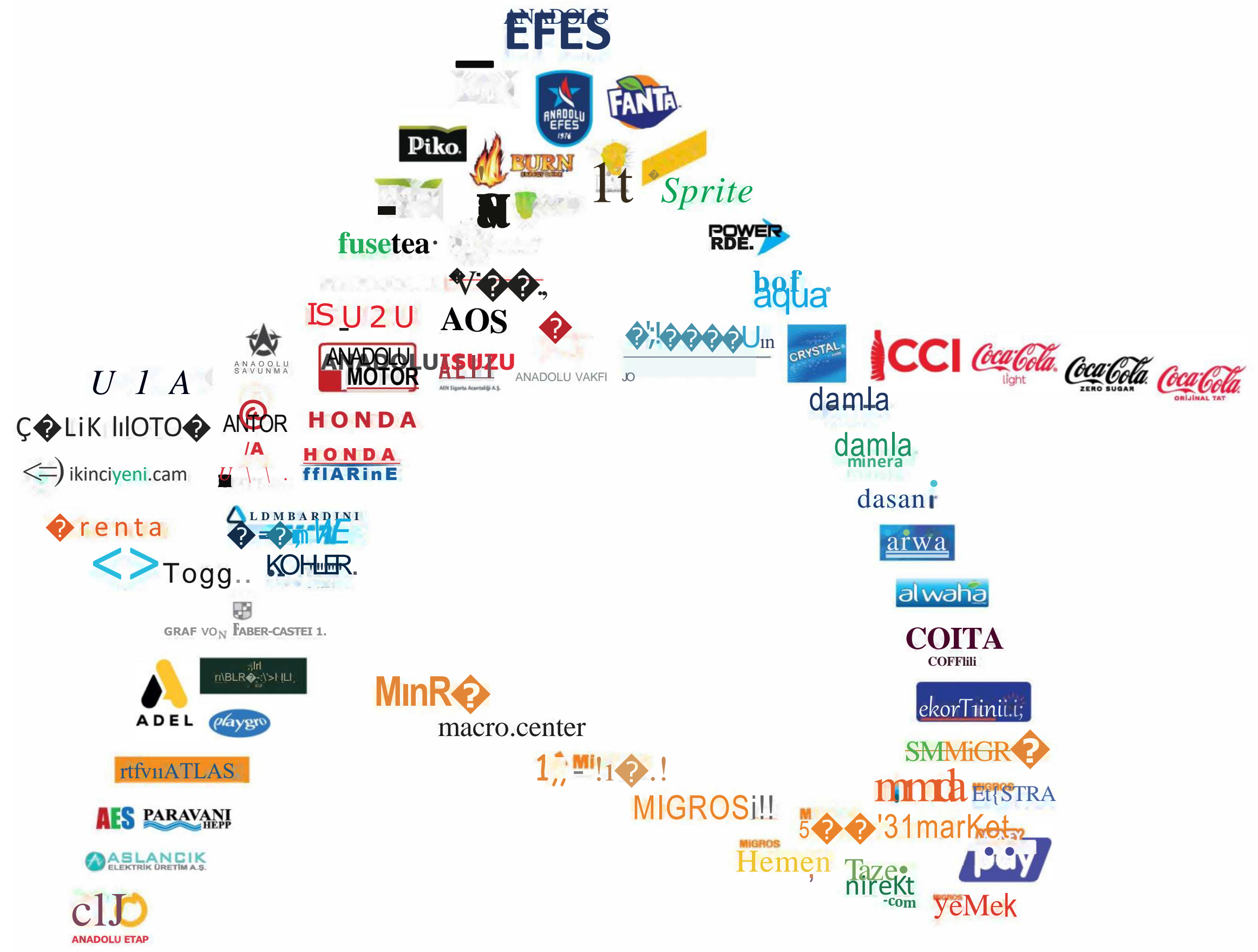


**ZEYNELA**  
— motor vehicles —

## ■ BRANDS

**ANADOLU ISUZU**



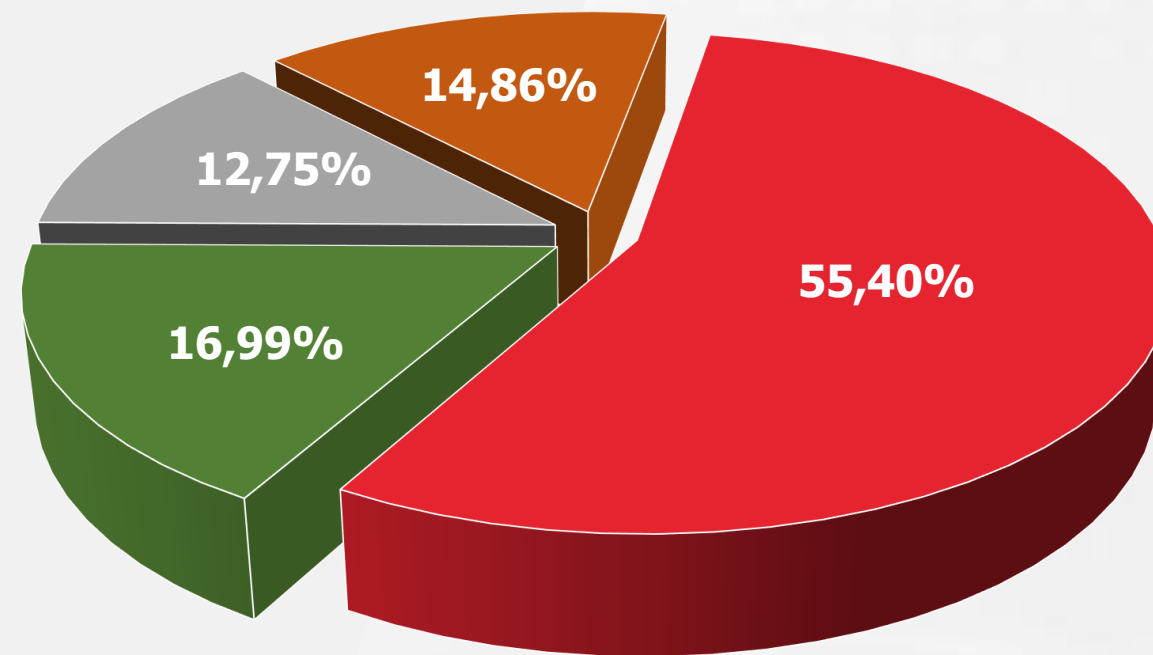




## SHAREHOLDERS

- Anadolu Isuzu is a publicly traded company with shareholders; **Anadolu Group Holding, Isuzu Motors Limited & Itochu Corporation**
- Operations are on truck, light truck, bus, midi-bus and pick-up sales

- Anadolu Group
- Isuzu Motors Ltd.
- Itochu Corporation
- Other



**ISUZU**



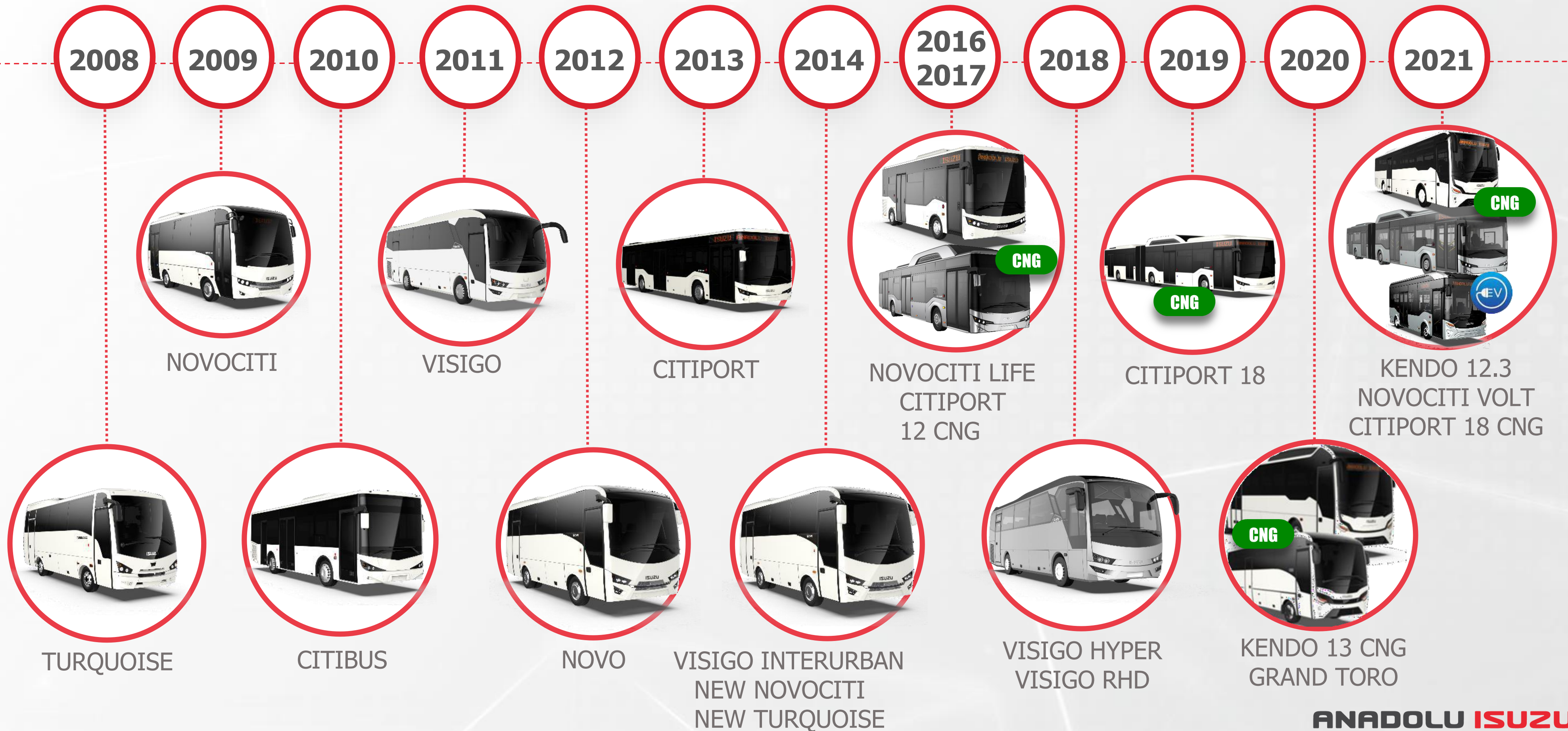
**OTHER**

# BUS & COACH RANGE







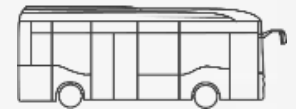

**7 METER TO  
18 METER  
COACH AND CITY  
BUS RANGE**



# BUS PRODUCT RANGE



# PUBLIC TRANSPORTATION BUS RANGE

		Lenght	Passenger Capacity	Engine
<b>CitiVOLT 18</b> <span>EV</span>		18 m	~+135	ZF e-Axle 250/500 kW
<b>Citiport 18</b> <span>EU6</span>		18 m	155	Cummins 370 HP
<b>Citiport 18 CNG</b> <span>CNG</span>		18 m	144	Cummins 320 HP
<b>CitiVOLT 12</b> <span>EV</span>		12 m	~+ 100	ZF e-Axle 250 kW
<b>Citiport 12</b> <span>EU5 EU6</span>		12 m	107	Cummins 300 HP(E6) Cummins 293 HP (E5)
<b>Citiport 12 CNG</b> <span>CNG</span>		12 m	92	Cummins 320 HP
<b>Citibus</b> <span>EU2 EU5 EU6</span>		9.5 m	76	Cummins 210 HP(E6) ISUZU 204 HP (E5) ; ISUZU 210 HP (E2)
<b>Novociti Life</b> <span>EU6</span>		8 m	60	FPT 186 HP
<b>Novociti VOLT</b> <span>EV</span>		8 m	52	TM4 270 KW
<b>Novociti</b> <span>EU2 EU5 EU6</span>		7.5 m	55	ISUZU 190 HP (E6) ISUZU 155 HP (E5) ; ISUZU 175 HP (E2)



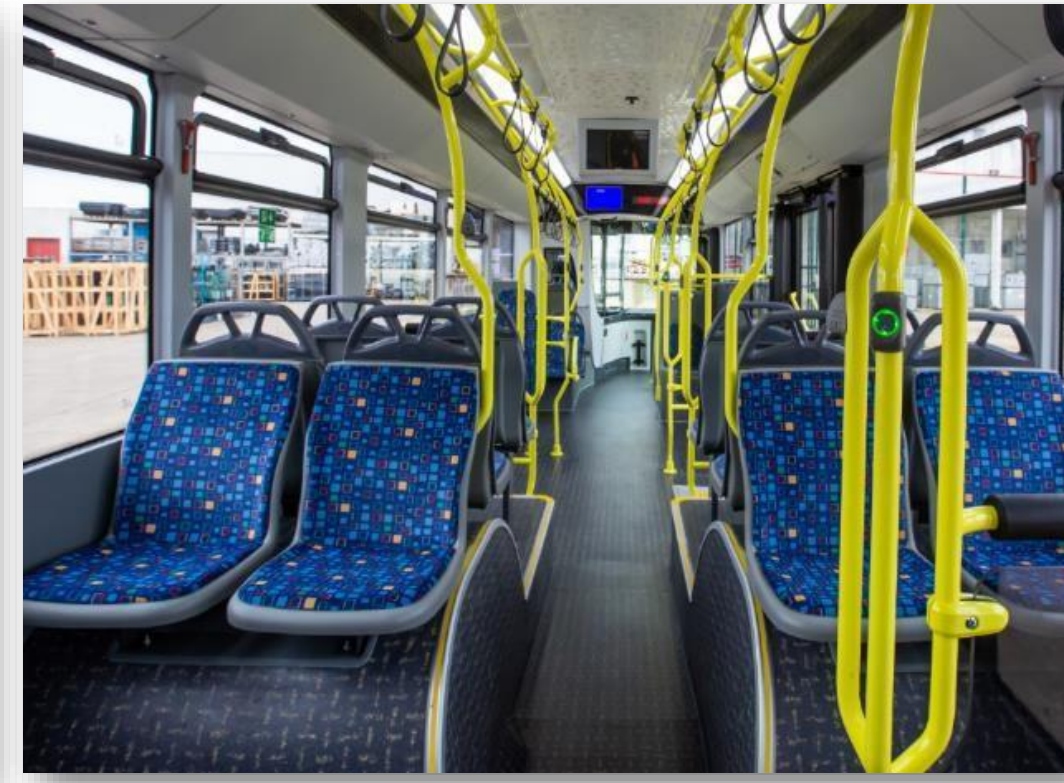
■ **AIOS EURO 5 PUBLIC  
TRANSPORTATION BUS RANGE**



# CITIPOINT DIESEL FAMILY



<b>PRODUCT</b>	CITIPOINT 12 AT	<b>EU5</b>
<b>CLASS</b>	CLASS I (PUBLIC TRANSPORTATION)	
<b>MAIN DIM. (mm)</b>	12030x2550x3155	
<b>PASSENGER CAPA.</b>	107 Total, 27 Seats	
<b>ENGINE</b>	CUMMINS (293 HP, 1085/1285 (Nm/Rpm))	
<b>TRANSMISSION</b>	ZF, Automatic	



# CITIBUS



**PRODUCT**

CITIBUS

**CLASS**

CLASS I (PUBLIC TRANSPORTATION) **EU5**

**MAIN DIM. (mm)**

9515x2409x3117 mm

**PASSENGER CAPA.**

69 Total, 25 Seats

**ENGINE**

ISUZU (204 HP, 637 Nm)

**TRANSMISSION**

ISUZU Manuel (S) Allison Automatic (O)



# NOVOCITI



ISUZU  
DRIVELINE

PRODUCT

NOVOCITI

EU5

CLASS

CLASS I (PUBLIC TRANSPORTATION)

MAIN DIM. (mm)

7502x2275x3375 mm

PASSENGER CAPA.

55 Total, 21 Seats

ENGINE

ISUZU (190 HP, 510 Nm)

TRANSMISSION

ISUZU, Manuel





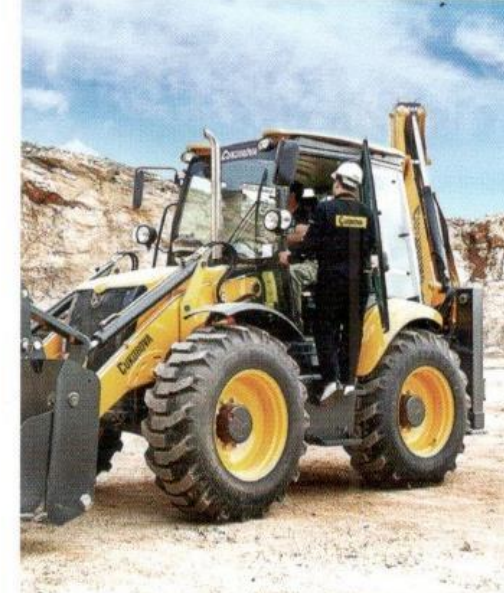
**ÇUKUROVA**  
Makina İmalat ve Ticaret A.Ş.



- **ÇUMİTAS, Launched in 1968 under the license agreement with JOHN DEERE to produce agricultural equipment.**
- **Until 1986; 26.250 units of agricultural equipment were manufactured.**
- **In 1986 due to the economical situation of TURKIYE during the Iran-Iraq wartime, the company started to manufacture Earth-Moving and Industrial Machineries under its own “ÇUKUROVA” brand name.**
- **Since 1986, all the equipment has been produced 100% by Cukurova Design and Engineering team.**
- **The company has the know-how to produce all kinds of earth-moving and industrial machines and also 4x4,6x6..Special Purpose Chassis for APC/MRAP.**
- **Factory has**
  - 15,000m2 closed area.**
  - 90,000m2 open area.**



**ÇUKUROVA**  
Makina İmalat ve Ticaret A.Ş.



## Standard Products:

- Backhoe Loaders
- Wheel Loaders
- Excavators





## Standard Products: (Çukurova brand)

### Backhoe Loaders

- 880: 1,0 m3, 4X4 Front axle steering 7,5 tons
- 883: 1,0 m3, 4X4 Front axle steering 8,5 tons
- 885: 1,0 m3, 4x4 Front axle steering 8,5 tons
- 888: 1,1 m3, 4X4X4 Front/rear axles steering 9,5 tons

Note: Designing and Manufacturing for OEMs as well.





## Standard Products:

### Wheel Loaders:

- 940 : 2,0 – 1,5 m<sup>3</sup>, 14,5 tons
- 980 : 3,0 – 3,5 m<sup>3</sup>, 19,5 tons
- 990 : 3,5 – 4,5 m<sup>3</sup>, 24,5 tons







## Standard Products:

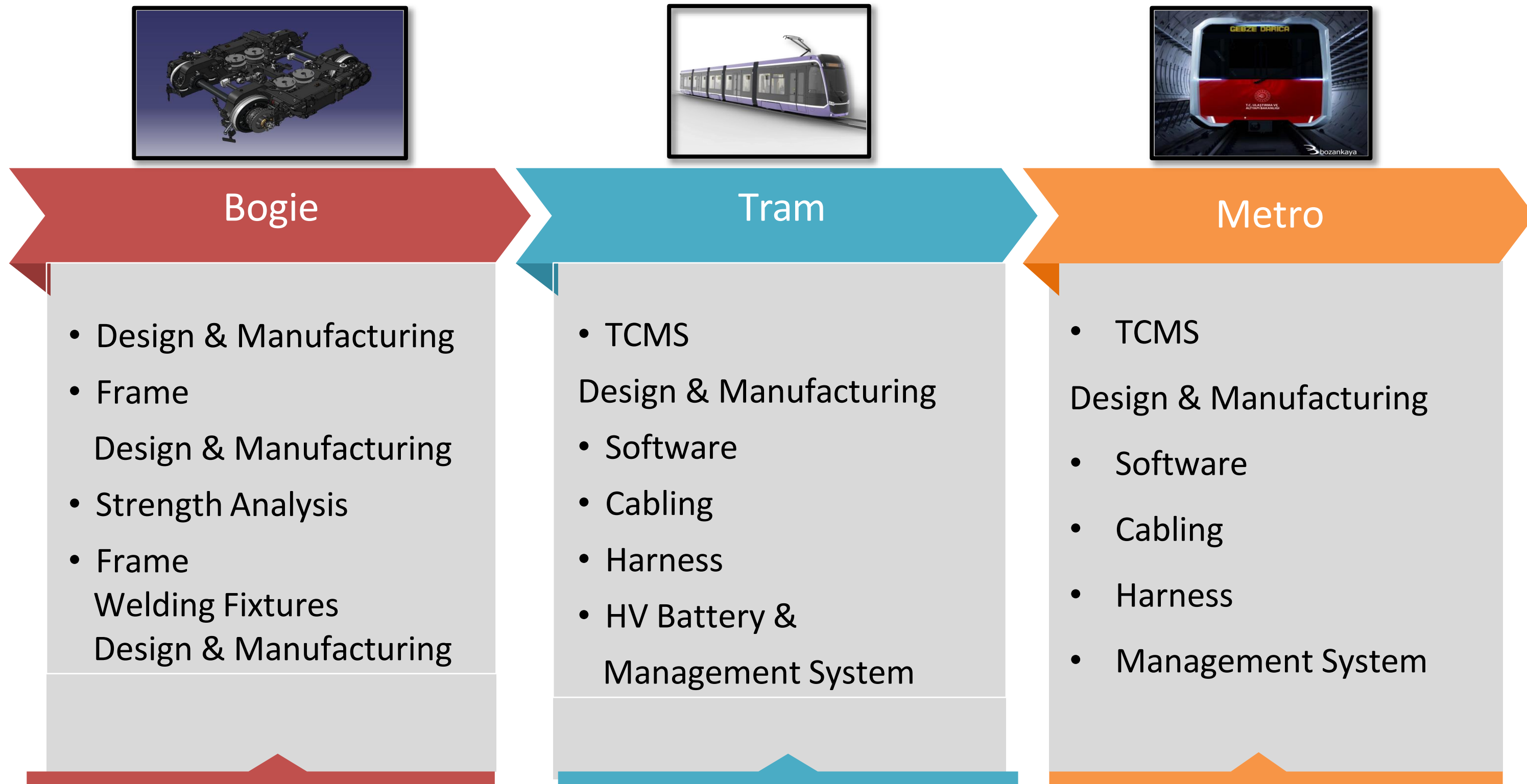
### Excavators:

- 723:21-23T
- 730:30T
- 730WEX-17T





# Overview to e-Transport Solutions 1/11



***Engineering to Order, Design to Manufacturing and Delivery***  
*of the above-mentioned e-transport solutions through accredited R&D center*

# Overview to e-Transport Solutions

11/11



## E-BUS

- 10m, 12m, 18m, 25m
- Design & Manufacturing
- Software
- Cabling
- HV Battery & Management System



## Trolleybus

- 12m, 18m, 25m
- Design & Manufacturing
- Software
- Cabling
- HV Battery & Management System



## Electrical Component

- Battery Management System,
- Chargers
- Traction Electronic System (Inverter, PCB Card etc.)



## Metal Process

- Sheet Shaping & Forming
- Pipe & Tube Shaping & Forming
- Welding & Manufacturing
- Sand Blasting/Leveling
- Paint Shop

**Engineering to Order, Design to Manufacturing and Delivery**  
*of the above-mentioned e-transport solutions through accredited R&D center*

# Products

I/II



## Trams

- 100% low-floor design
- Award-winning battery powered tram with longest range in railway history
- High passenger capacity up to 300 passengers (for 32m length).
- Low energy consumption (2.4kWh/km), zero emission and modern design, offering space, comfort and safety
- Endurable, efficient and modular design

## Metros

- High passenger capacity: 1150 passengers (for 90m length)
- Unique design, offering safety and comfort
- Currently transports more than 1 million passengers/day; safely & efficiently



# Products

## E-Bus (\*)

- 100% Electric traction
- Length options: 10, 12, 18 & 25 meters
- Passenger capacity between 75 and 232
- ~300 Km range with a single charging

- Bozankaya 3rd generation e-buses will be launched in 2023.



## Trolleybus «Trambus»

- High passenger capacity: 221 (for 25m length)
- Environmentally friendly with zero-emission
- Low consumption: 3kwh/km for 25m with HVAC on

- Non-catenary driving option
- Length options: 10, 12, 18 & 25 meters (for turnkey option)
- Low infrastructure cost

# Romania Iasi Tram



- 16 Sets
- 30 meters in length
- Narrow gauge – 1000 mm; 2,4m width
- 100% low-floor
- 18 months delivery period
- Delivery in progress

# Romania Timisoara Battery Tram



- 16 + (5 + 2) + 17 Sets
- From the order option of 24 sets, 7 more sets were converted into orders.
- 100% low-floor battery-powered tram
- 30 meters in length
- Normal gauge – 1435 mm; 2,4 m width
- 48 months delivery period
- Delivery in progress

## Alstom Marseille Metro - Under Frame



- Underframe production for 152 metro vehicles
- Delivery plan between June 2021 and February 2025

## Alstom Cologne Tram



- Underframe production of 64 Tram cars of 30 meters length



## ■ ABOUT TÜMOSAN

- TÜMOSAN was established in 1976 to produce motor drive and transmission organs and similar equipment, but has concentrated its activities on diesel engine and tractor production.
- TÜMOSAN possesses the distinctive quality of being Turkey's first diesel engine manufacturer.
- TÜMOSAN has been producing diesel engines for many years for TURK TRACTOR and OTOYOL besides providing diesel engines for tractors produced for their own brand.



## ■ SEMITRAILERS



 **KOLUMAN**

Koluman semi trailers



 **YILDIZ**  
TREYLER

Yıldız refrigerated semi trailers



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**Ukraine Office**

BC Senator, 14th Floor, 32/2 Knyaz Ostrozki St, Kyiv, Ukraine  
+90 533 650 64 60

**Turkey Office**

İçerenköy Neighborhood Değirmenyolu Street Birman Business  
Center, No: 23/1-9 Floor: 3 Ataşehir, Istanbul  
+90 216 577 14 44

[cagla.mazlum@soycan.com](mailto:cagla.mazlum@soycan.com)

[www.zeynela.com](http://www.zeynela.com)