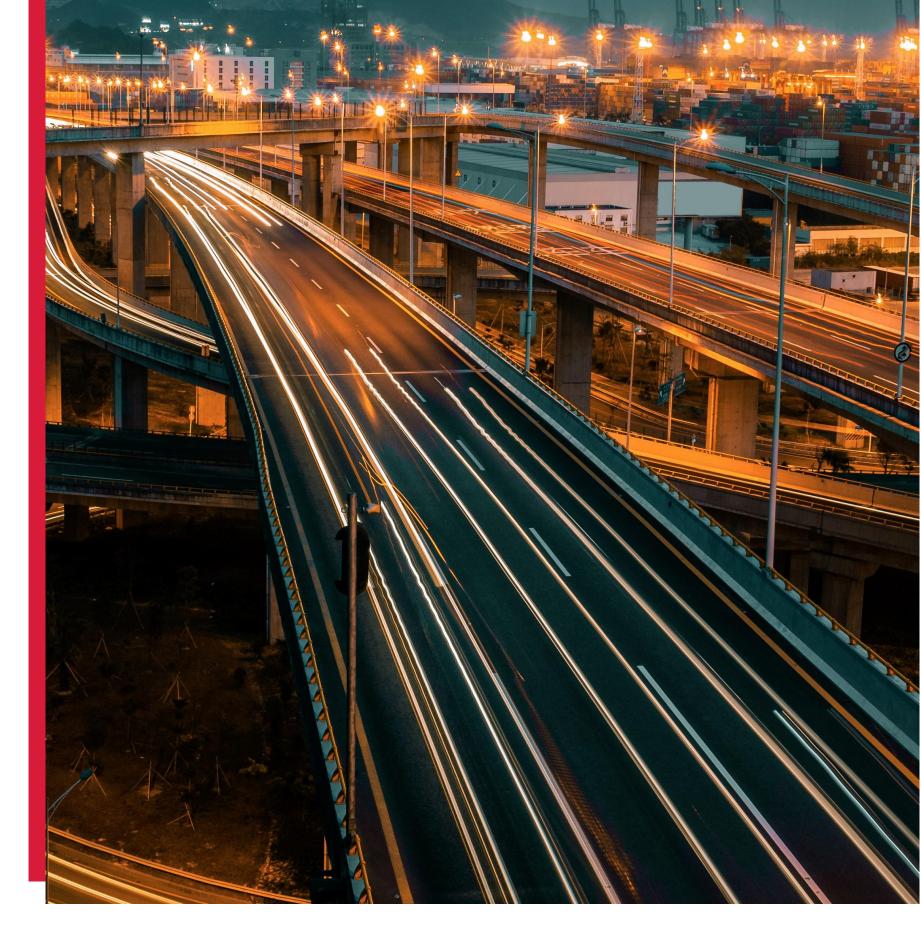


# ZEYNELA motor vehicles



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



#### ABOUT ZEYNELA

- Zeynela has won Kyivpastrans' tender with Anadolu Isuzu
  Buses. The budget is 18.500.000 EUR and funded by European
  Investment Bank (EIB). The contract was signed on 12.02.24.
- Zeynela has won Mykolaivpastrans' tender with Anadolu Isuzu Buses. The budget is 4.500.000 EUR and funded by European Investment Bank (EIB). The date for signing the contract is yet to be announced.
- Zeynela has participated in Kyivpastrans' tender with Bozankaya Trolleybuses. The budget is 50.000.000 EUR and funded by European Investment Bank (EIB). The tender is still in the evaluation process.





## BRANDS





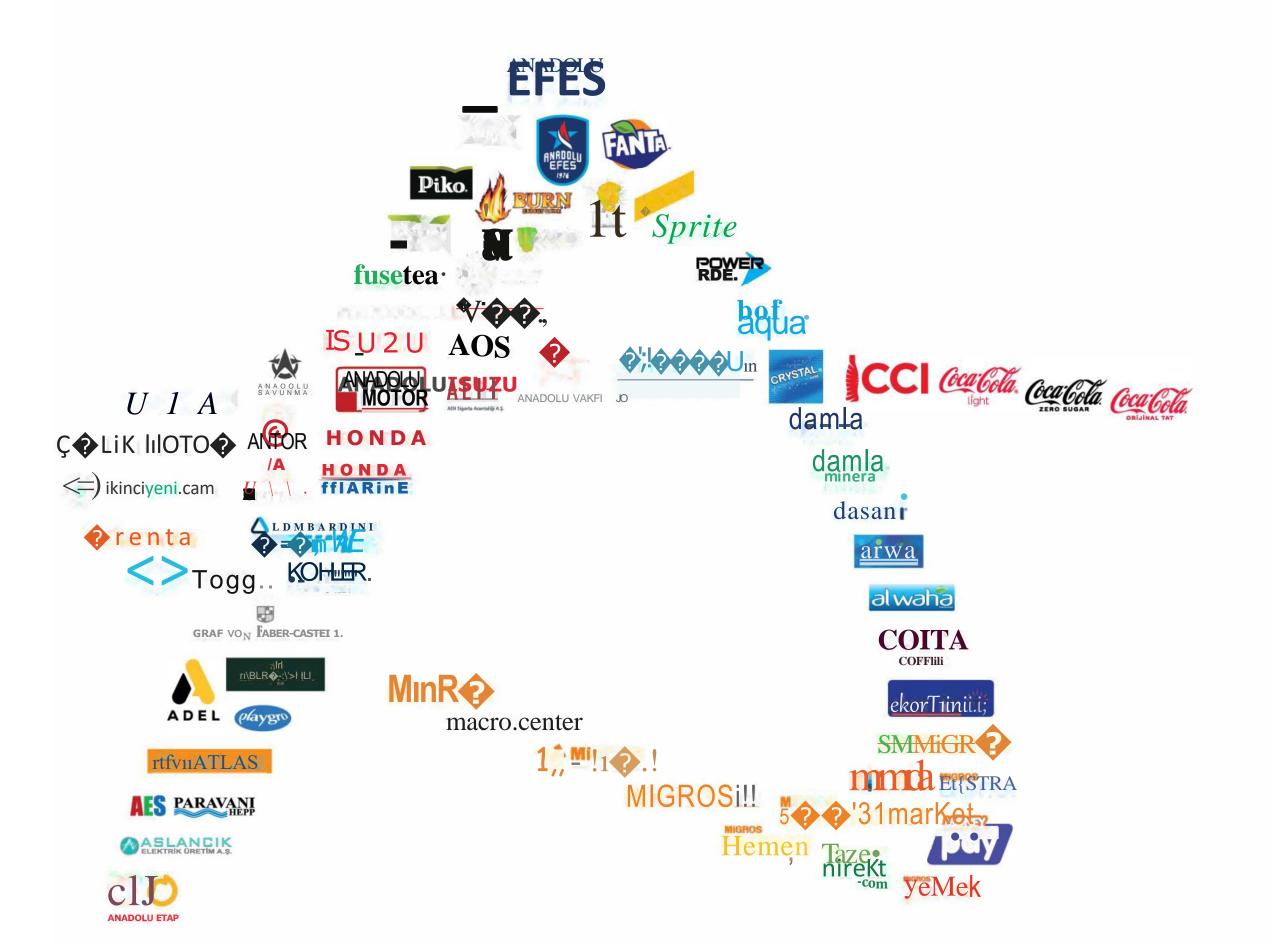












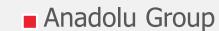




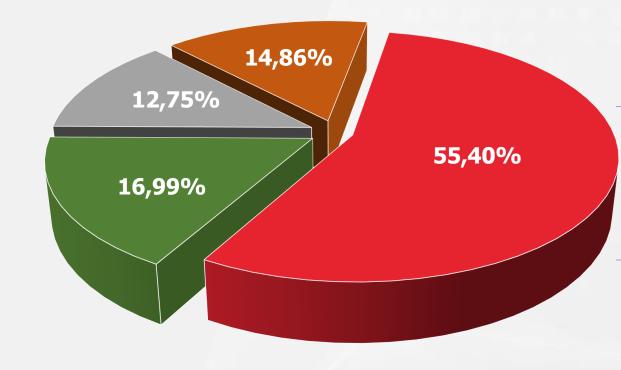


## **SHAREHOLDERS**

- 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



- Isuzu Motors Ltd.
- Itochu Corporation
- Other









**OTHER** 





## **BUS & COACH RANGE**

7 METER TO
18 METER
COACH AND CITY
BUS RANGE



## **BUS PRODUCT RANGE**







NOVOCITI



VISIGO



**CITIPORT** 



NOVOCITI LIFE CITIPORT 12 CNG



CITIPORT 18



KENDO 12.3 NOVOCITI VOLT CITIPORT 18 CNG



TURQUOISE



**CITIBUS** 



NOVO



VISIGO INTERURBAN NEW NOVOCITI NEW TURQUOISE



VISIGO HYPER VISIGO RHD



KENDO 13 CNG GRAND TORO

## PUBLIC TRANSPORTATION BUS RANGE



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



# AIOS EURO 5 PUBLIC TRANSPORTATION BUS RANGE





## CITIPORT DIESEL FAMILY



PRODUCT CITIPORT 12 AT

AT EU5

**CLASS** 

CLASS I (PUBLIC TRANSPORTATION)

MAIN DIM. (mm)

12030x2550x3155

PASSENGER CAPA.

107 Total,27 Seats

**ENGINE** 

CUMMINS (293 HP, 1085/1285 (Nm/Rpm)

**TRANSMISSION** 

ZF, Automatic









## **CITIBUS**







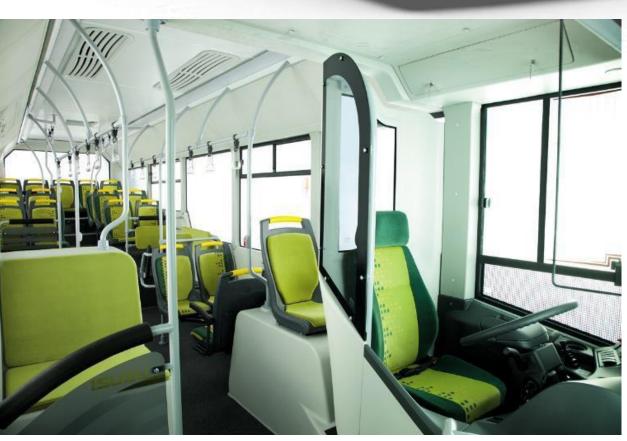
CLASS I (PUBLIC TRANSPORTA EU5

MAIN DIM. (mm) 9515x2409x3117 mm

PASSENGER CAPA. 69 Total, 25 Seats

ENGINE ISUZU (204 HP, 637 Nm)

TRANSMISSION ISUZU Manuel (S) Allison Automatic (O)













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















- 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.



## CUKUROVA Makina İmalat ve Ticaret A.Ş.

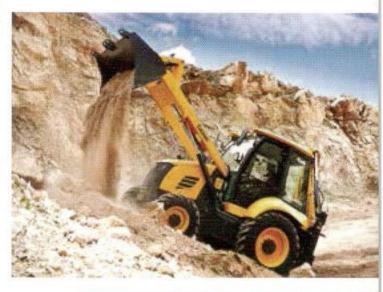














## **Standard Products:**

- Backhoe Loaders
- Wheel Loaders
- Excavators







## Standard Products: (Çukurova brand)

#### **Backhoe Loaders**

•	880: 1,0 m3,	4X4 Front axle steering	<b>7,5 tons</b>
•	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.





## CUKUROVA Makina İmalat ve Ticaret A.Ş.



#### **Standard Products:**

#### **Wheel Loaders:**

• 940: 2,0 – 1,5 m3, 14,5 tons

• 980:3,0 – 3,5 m3, 19,5 tons

• 990:3,5 – 4,5 m3, 24,5 tons











#### **Standard Products:**

#### **Excavators:**

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





## Overview to e-Transport Solutions 1/11







#### Bogie

#### Tram

#### Metro

- Design & Manufacturing
- Frame

Design & Manufacturing

- Strength Analysis
- FrameWelding FixturesDesign & Manufacturing

• TCMS

Design & Manufacturing

- Software
- Cabling
- Harness
- HV Battery &

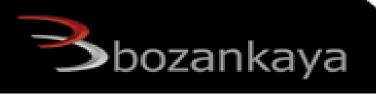
Management System

TCMS

Design & Manufacturing

- Software
- Cabling
- Harness
- Management System

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





#### E-BUS

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



#### Trolleybus

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



#### Electrical Component

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



#### **Metal Process**

- SheetShaping & Forming
- Pipe & TubeShaping & 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**





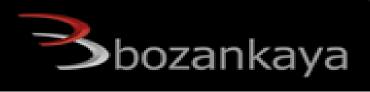
#### **Trams**

- 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





## **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 lasi Tram



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

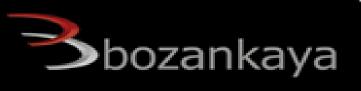
## Romania Timisoara Battery Tram







- 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









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