



Our Past
Shapes the
Future



Plastic Technologies
Industry and Trade Co.

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About Us

2025

Born in HOSAB, Bursa, Türkiye

Chairman

KORHAN KARACA

-
- Mass Production Start
 - Quality Management System
 - Environmental Management System
 - Health & Safety Management System
 - New Building Investment
 - The First Injection Machine Investment
 - The First Quality Certification from DQS
 - Cr+3 Plating Process
 - Continious Saten Process
 - ERP Software
 - The Best Collaboration Award
 - Robots from 10 to 1
 - New Loading and Holding Line
 - Reverse Osmosis System

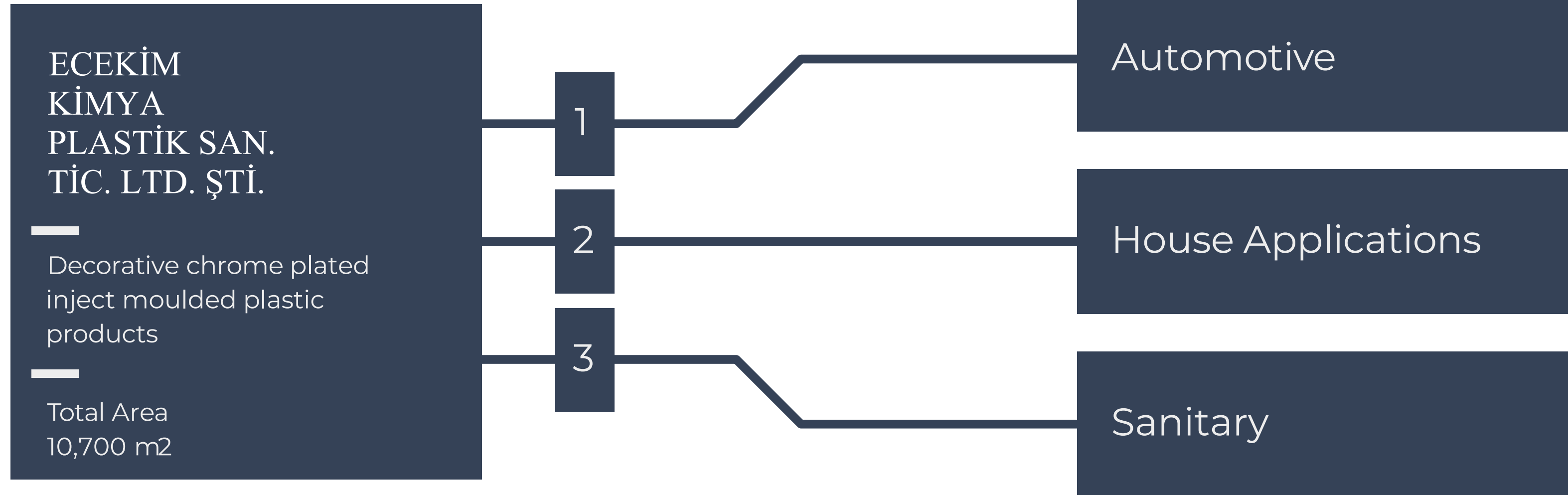
- Re-Certification
- New Software for Plating Line
- New Injection Machine Investment 90T to 560T
- New Test Equipment

-
- New Carrier Robot Investment
 - 144 bar/day to 256 bar/day Capacity Increase
 - 25.000 m²/month Theoretical Plating Capacity
 - Cr+6-Free Pilot Plating Line Feasibility Planning
 - Cr+6-Free Pilot Plating Line Mechanical and Electronical Investments
 - Production and Installation of the Pilot Line by the Sister Company, ETIS
 - Cr+6-Free Pilot Plating Line Bath Preparations with Chemical Partner OKUNO Engineers
 - Plating Tests and Customer Approvals

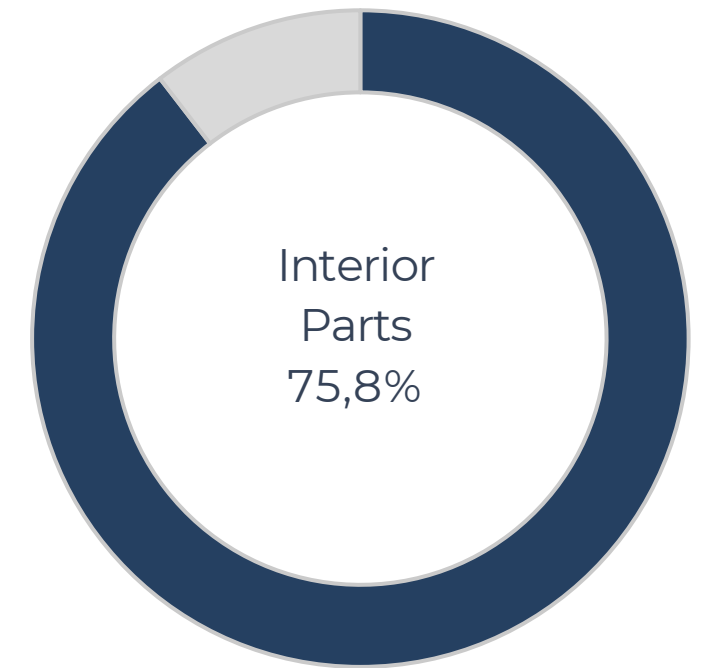
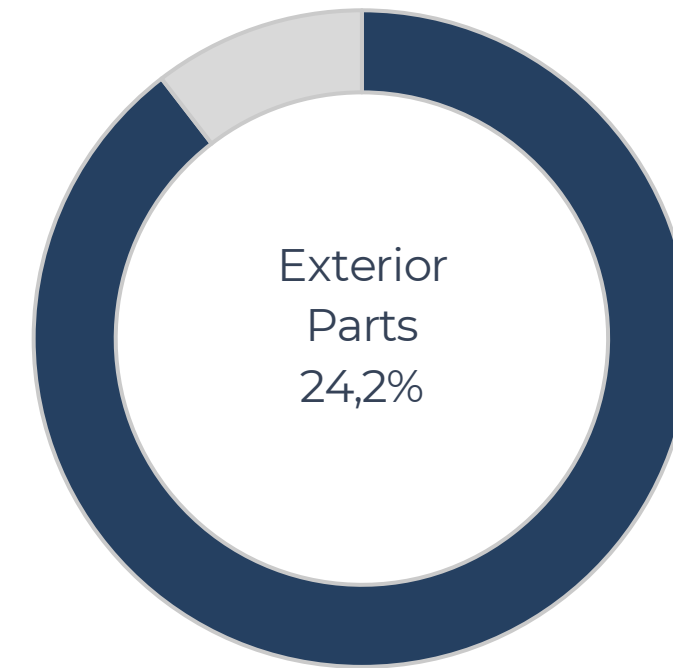
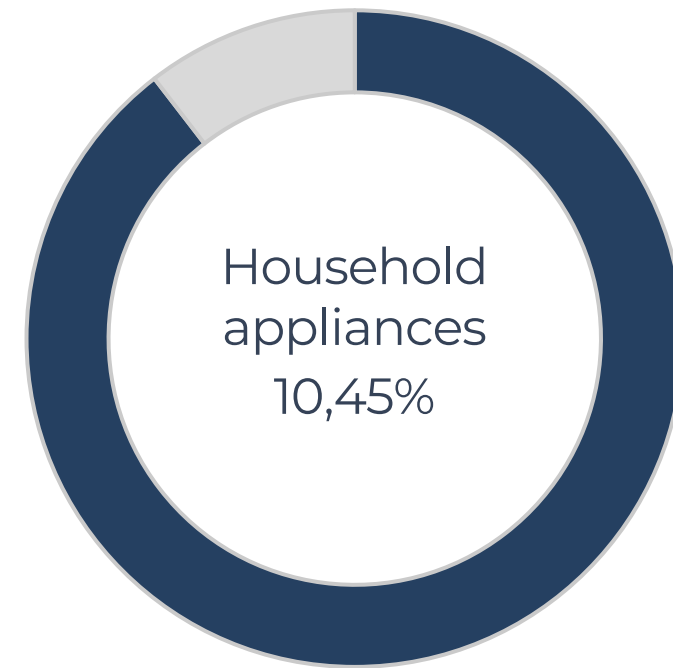
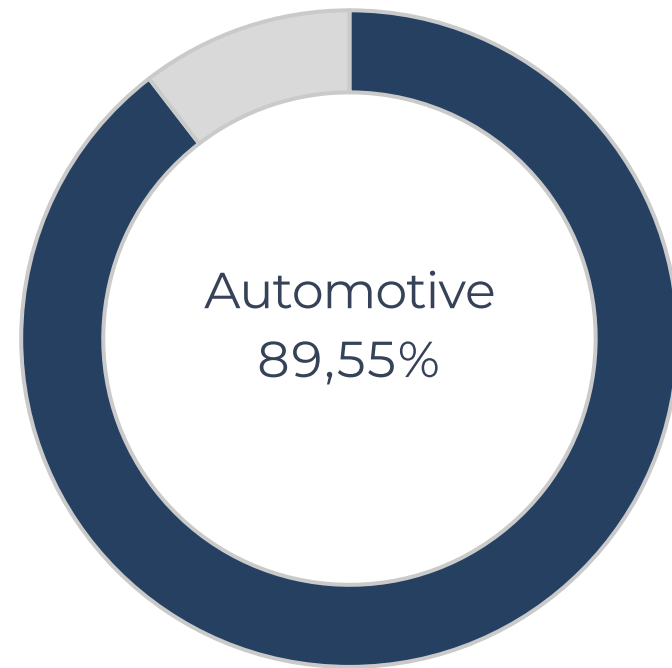
Investment Plan

2025 - 2026

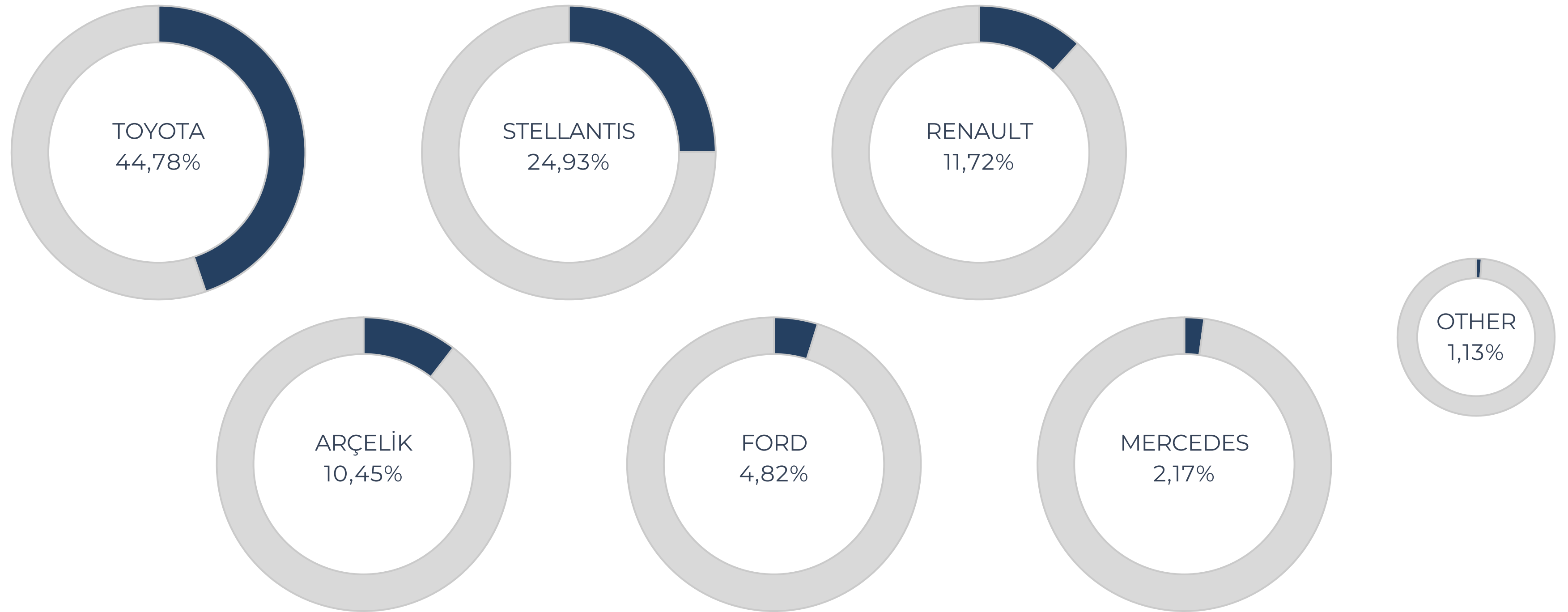
- Chrome free etch Process Integration into the Main Plating Line
- PVD Line
- UV Painting Line
- PA Plating Process
- Transition To Plasma Technology in Pretreatment
- New test equipment
- 3D Measurement
- 5G anten System with Silver Plating Process
- 1300 T Injection Press
-



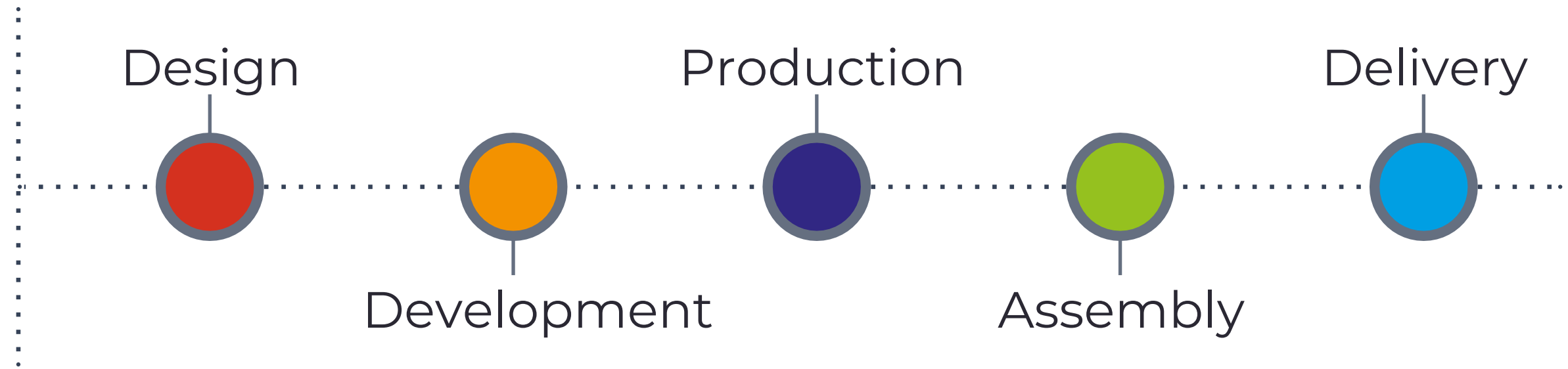
Turnover % (Share by Sector 2024 YTD)



Turnover % (Share by Customer 2024 YTD)



Complete project management from design to the end product.



Plating on Plastics (Pop) Full-Automatic Control

Plant Capacity & Utilization:

- Capacity (Theoretical):
25.000 m²/month
- Cycle Time:
6 minutes
- Flexibility for New Process
Technologies
- Plating Window:
230 x 120 cm (width x height)





Plating on Plastics (Pop)
Processes handled in the POP line:

- Metallization Over ABS and PC-ABS Products
- PA & PP plating (feasibility)

Ni Plating:

- Semi-Bright
- Bright
- Microporous
- Microcrack (1 Station for Future Req.)
- Satin (3 Running, 3 Station)
- Chrome Plating (8 Stations)
- Cr+6 (1 Running, 1 for Future Req., 2 Stations)
- Cr+3 (2 Running, 2 Stations)

Injection Moulding Inhouse

Machinery

- Demag 300 T
-

Future investment plan:
Machinery up to 1300 T in 2025 Q2-Q3
2K Injection machinery in 2025 Q3-Q4



Plastic Raw Material Usage in Doplas

RAW MATERIAL LIST

PC ABS

Bayblend T45PG

Cycloy CP8320

ABS

Polylac 726

Novodur P2MC

Magnum 3416

Magnum 3425

LG ABS HI 121H NP

LG ER232 ABS

LG MP220

ARC 434 GRI

PA

Dupont Minlon 73M40 NC010



Plating Line





Quality: Control & Monitoring: Laboratory

Tests performed in-house

- 1- Thickness and Step Test
- 2- Stress Test
- 3- Grind Saw / Cross Cut Test
- 4- CASS / NSS Test
- 5- Thermal Cycle
- 6- Thermal Shock
- 7- Pore Measurement
- 8- Ductility Test
- 9- Corrodkote Test
- 10- Waste Water Tests



Quality:
Control & Monitoring:
Laboratory

Customer Specifications

MÜŞTERİ ADI	ANA ŞARTNAME ADI	REVİZYON TARİHİ
TOYOTA	TSH 6504G REV 10	Aug-19
FCA	PS 50014	Jun-18
GM	GMW 14668	Sep-15
BMW	GS 97017	Dec-17
BSH	57000000137449_G1	May-19
FORD	WSS MIP83 E2	Dec-16
HYUNDAI	MS612-15	Feb-18
JAGUAR - LAND ROVER	STJLR-50-5151	Mar-15
MAN TRUNK	M 3591	Oct-15
MERCEDES	DBL 8465	Jun-16
PSA	B15 4140	May-17
RENAULT	47-01-002/M	Aug-12
TESLA	TM-0008F-M Rev2	Oct-14
VW	TL 528	Jan-15
KEY TEKNİK	Plastik Parçalarda Krom Kaplama Şartnamesi Rev.3	Jun-16
ARTEMA	Kaplama Şartnamesi Rev.2	Feb-14

Quality: Control & Monitoring: Laboratory

Analysis of chemical baths are performed in Doplas laboratory;

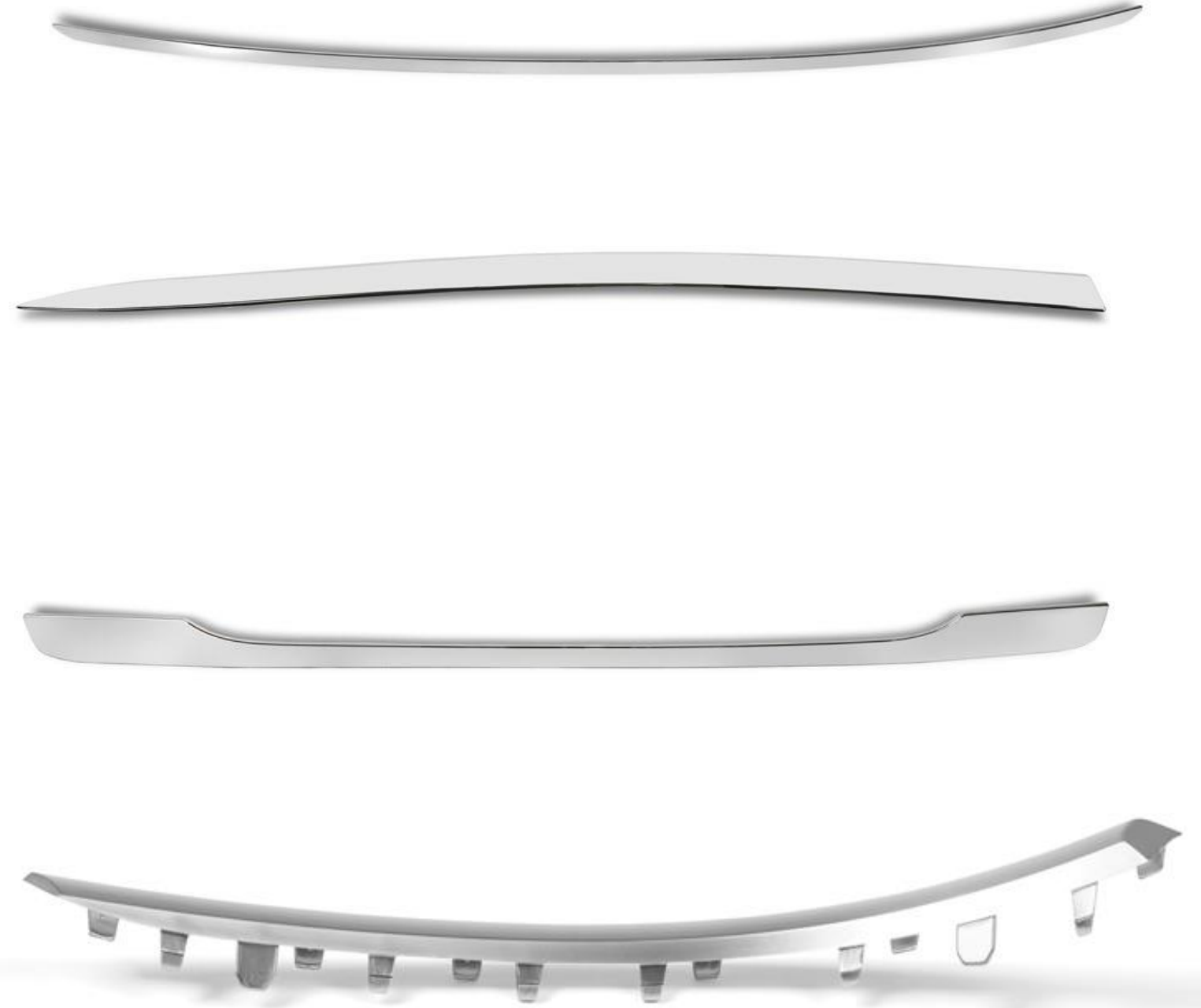
- Volumetric analysis by titration method
- Hull Cell Plate Test



Production Parts for Toyota
For New Corolla: Cluster Ring - IP Knob - Rear Knob - Retainers
Total 42 References for Corolla & C-HR



Production Parts for Toyota



ECOPLAS | NOVARES | FICOSA

Production Parts for Toyota



ECOPLAS | NOVARES | FICOSA

Toyota Yaris



402B



ECOPLAS | NOVARES | FICOSA

Production Parts for Mercedes Actros

SFTP Blende Parts

SFTP



MAGNA AKSARAY & KANDEL

Production Parts for Ford F-Max



H62X



TAKOSAN

Production Parts for PSA

Psa Knob Extension, Bezel Parts

P2JO, P1MO

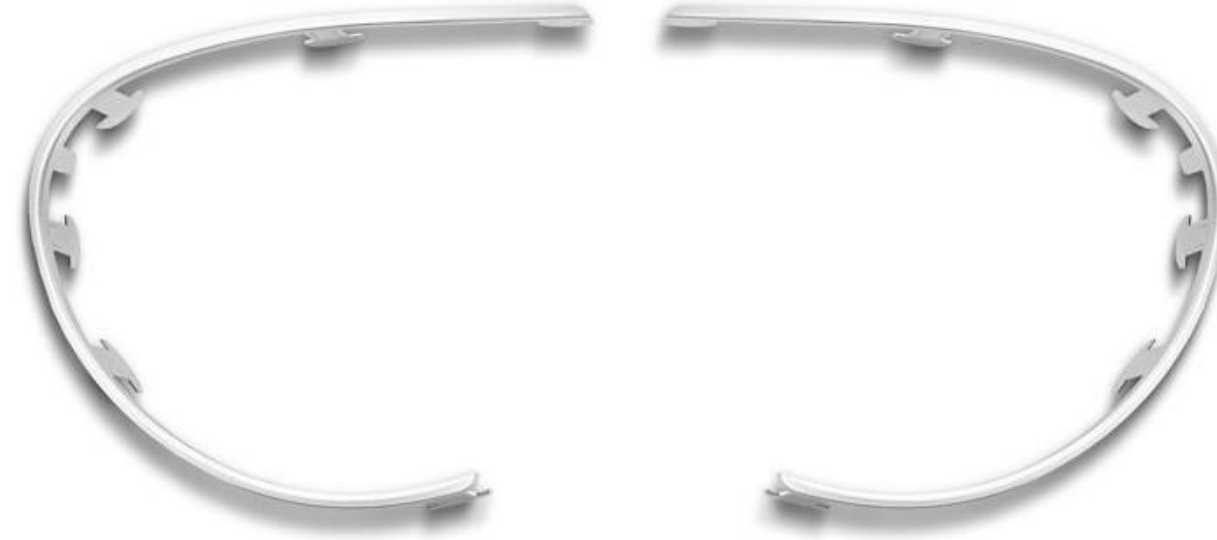


FICOSA

Fiat Egea Project



356 MCA

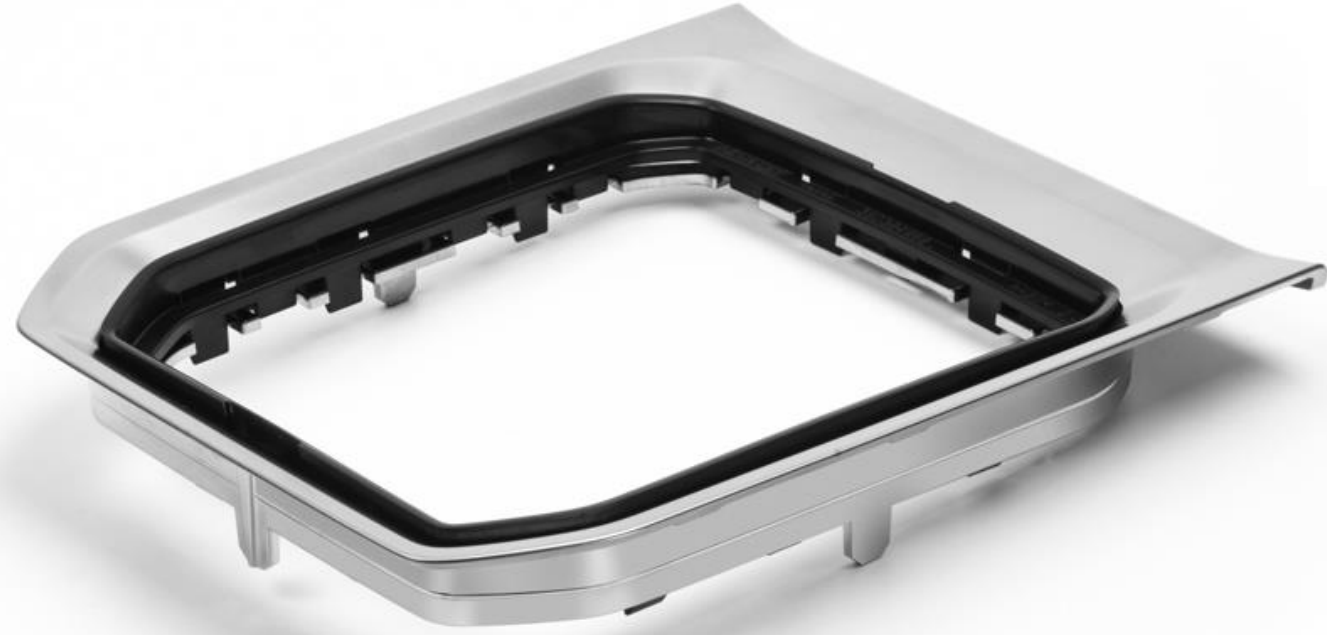


FOMPAK

Renault HJD Project (Kadjar)

SOP : June 2022
Project Time : 5 Years
#Pieces 50.000

HHN



TESCA PORTUGAL

Renault HCB Project (Scenic E-Tech)

SOP : December 2023
Project Time : 7 Years
#Pieces 120.000



BALAP

Household Appliances

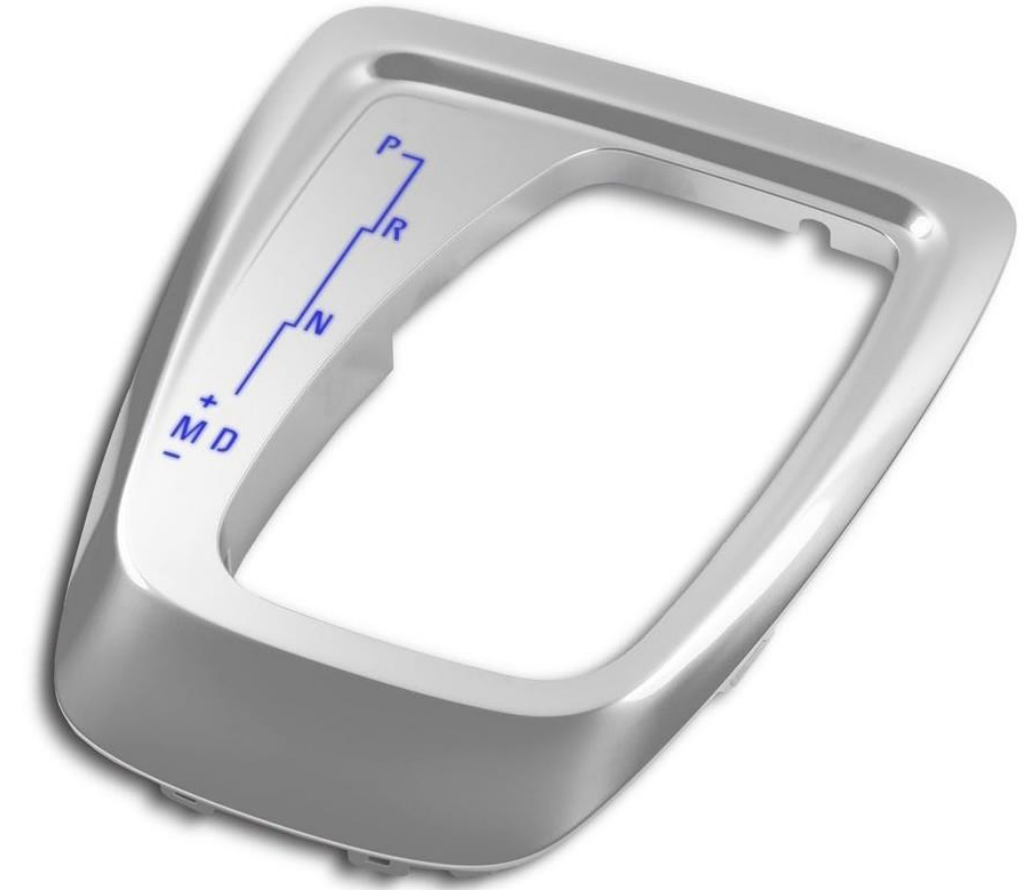


ARÇELİK | COKO-WERK | ALPPLAS | AKPLAS

Research & Development

TUBITAK approved R&D project carried out with Tofaş:
Chrome plating of domestic polyamide materials in the
automotive sector.

KOSGEB Project:
Design and development of light-transmitting
coating process on 2K injection



All try-outs and prototype production is realized in prototype small batch facility. After performing all performance tests and necessities, the new technology and new products is adapted and implemented to the serial line by sister Company ETIS for serial production.



Solution Partners

Mould Making & Injection Moulding

GATECH | ENA | SENSEI TOOLING | BALAP | PLASKAR |
OCAKTAN

Process Suppliers

OKUNO | ATOTECH | NOGA

Customers



Approved & under progress visual effects:



11CR19, 21CR17

756S GALVANO
SILVER

11CR19, 21CR17

SILVER
SHADOWSM 300H,
SM 322 SATIN205.379,
205.391

CM613

BRIGHT
CHROMIUM

Thank You

