



Press Release

July 18, 2020

‘More Than a Factory’ Construction starts at TOGG Gemlik

Drawing great attraction from Turkey and the rest of the world since its first launch, TOGG held a “Construction Inauguration Ceremony” for its manufacturing facility in Bursa Gemlik with participation of Turkish President Recep Tayyip Erdoğan. TOGG, which has come a long way in terms of engineering and development as well as supplier choices, has taken one of the most important steps in 'Journey to Innovation' with the construction inauguration of facility, which will be created with the concepts of 'Smart', 'Environment Friendly' and 'Under the Same Roof'.

At the TOGG Facility, which will be completed in 18 months including ground reinforcement works, the first serial automobile will be ready by the last quarter of 2022. The employment will start by the beginning of 2022, when the manufacturing will reach 175 thousand units a year, the number of employees will reach 4,300.

Giving information about the facility as well as other works during the ceremony, TOGG CEO M. Gürcan Karakaş said, “We have been localizing our battery and module packages since the beginning of production. The increase in the brand likeness index increased by 73 percent in a short time and this encouraged us to continue with the TOGG brand. During the pandemic period, we continued our user research and engineering studies within our plans, and we completed the work in this calendar period.”

Introduced in Turkey and across the world in the “Journey to Innovation” gathering on December 27, 2019, TOGG held a “Construction Inauguration Ceremony” for its TOGG Facility located in Bursa Gemlik, which is the most important step of its journey. One of the most important pillars of TOGG's 'Mobility Ecosystem' target, the facility is defined as 'More than a Factory' with many features such as 'Smart', 'Environment Friendly' and 'Under the Same Roof'.

To be constructed in 18 months, the facility will have the first serial vehicle off the tape in the last quarter of 2022 after the establishment of production and assembly lines. Until 2030, a total of 1 million units will be produced from 5 different models, all of which are originally owned by TOGG, with intellectual and industrial property rights.

NOW IT'S TIME TO INVEST

TOGG Board Chairman M. Rifat Hisarcıklıođlu said in his speech at the Construction Inauguration Ceremony: "We say “Now it's time to invest' in order to make Turkey have a stronger positioning in the global economy in the post-COVID period. We start this from here, from Bursa-Gemlik. We are also taking this step with a very strategic new technology. As the automotive world is changing shell, Turkey will become a very important player at the table. Hopefully, we will now be on the winning side. Because this automobile belongs to 83 million people. Because it will not only be produced in Turkey, but also its trademark, patent and design will be completely ours."

IT WILL COME WITH DOMESTIC PACKAGE

Explaining the prominent and distinctive features of the TOGG Gemlik facility in his presentation at the ceremony, TOGG CEO M. Gürcan Karakaş stated that one of the most important issues in electric vehicles is the battery, and that TOGG also continues to work intensively on this issue. Karakaş also said: “We have come a long way in the development of the battery and e-power unit architecture. We have almost reached to completion of the design of our high-tech battery that will provide over 300 and 500 kilometers of range with different packages. At this point, we are pleased to announce a very important topic for our country and for us. We will localize our battery modules and packages from the start of our production. We will share the details on this issue with you in the coming months.”

SMART, EUROPE'S CLEANEST AND MORE THAN A FACTORY

Defining the TOGG Gemlik Facilities established on an area of 1 million 200 thousand square meters in Gemlik as 'much more than an automobile factory', TOGG CEO M. Gürcan Karakaş said the facility that will have a closed area of 230 thousand square meters will have distinguished concepts of 'Smart', 'Environment Friendly' and 'Under the same roof and added:

“It is smart for having a production network that generates value with real-time data, increasing productivity with data collection and analysis, the Internet of Things.

"Volatile organic compounds" emission less than 5 gr/m², it is the one ninth of the legal limit in Turkey, one in seventh of the legal limit in Europe and it is the cleanest in Europe.

It is 'more than a factory' because apart from the manufacturing; it also have the R&D, Style Design Center, Prototype Development and Test Center, Strategy and Management Center, and more importantly, the Customer Experiment Park, where our customers will experience our cars, technology and brand with their family, deliver their cars, have a pleasant time, and encourage the next generations to technology.

WHY ARE WE TURKEY'S AUTOMOBILE?

Responding to the question why TOGG is 'Turkey's Automobile', Karakaş clarified the concepts of national and local.

Underlining that TOGG develops products owning 100% intellectual and industrial property rights, therefore products owned by Turkey and so that it is national, Gürcan Karakaş said:

“This allows us to be independent and free; we take our decisions in our center in Turkey, we are developing our own original technology, license and franchise rights; we choose our suppliers. Therefore, we are 100 percent national. But we are also local. Our rate of domestic production will reach to high rate of 51 percent at the start of production. As a country we are making electric cars for the first time, yet our supplier industry has not started to become in the direction of electric vehicles. We will trigger the transformation, we will prepare our supply industry for the future, and as TOGG, we will become a leader in the domestic production rate.”

Stating that 93 percent of their supplier selection has been completed, Gürcan Karakaş said: "Among our selections, 78 percent of them are from Turkey and 22 percent of them are European and Asian companies. But at the same time, we also found young bright entrepreneurs, who will work with a big OEM together with TOGG and made them our supplier.”

SMART;

- Increasing productivity with data collection and analysis Internet of Things,
- Has a smart production network that generates value with real-time data
- Predicting and/or preventing errors that may occur in production lines with advanced cameras and sensors
- Increasing ergonomics with collaborative robot applications and wearable technologies

ENVIRONMENTALLY FRIENDLY - EUROPE'S CLEANEST FACILITY;

- "Volatile organic compounds" emission less than 5 gr/m², it is the one ninth of the legal limit in Turkey, one in seventh of the legal limit in Europe.

- 30 percent lower Co2 emission and carbon footprint thanks to its short cycle.

UNDER THE SAME ROOF;

- In addition to production; style design, R&D, prototype and test unit, strategy and management center will be together. It is an experience center where customers can come not only to take their vehicles but also to see TOGG technology closely and have a pleasant time with the family.

TOGG FACILITY IN NUMBERS

- The construction will take 18 months including ground reinforcement works and line installations of the facility will be completed in the third quarter of 2021.
- The facility will be built on an area of 1.2 million square meters and will have a closed area of 230 thousand square meters.
- The first serial automobile will come out of the line in the last quarter of 2022.
- 4,300 people will be employed, when the capacity reaches 175 thousand/year.
- At least 30 percent of the employees at the TOGG Facility will be female employees.
- At the beginning of production, the domestic production will be at 51 percent.
- In 2025, the domestic production rate will reach 68 percent.
- 1 million-unit TOGG will come out from the lines by 2030.
- It is located 4 kilometers away from Istanbul-Izmir Highway.
- There are 3 active ports in 3 km periphery of the facility.

WHAT WAS DONE IN ENGINEERING WORKS

- The inborn electric platform was developed to receive the highest safety level of 5 stars from Euro NCAP.
- Electrical / Electronic architecture was created.
- Frame, battery, electric motor and power electronics parameters were determined and integrated,
- Suspension architecture that will support comfort, performance and handling was developed with simulation studies.
- Advanced driving support systems (ADAS), sensors, camera hardware, software and algorithms have been developed.

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About TOGG:

Established on June 28, 2018, Turkey's Automobile Initiative Group Inc. was established under the leadership of The Union of Chambers and Commodity Exchanges of Turkey (TOBB), by leading companies of Anadolu Group,

BMC, Root Group, Turkcell and the Zorlu Group via a collaboration model applied in our country for the first time. Rifat Hisarcıklıođlu is the Chairman of the Company's Board of Directors, while M. Gürcan Karakaş is the CEO.