

Groundbreaking of the Istanbul New Airport ATC Tower

Designed by Pininfarina and AECOM

Istanbul, October 26, 2016 - **Ahmet Arslan, Minister of Transport, Maritime and Communication**, inaugurated the **groundbreaking ceremony** of **Istanbul New Airport's Air Traffic Control Tower designed by Pininfarina and AECOM**. The tower, **winner of the 2016 International Architecture Award**, will be **90-meter-tall** and completed in **approximately six months**.

Construction officially commenced at Istanbul New Airport's (INA) award-winning Air Traffic Control Tower, which, once finished, will become **the world's largest airport built from scratch**. The tower, scheduled to be delivered in six months, will rise as high as 90 meters over an area of 6085 m².

Inaugurated by **Ahmet Arslan, Minister of Transport, Maritime and Communication**, the groundbreaking ceremony was attended by **Funda Ocak, General Director of State Airports Authority of Turkey, IGA Board Members** as well as **top executives of Pininfarina and AECOM**.



"Air traffic control towers have taken on a new significance in the next-generation airports, becoming an architectural design icon aside from functionality. We believe that this Air Traffic Control Tower, whose groundbreaking we celebrate today, will offer Istanbul a new city symbol and fascinate the aviation community with its unique design. With inspiration drawn from the tulip flower, a symbol in Turkish history and Istanbul's rich cultural heritage, and its aerodynamic shape, our tower will be visible to all passengers traveling between Europe and Asia. We see many of its counterparts in the U.S., Gulf States and Europe. Being the developer of the world's largest airport, we stand out in this aspect, as well." noted **Yusuf Akçayoğlu, CEO of IGA Airports Construction at the ceremony**.

"The laying of the corner stone is an important step towards the birth of this extraordinary building destined to become a real milestone for Istanbul. Today I'm particularly proud of this project as it's the evidence that, with the right team, an outstanding and sculptural design - winner of the International Architecture Award - will become real" said **Paolo Pininfarina**, Chairman of Pininfarina Group.

90 m tall 17-floor tulip tower

Back in December 2015, IGA organized a design contest for the Air Traffic Control Tower, inviting globally acclaimed designers including Zaha Hadid, Moshe Safdie, Grimshaw-Nordic, Massimiliano Fuksas, Pininfarina-Aecom, and RMJM Architects. **Pininfarina and AECOM won the contest** with a design **inspired from the tulip flower**. INA's **Air Traffic Control Tower and Technical Building** received the **2016 International Architecture Award** by the Chicago Athenaeum: Museum of Architecture and Design, and The European Center for Architecture Art Design and Urban Studies.



Uniquely, the innovative design by Pininfarina and AECOM marries **influences** from the **aviation** and **automotive** sectors with strong **architectural design**. A visual reference point for all passengers flying in and out of the airport, the ATCT will be the signature of Istanbul New Airport. The elliptical shape of the tower influences all aspects of the form and geometry of the technical building below. A number of the building's characteristics are influenced by the historical Turkish architecture, including a double-height central atrium that

has a bespoke mosaic patterned skylight. The concept for the tower and technical building is focused on the daily functional requirements of the facility and the people who use it.

Technical information:

Construction Area: 6085 m²

Height: 90 m

Number of floors: 17 + basement

Foundation Type: Raft Foundation + 30m-deep drilled shaft foundation

Carrier System: Reinforced concrete & steel construction

Façade materials: Glass fiber reinforced concrete will be used to create organic curvy forms on the tower façade.

Tower Control level: Two-floor control level with an employee capacity of 16. Control floors will have a glass façade enabling a 360 degree panorama view, while providing reflective and acoustical comfort.

Technical building: Cafeteria, gym & squash courts, offices, recreational rooms, seminar hall, meeting rooms.

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