

JUSTIFICATION

TIDCO has conducted its basic level prefeasibility studies on identified potential sites. In order to take the process to next level, TN Government has asked AAI on 29.10.2021 to conduct technical prefeasibility study on those four sites. Airports Authority of India (AAI) had visited the above sites in February 2022 and conducted a Pre-Feasibility Study for the Proposed Greenfield Airport near Chennai.

The objective of this study was to evaluate potential four sites identified by Government of Tamil Nadu with respect to their suitability for Development of the Airport. The report was submitted by AAI in March 2022 documenting the findings of this study. The details of the four sites have been outlined below.

1. Parandur: The site is located northwest of Sungavarchatram.
2. Pannur: The site is located northeast of Sungavarchatram.
3. Thiruporur: The site is located southeast of Chennai (between ECR and RG Road).
4. Padalam: The site is located 20 kilometers south of Chengalpattu.

As per AAI findings in the Pre-Feasibility report, the sites at Parandur and Pannur were found to be most suitable for the Development of the Airport. Based on AAI's recommendation, due diligence, and consideration of factors such as land availability, travel distance, infrastructure development cost, airspace availability and existing obstacles around site, the Government of Tamil Nadu finalized the site at Parandur for the Development of the Chennai Greenfield Airport (CGA).

- The Proposed Chennai Greenfield Airport (CGA) Project is proposed at Parandur near Chennai in Kanchipuram District, Tamil Nadu.
- The Proposed Chennai Greenfield Airport (CGA) Project involves dual Runway length 4040m x 45m, Taxiway, Apron, Isolation Bay and construction of Terminal building & Miscellaneous works, other developments in future, which requires land area of about 2172.73 Ha (5368.93 acres).
- The project site benefits from excellent connectivity with Chennai City and its surroundings through the well-established Bangalore-Chennai 4-lane National Highway NH-48 and State Highway SH 120 & SH 58.

Ecological sensitivity:

- There are no Eco sensitive areas within 10 km distance from the site thus wildlife clearance is not required.
- There is no CRZ, biosphere and critically polluted area, state, and national boundary within 10 km distance from the site.
- There is no forest land involved thus forest clearance is not required.

- Parandur lake, a man-made wetland with an area of 201 Ha was present adjacent i.e., 1.4 Kms from the project boundary.
- The current land use pattern of the proposed airport project is Water Bodies, Agriculture and Settlements.
- The seismic zone of the project area falls in Zone III.

Economic Benefits

Keeping in view of the future traffic growth, the development of additional airport at Chennai will provide direct and indirect benefits as follows:

- Better infrastructure facilities for air passengers.
- Promotion of tourism, trade, commerce, etc.
- Increase in regional economy as it will boost tourism and commercial activities in the region.
- Generation of more revenue to the state, hence more development of the region.
- More employment opportunity to people.
- More business and industrial opportunities.