

FACTSHEET ON THE THIRD AVIATION CHALLENGE

CAAS inaugurated the Aviation Challenge in 2014 with the objective of developing innovative solutions to automate labour-intensive processes in airport operations.

The third Aviation Challenge seeks to enable solutions that will help address Changi's long-term challenges arising from strong air traffic growth. It will adopt a thematic call for proposals, focusing on the theme of "Innovation for Seamless Ground Operations", and will take a modified approach from the first two Aviation Challenges. Applicants are invited to identify and define a specific problem statement relating to the following opportunity areas:

1. Automated Apron
2. Optimisation of Airside Capacity
3. Data-driven Airport

To foster greater collaboration in the innovation process, the third Aviation Challenge is inviting proposal submissions by consortia formed between end-users and technology providers. This will enable the development of the technologies to be guided by domain expertise and end-users' requirements, to facilitate subsequent implementation of the solution.

A total of S\$9 million from the Aviation Development Fund will be available to successful applicants. A portion of the grant will also be allocated for initial implementation of the solutions after prototype development and demonstration.