

Aéroport «Roland Garros» - RUN - Saint Denis, Ile de la Réunion

Direct Client SA Aéroport Roland Garros
Réunion

Final Client -

Year 2017 - 2024 (on going)

Traffic forecast 3.5M pax/year

Project Value 15.000.000 € (BHS only)

Provided services Concept, final and construction design with BIM, dynamic simulation, technical evaluation of tenderers, works supervision for the new BHS with EDS Standard 3 equipment



Project Description

Expansion and refurbishment project of the passenger terminal at Saint Denis Airport, Aéroport de la Réunion 'Roland Garros'.

AD-ET has been responsible for the BHS design in close collaboration with the other designers of the joint venture: AIA Architectes (Lead), AIA Ingegnerie, AIA Environment, Olivier Brabant Architecte, ATÉA, INCOM, INSET.

The project has been entirely conducted following the BIM methodology for interdisciplinary coordination and clashes resolution.

During the construction activities, AD-ET ensures weekly meetings both in person and remotely

The new BHS has been designed to provide a throughput higher than 1857 bags per hour. It is intended to handle aircraft of classes C, D, E, and F, with the most common types being B747, B777, A350, and A330, employed for connections to and from Europe. It includes:

- Technology: belt conveyors
- 3 EDS Standard3 + 2 RX machines
- 42 check-in desks
- 4 arrival carousels
- 3 make-up carousels
- Arrival and departure lines for OOG bags
- Over 500 components in total

The need to keep the terminal operational during installation, the proximity of the ocean (saline atmosphere), and the physical constraints in the existing building were key factors during the design phase.

