



Dublin Airport Terminal Master Plan

THE TASK

TPS were part of a consortium commissioned to undertake a master plan and associated terminal and pier developments at Dublin International Airport. The development was intended to accommodate the forecast increase in annual passengers from 14 million to 30 million and beyond. The consortium included Project Management Ltd of Dublin and architects Skidmore, Owings and Merrill of New York.

The project was divided into three phases, comprising the master planning phase, planning application approvals and then progressing to design for identified projects. The project also included a comprehensive and integrated monthly consultation process, ensuring the involvement and contribution of all stakeholders at Dublin Airport and the wider public and business community in its future development.

TPS provided the following specialist functions throughout the project:

- airport master planning
- terminal facility design and simulation
- airside planning layout and engineering
- baggage handling systems advice
- security/counter-terrorism assessment

Throughout the project, the use of simulation tools played a key part in the analysis, from our initial assessment of terminal capacity through to detailed analysis of future concept options. These tools included the airside simulation tool “Pathplanner” and “Witness” passenger terminal simulation for all terminal capacity assessments.

PROJECT PROFILE



CLIENT

Air Rianta /
Dublin Airport Authority
(DAA)

PROJECT VALUE

£40m

SERVICES

- Airport Planning

FURTHER DETAILS

Please contact

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