



Consultancy

Feasibility Study for the expansion of Kerry Airport (Republic of Ireland)

Kerry Airport PLC / Construction budget: 22 million euros
Traffic forecasting / Feasibility studies / Masterplanning (2007-2008)



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AERTEC Solutions was commissioned by Kerry Airport PLC with the preparation of a feasibility study for the expansion of the airport.

This study estimated the possibilities for growth of the airport and set out the strategy for the development of the airport according to the traffic forecasts developed by AERTEC Solutions.

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Description of the complete services provided by AERTEC Solutions staff within the assignment:

- Preparation of feasibility study including a decision strategy matrix
- Capital expense, operation costs and operating strategies
- Socio-economic effects on local area and inhabitants
- Noise contour and emissions studies, impact mitigation measures
- Land management and planning
- Forecast of future aircraft operations and cargo demands followed by a cost benefit analysis
- Study of the potential for future expansion and compliance with international regulations as well as ATM procedure optimisation
- The feasibility study also included (covering best, worst and average case traffic scenarios):
 - New terminal building
 - New control tower and NAVAids
 - Runway optimisation
 - Expansion of taxiways and apron
 - Expansion of car park
 - New fire station (including associated services)



Along with the feasibility study, AERTEC Solutions also prepared:

- A health & safety plan
- An environmental impact assessment
- Fire & planning certificate
- Revisions of the topographical and geotechnical surveys supplied by the airport

