

ASSET MANAGEMENT BASED ON LIFE CYCLE COSTING

Airports and strategic Asset Management based on Life Cycle Costing The S&G Approach

Airports are very complex organizations. A well thought-out investment policy and a sound maintenance system are essential to make an airport function properly. Budgets have to be spent very effectively. That is why clear insights in economic optimal decisions about investments and maintenance are of great importance. These insights will automatically lead to considerable cost savings, up to 30%



Through advisory and workshops S&G and partners has dealt with a lot of different subjects, regarding specific aspects of Asset Management for airports.

Hereunder we will give you a shortlist of some of the studies and cases S&G has performed.

Please do not hesitate to contact us if you wish to receive more information about a specific subject.

S&G and partners are specialized in helping airports to make the asset costs and maintenance activities visible over the entire life cycle of the assets, taking into account all future costs and possible cost patterns based on existing data and sensitivity analyses.

S&G and partners are a 'teaching' consultancy: learning our customers how to work properly with Life Cycle Costing principles and our specialized software (LCC-AM/QM and LCC-Lite) after implementation, so that they can perform Life Cycle Costing analyses independently.

S&G is working and has worked (directly or via local business partners) with airports in the United States, the Caribbean and in Europe.

For a large Dutch airport for instance S&G has educated more than a hundred members of the technical (engineering) and financial staff regarding Asset Management based on Life Cycle Costing.

In this organization a life cycle costing justification is required for all investment decisions regarding terminal management.

Cases:

- Tender new cooling installation;
- Tender new rolling ways on pier;
- Common use self-service check-in;
- Optimizing replacement of rolling handrails;
- Lightning protection: risks and costs;
- Replacing steel apron ceiling;
- Optimizing maintenance transformers;
- Lighting landing strips and platforms;
- Costs benefits analysis sanitary cubicles;
- Replacement policy monitors;
- et cetera

Studies:

- Analyses energy costs and tariffs
- Enlarging capacity local power plant airport;
- Lounge quick-scan long lasting energy solutions;
- Tender automatic people mover;
- Feasibility new heat power plant;
- Investigation new luggage transport system;
- Analyses fixed asset files.

Business references:

Please contact us to obtain business references regarding the quality of our services and products.

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