



OPTIMIZED ASSET REPLACEMENT MODELLING

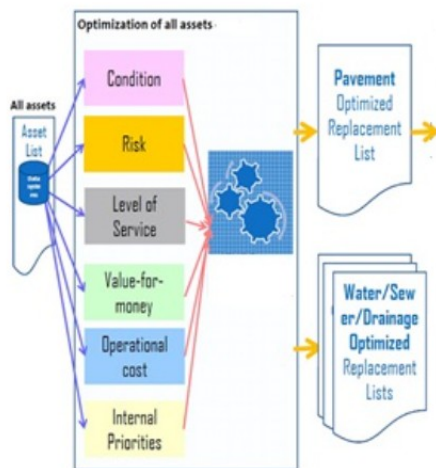
This seminar addresses how asset replacements are modelled and optimized; knowledge critical to financial professionals who are the ultimate custodians of their organization’s assets. This program covers the knowledge needed as well as guidance to the relevant questions asked of modellers, mostly engineers, and to clarify the concepts and assumptions behind the modelling that may have impacts on the sustainable funding for replacement of assets.

Prerequisites:

There are no prerequisites for this course

Time:

2 days, 4 hours each day



Day 1

- > Fundamental concepts of asset replacement modelling
- > Replacement modelling criteria
- > Data modelling: Condition and Risk
- > Exercise 1
- > Data modelling: Levels of Service, Life-cycle-cost and Value-for-money
- > Exercise 2

Day 2

- > Industry software and implementation requirements specifications
- > Optimization and Cross-Optimization
- > Exercise 3
- > Transforming model outputs to capital works
- > Performance review and reporting