



Providing enterprise software solutions, research, project implementation and consultant support

LCC

Enabling business to identify, measure and control total whole-life costs and environmental impacts and the hazards, risks and uncertainties associated with industrial schemes, products and processes.

LCC - Overview

LCC (Life Cycle Costing tool) is a total cost assessment tool which enables examination of the whole life costs associated with infrastructure projects and assets with explicit account of hazardss and risks, evaluation of uncertainty and full carbon accounting.

The intelligence provided by LCC can be used during planning, construction, operation, decommissioning, policy-making and investment appraisal.

LCC incorporates a wide range of cost types in order to obtain the whole life perspective:

- Type 1: Direct (e.g. construction and operation)
- Type 2: Indirect (e.g. corporate overheads)
- Type 3: Contingent liability (e.g. asset failures and accidents)
- Type 4: Internal intangible (e.g. relationships)
- Type 5: External intangible (e.g. global emissions)



LCC - Benefits

LCC captures the full costs within a defined framework and is adaptable to any cost model. It rigorously examines the costs associated with maintenance and unexpected events and failures, and the uncertainties associated with these costs, thereby improving asset management.

- The use of Monte Carlo assessment in LCC allows the visualisation of the impact of probabilistic events along with their associated costs over time.
- Quantifies uncertainty of total scheme costs.
- Identifies future liabilities and financial exposure to hazards and risks.
- Supports investment decisions with account of construction and operational risks.



Tools

Gnosys Ecometrics offers a number of other software tools that can be fully customised to address the unique needs of any customer in any industry. All of our software products have been tested in the real world, on real projects.

Please ask us about our other tools; LCA, LCC & EcoPoint.

Our solutions are the result of academic research combined with industrial application and are proven to offer unique abilities to analyse and control the three areas of economic cost, environmental impact and risk.

Ecometrics

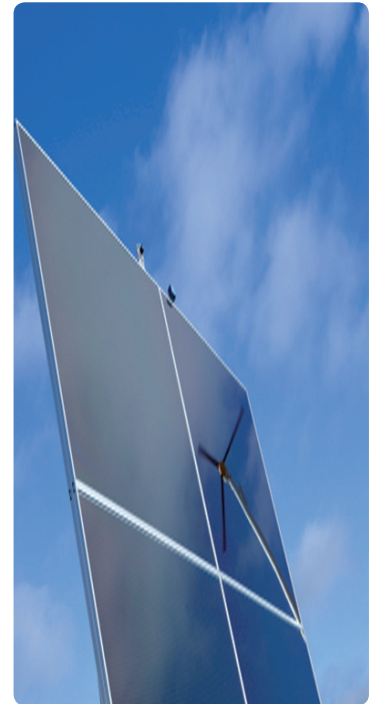
Gnosys Ecometrics is experienced in and support a wide range of industrial activities from large infrastructure projects, including asset policy and management, through to product/process eco-design, including product manufacture, remanufacture and recycling.

In all areas we offer the benefit of complete visibility of life cycle costs, environmental impacts and risk assessment. Additional advantages include the explicit management of liability costs and account of the prospective benefits arising from carbon accounting and offsetting.

Our solutions are extremely flexible and can be adapted to address the unique inputs and outputs of any conceivable project, process or product. Drawing on the best academic research in the field and proven successful application, Gnosys Ecometrics are the experts to turn to for the environmental, economic and business/social sustainability of your products and activities.

About Gnosys

Gnosys Global Limited is a multidisciplinary science and technology company that, as Gnosys Ecometrics offers software solutions, customisation services and expert consultancy. The result is a broader and more informed view of the actual environmental and economic performance of projects throughout the entire lifecycle and across a broad range of industries.



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