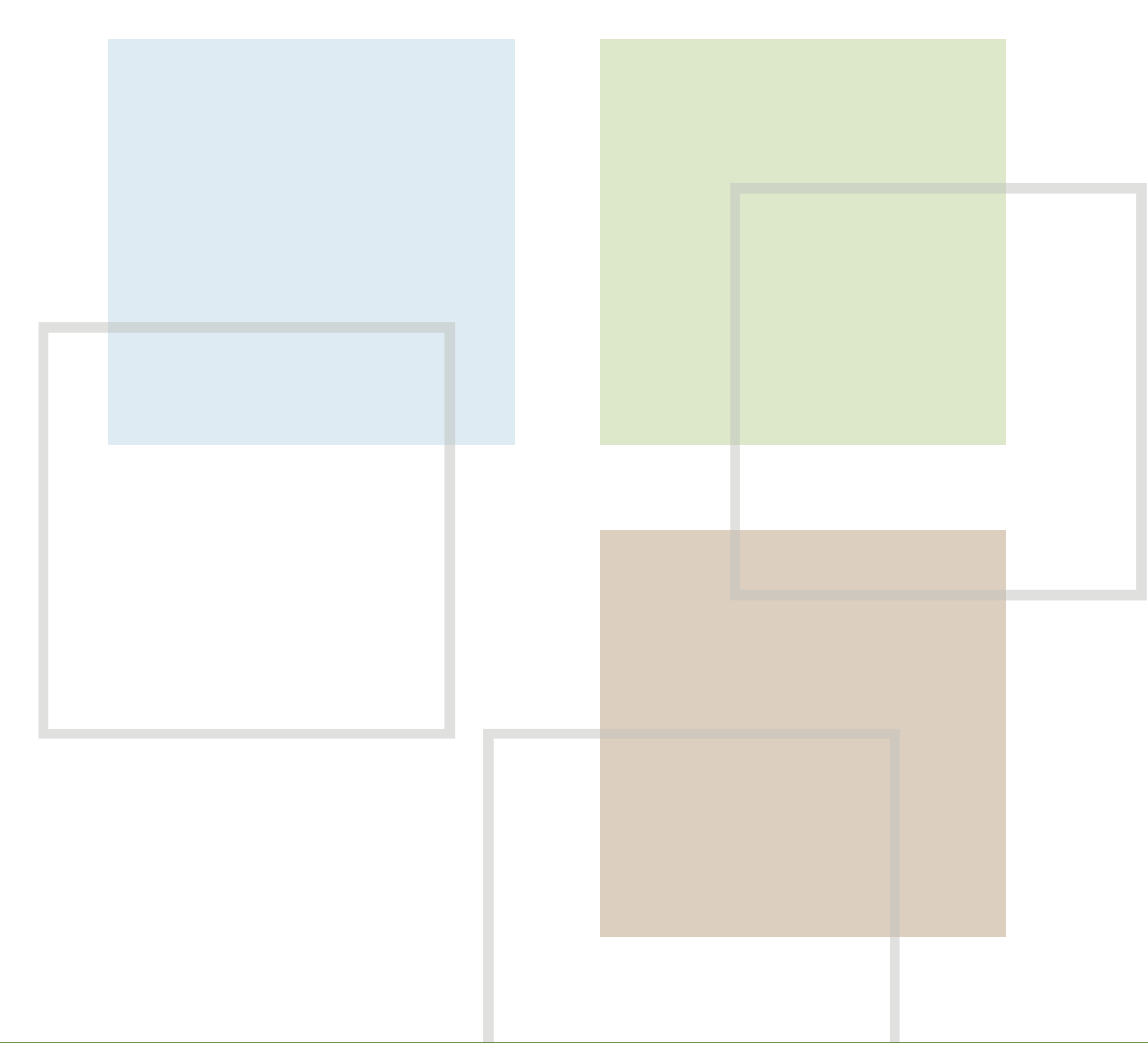




STRATEGIC RISK MANAGEMENT

Reducing Environmental Liabilities



NewFields strategic risk management approach is applicable to the assessment of individual sites or a portfolio of sites in the context of redevelopment, portfolio risk management and acquisition and divestments. We focus on receptor point of compliance closure criteria, net environmental benefits, sustainable land management and skilled communication to address socio-political constraints.

Our approach to problem solving combines engineering and practical experience, advanced analytics, knowledge management, decision theory, and cognitive science. These skills are applied to identify a practical path to understanding costs and uncertainties, create trust on the part of stakeholders, and reduce business risks.

Map to Success: Obstacles along the Path

NewFields’ senior practitioners are experienced in the challenges their clients encounter when making important decisions that affect their bottom line. Some of these include:

- Unrealistic objectives and simplistic metrics
- Understanding the costs and uncertainties (i.e. data gaps) in reducing environmental liabilities
- Adequate communication and engagement with stakeholders

NewFields offers a fresh set of eyes and a suite of services to support client decision-making in liability management:

- Integrated data management and GIS – To help you and your stakeholders gain a common understanding of the condition of a site or sites.
- Combined strategic thinking and technical skills – To ensure all your possible options are considered and carefully assessed.
- Decision Consequence Analysis – Our in-house developed method to help you understand all the potential options for a site and the likely financial benefits and drawbacks of each option.
- Communication and visualization tools – To ensure that all stakeholders in a project can understand the site data, the options for a site and the reasons why decisions were made.

Decision Consequence Analysis (DCA)

Decision Consequence Analysis (DCA) is the framework for implementation of Portfolio Analysis. DCA creates structure out of the chaos that arises from multi-discipline dilemmas buffeted by conflicting objectives and/or beliefs. This structure must be molded out of the confusion of regulations, data, and objectives. The confusion is often exacerbated by fear of the unknown or resistance to change. NewFields’ practitioners provide the antidote to chaos and confusion and DCA offers insight into your decision alternatives to help you understand and find the pathways to success as well as the tools to explain to stakeholders.

The discipline of DCA creates a structure for defining the relationship between objectives, uncertainties, costs, and benefits. Together we master these complexities, sort the way through them, and select the path to your business success. DCA consists of three primary phases:

<div>1</div> <div>Structuring Phase</div> <ul style="list-style-type: none">• Define Decision Makers (DCA Team)• Define Problem/Decision• Develop Universal Agreement of Current Environment• Determine Decision Triggers	<div>2</div> <div>Evaluation Phase</div> <ul style="list-style-type: none">• Brainstorm Objectives and Performance Metrics• Brainstorm Alternatives• Calculate Consequences and Trade-offs• Develop Decision Trees• List Uncertainties/Address Data Gaps	<div>3</div> <div>Agreement Phase</div> <ul style="list-style-type: none">• Implementation• Partnering
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