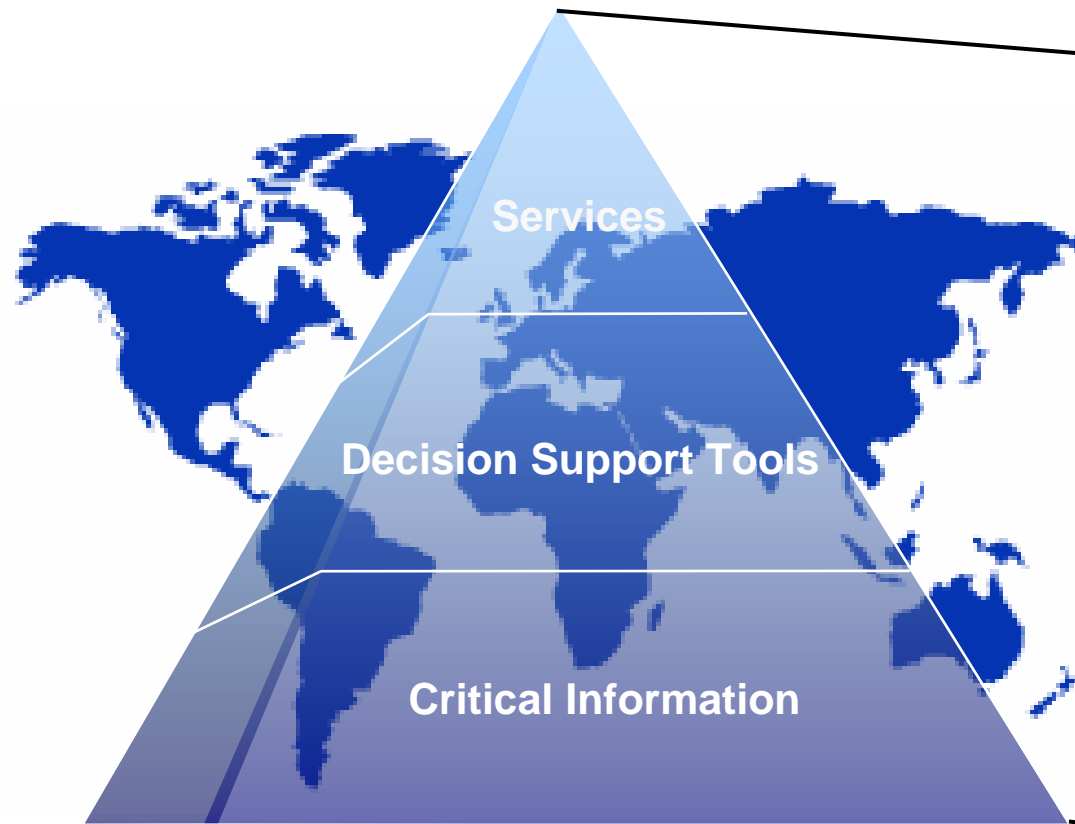




The Source for Critical Information and Insight™

IHS SITE SCREENING SOLUTION

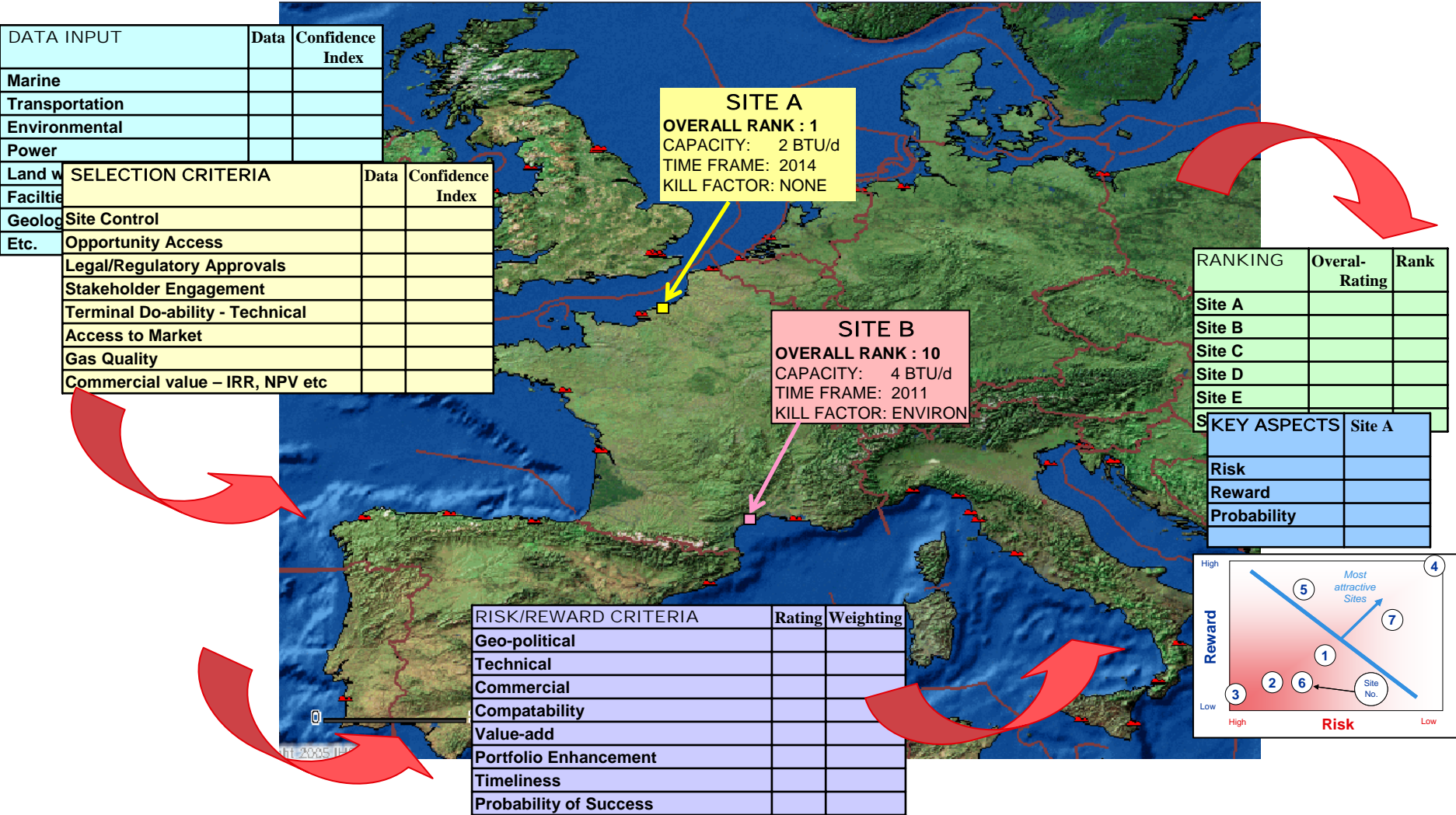


Site Screening Solution

- Leverages full spectrum of offerings from IHS
- Integrates information from the unrivalled databases of IHS with expert consulting services, providing bespoke, client-driven technical solution
- Enables rapid global to regional focus

IHS Site Selection Solution

- Integration of GIS technology with risk-reward/balance analysis
- Enables fast rating, ranking and screening of potential sites for major facilities



What is it?

- A custom-built system designed to automate key aspects of the workflow associated with the screening and selection of potential site locations for facilities requiring major investment decisions
eg. LNG regasification plants, power stations, refineries etc.
- A system affording a transparent, structured and consistent decision-making process enabling customers to quickly rate, screen & rank potential sites

Comprises two components:

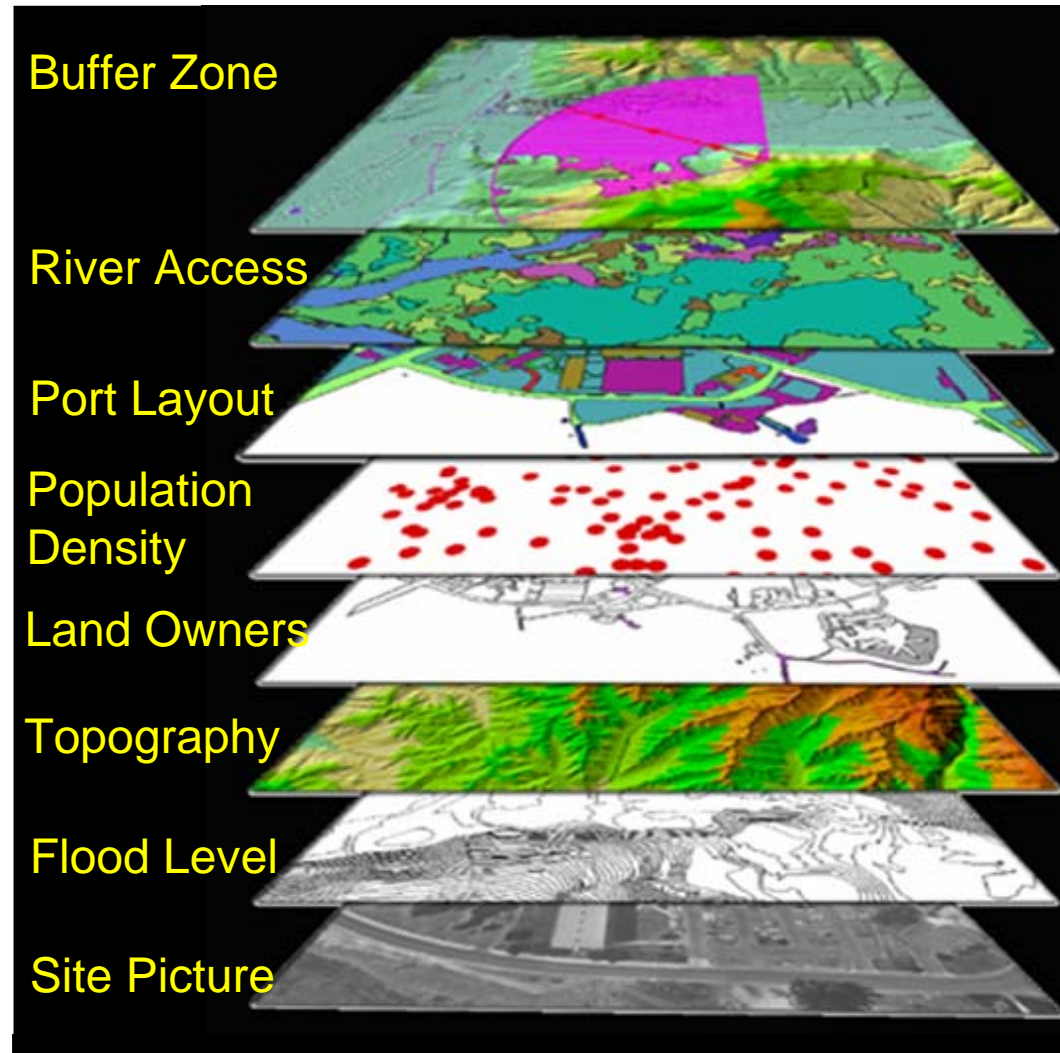
- GIS platform for integrating and accessing multiple data sources into a single viewing and analysis tool – provides high level screening of potential sites
- Decision Support System (DSS) providing an interactive risk-reward analysis toolkit using a balanced scorecard approach for the scoring, weighting and ranking of multiple sites with results aggregated to a single site value - enables detailed "drill down" of site suitability

GIS Platform – Sample Spatial Layers Output



Fast, efficient and streamlined data analysis for facilities site selection

- Rapid access to multiple site-specific data types
- Easy visualisation of trends and relationships
- Quickly manoeuvre between layers
- Rapid zoom-in from regional to site-specific area
- Provides high-level prioritisation of potential sites



Decision Support System (DSS)



Generic Criteria for Analysis of Risk-Reward Balance

<u>Risk</u>	<u>Category Weighting</u>	<u>50%</u>	<u>Reward</u>	<u>Category Weighting</u>	<u>25%</u>	<u>Strategic Fit</u>	<u>Category Weighting</u>	<u>25%</u>
<u>Criteria</u>	<u>Rating Score</u>	<u>Criteria Weighting</u>	<u>Criteria</u>	<u>Rating Score</u>	<u>Criteria Weighting</u>	<u>Criteria</u>	<u>Rating</u>	<u>Criteria Weighting</u>
Environmental		10%	Netback		30%	Portfolio Compatibility		100%
Technical		15%	Improved Infrastructure		15%	etc.		
Commercial		15%	PR benefits		10%			
Stakeholder Engagement		10%	IRR		20%			
Legal / Regulatory		15%	NPV		15%			
Access to Markets		10%	etc.					
Health and Safety		25%						
etc.								

- Matrix allows users to score and rank multiple sites based on predetermined criteria, through a balanced scorecard approach
- Results of the rating and weighting from multiple criteria are aggregated to a single site value
- Matrix has editable default weightings, facilitating sensitivity analysis
- Underlying database incorporates a record of thought processes behind each criteria rating, providing an audit trail of the risk-reward balance analysis



A custom-built system providing:

- Fast, efficient, consistent and auditable decision-making solution for optimal siting of major industrial facilities
- Rationalisation of subjective and quantitative information on a consistent basis
- Output from multiple risking and ranking criteria consolidated to one value, affording fast comparison
- Data and risk analysis output represented as easily accessible spatial layers integrating with client applications
- Data collection and integration carried out by IHS, saving client substantial time, manpower and money
- Access to IHS databases and consulting expertise, providing unrivalled depth and breadth of information for evaluating critical considerations including environmental impact, biodiversity, legislative compliance, gas and power infrastructure etc.
- Bespoke solution tailored to client needs – frequent consultation throughout the project, with workshops as necessary