

# PETROSYS

## Prospects & Leads Database

# PLDB™

### *Team Based Stochastic Resource Management*

Management and valuation of an exploration and development portfolio requires consistent and auditable aggregation of the technical opinions of your G&G and engineering team with commercial data and drilling outcomes, to provide a framework for making effective drilling and investment decisions, and to report accountable resource estimates.

You need to assess your exploration and development opportunities fairly and consistently; aggregate your prospect assessments into programs and portfolios so they can be examined as groups as well as single opportunities; and analyse your portfolios to help decide which prospects to drill and which programs to undertake.

**PLDB™ (Prospects and Leads Database)** is a powerful team based solution for creating and analyzing a secure repository of your prospects, leads, plays and opportunities. Geoscientists and engineers can enter technical and commercial data and opinions as these become available. Stochastic assessment of the opportunities can be run at multiple levels of aggregation, and management is able to roll up the value of a portfolio at any stage.

### **Collaborative Resource Management**

PLDB eliminates the data delays and errors created by sharing complex collections of spreadsheets. It captures more information about how data and opinions were provided, so that portfolio assessments can be ratified even after team members have moved on. It allows tailoring of the selection of prospects into portfolios for the creation of preliminary assessments and what-if's on historic ones.

### **Understand and Manage Risk**

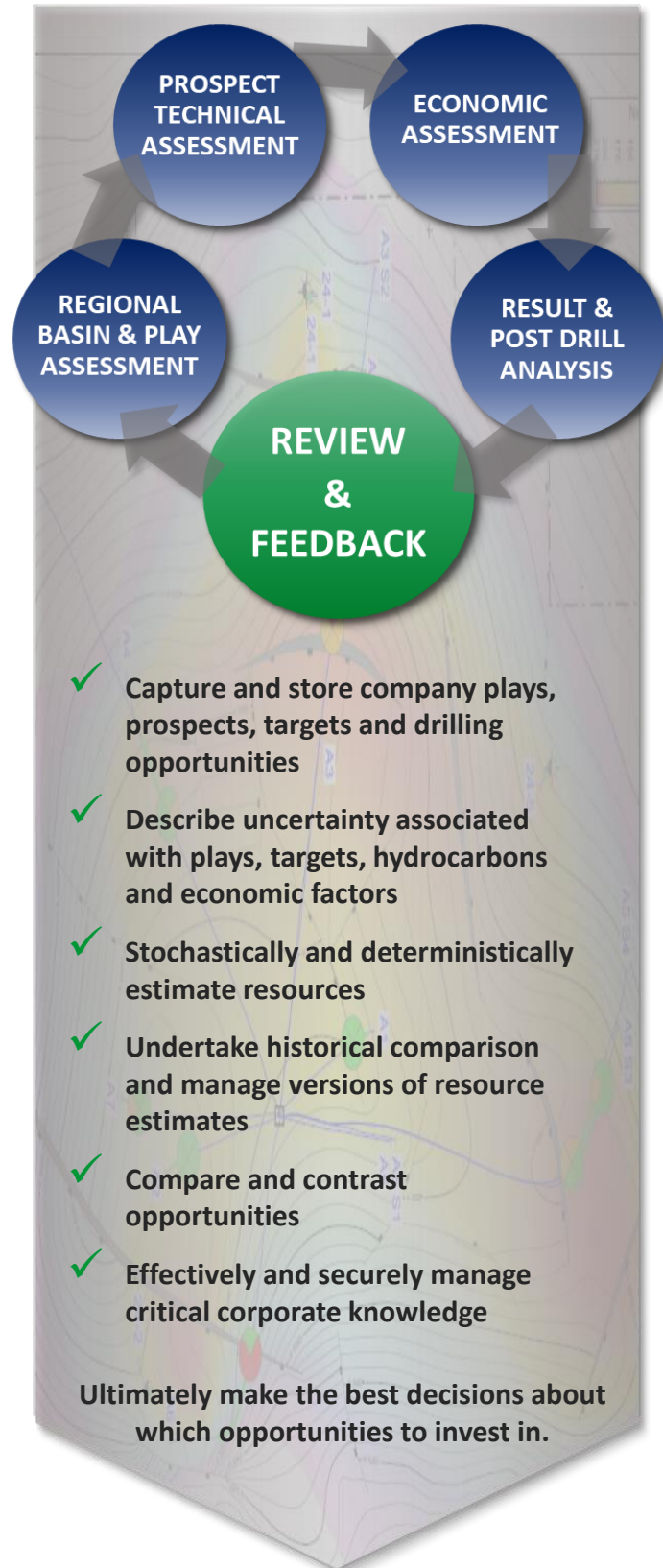
Quantify and qualify the resource and value potential of exploration and development opportunities, enabling more timely and effective decision making.

### **Accelerated Decision Making**

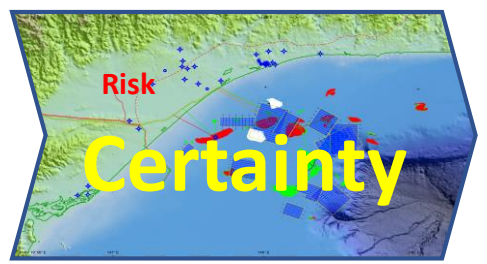
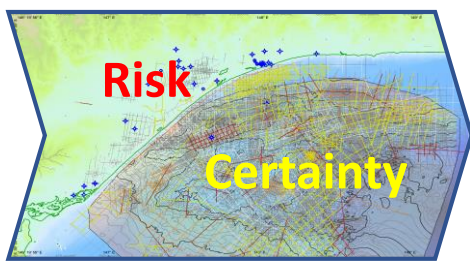
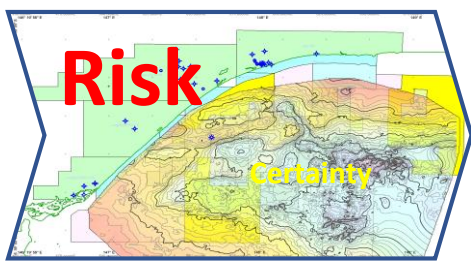
Conceptualise, develop, summarise and validate technical assessment of resource potential/risk and the programs required to deliver reserves and production improvements.

### **Centralised Knowledge Base and Data Integration**

- Map, browse and report from a dynamic web-based portal.
- Seamlessly integrates with Petrosys PRO desktop
- Effectively integrates with PPDM data management solutions: linked to Petrosys well data management, PLDB provides organizations with a complete solution to manage the asset lifecycle.

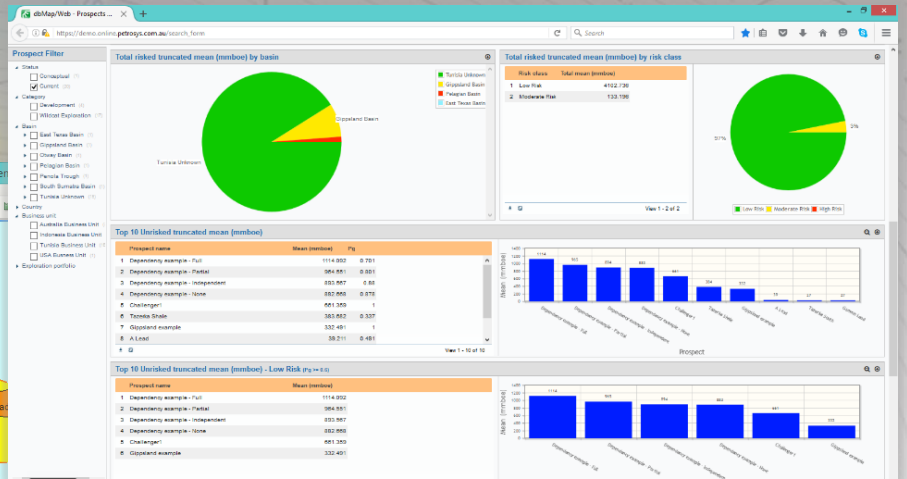
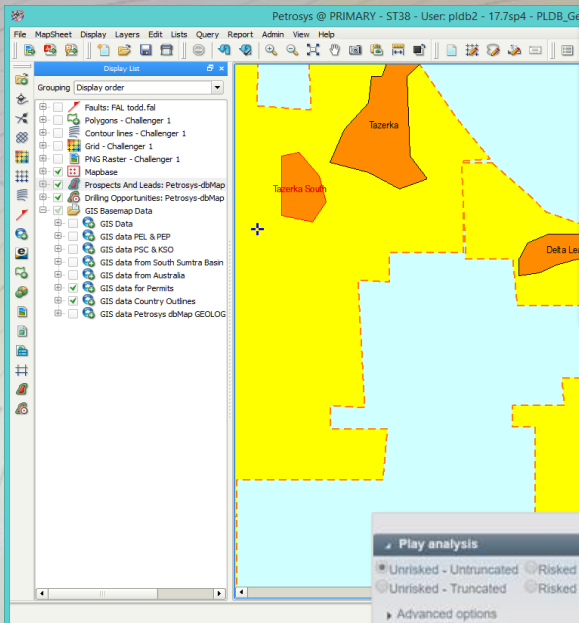


*“We know petroleum data”*



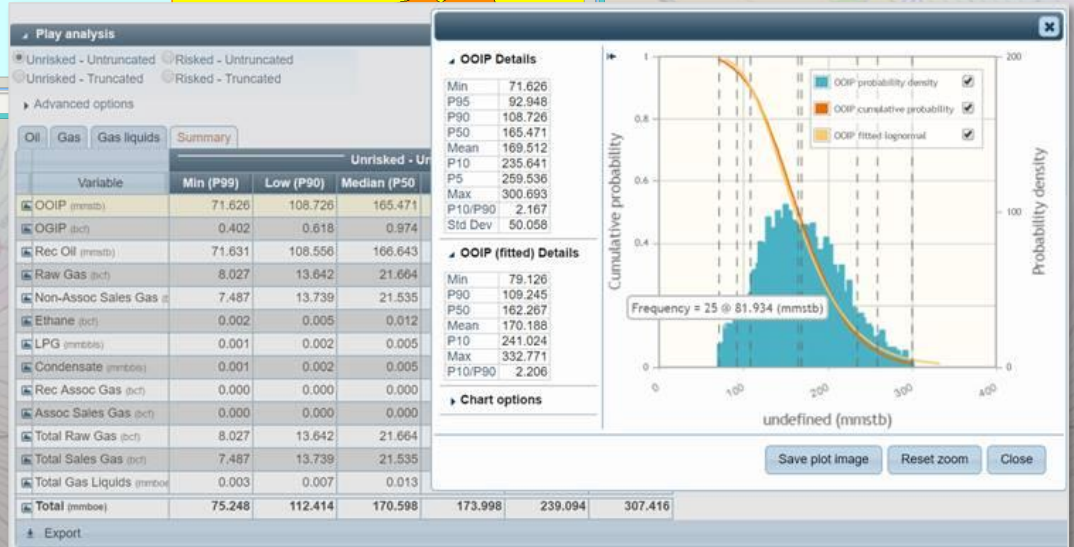
Implementing industry standard risk assessment and portfolio management concepts, PLDB empowers geoscientists to consistently describe, combine, visualise and quantify risk and value potential at all stages of the E&P lifecycle. PLDB is the basis for implementing a corporate culture around consistent assessment of resources to allow credible, auditable, transparent and repeatable aggregation of E&P asset values.

Below: PLDB is effectively integrated with technical mapping workflows to allow geoscientists to share knowledge.



Above: Management dashboards and interactive charts bring key facts about portfolios into perspective.

Right: PLDB uses stochastic to determine resource size, providing a range of potential outcomes in P10, P50 and P90 form.



## Petrosys Understands Data Management

As an independent mapping and data management software specialist, Petrosys understands the challenges that energy professionals face. The PLDB solution and data model is built on 20+ years of active use, starting with industry standard concepts and being progressively linked with other E&P data including the PPDM standard. The associated PLDB data management tools and user interfaces are a working solution that is readily configured and extended to meet individual corporate needs and to incorporate company-specific algorithms for resource aggregation.