

GeomodL presents

# Flash Geomodelling™

Fast & Rigorous static modelling...

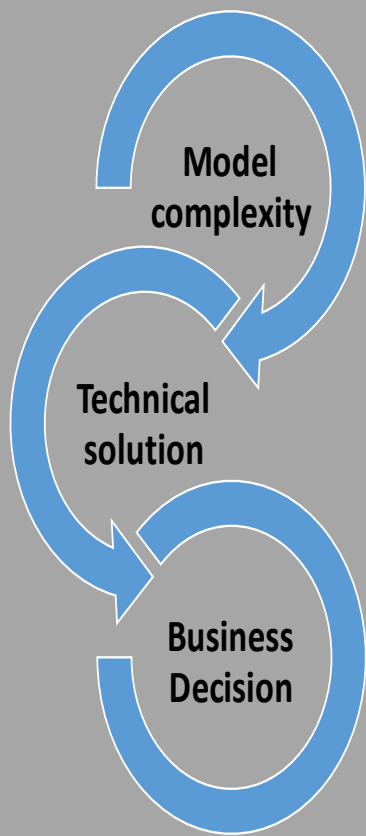
**Service Brochure**



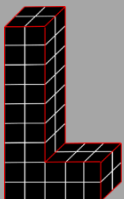
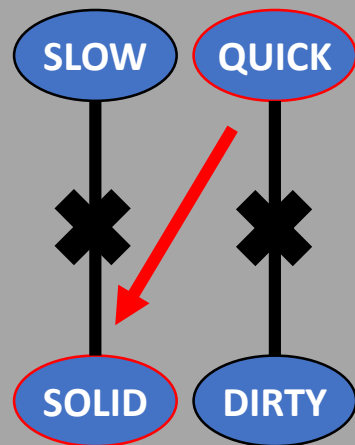
[www.GeomodL.com](http://www.GeomodL.com)

# Flash Geomodelling™

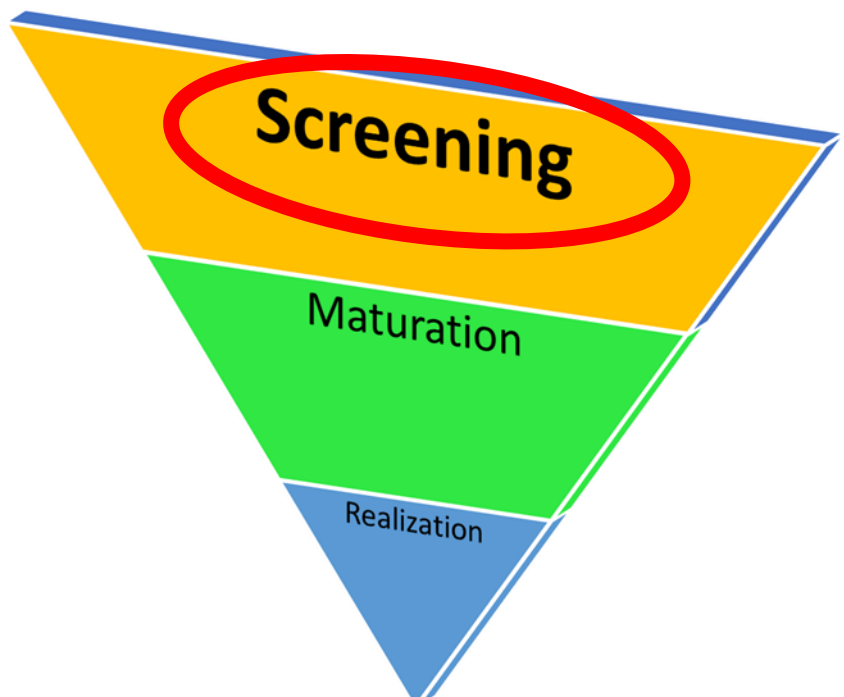
## Right Modelling Approach



## Break paradigms



- GeomodL latest flagship service
- **A base case static model building + full Volumetrics uncertainty analysis**
  - Build “Best in Class” subsurface expectation case
  - Generate a realistic subsurface Volumetrics range
  - Hold all the aces to enable sound decision making
- **Following the Right Modelling approach (Lazar, R., 2016)**
  - Dramatically reduce the chance of undermodelling the reservoir (not providing a technical solution)
  - Avoid overmodelling the reservoir (losing technical relevance by being Precisely Wrong)
- **2 weeks (14 days) turn around time guarantee**
  - Step up from “quick and dirty” first pass model
  - Save up time by not diving into details too fast too early
- **Ideal format for first pass static model**
  - Top down approach: screen the essentials
  - Develop the first understandings of the reservoir
  - Identify critical reservoir parameters
  - Serve as starting point for further focussed work
- **Use the most common geomodelling platforms**
  - Petrel
  - JewelSuite / Petrosigns
  - Decision Space Geomodelling



# Flash Geomodelling™ workflow

- 1) Kick off session
- 2) Developing reservoir concepts
- 3) Structural model
- 4) Fast track seismic inversion (if data quality permits)
- 5) Zone model
- 6) Property model
- 7) Base Case Volumetrics
- 8) Feedbacks / discussion with client
- 9) Uncertainty analysis brainstorming
- 10) Sensitivity analysis
- 11) Feedbacks / discussion with client
- 12) First probabilistic Volumetrics runs
- 13) Final integration
- 14) Wrap up Presentation & Handover data to client



## Flash Geomodelling™ application

### Exploration:

- Build a static model before the prospect is drilled

### New discovery:

- Quantify the size of the prize

### Drilling Preparation:

- Increase the chance of fulfilling the well objectives

### Post drill update:

- Upgrade your subsurface insights with new data

### Mature field:

- Ensure you have turned all the stones

### Non Operated Settings

- Cross check partner subsurface work

### Farm in ambition

- Ensure you understand the opportunity and threat

### Marginal fields

- Achieve the best practice of 1 field = 1 static model

## Case Study

- 1) New discovery, carbonates reservoir, South East Asia
- 2) New development, carbonates reservoir, Australasia
- 3) Mature Field revisit, clastics reservoir, Western Europe
- 4) Ultra Mature Field review, carbonates reservoir, Western Europe

CONTACT US TO

REQUEST THE

FULL

TECHNICAL

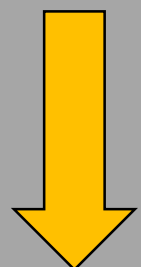
BROCHURE

AND

START HUNTING

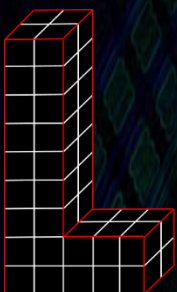
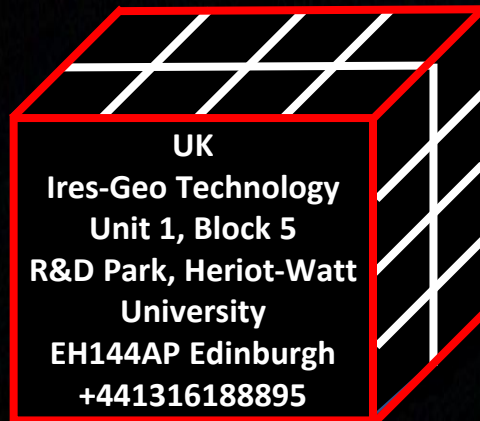
DOWN VALUE IN

YOUR FIELDS



[flash@GeomodL.com](mailto:flash@GeomodL.com)  
[www.GeomodL.com](http://www.GeomodL.com)

# GeomodL



[flash@GeomodL.com](mailto:flash@GeomodL.com)  
[www.GeomodL.com](http://www.GeomodL.com)