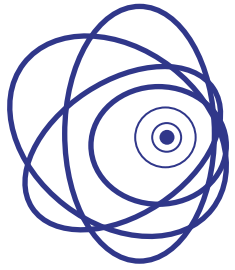


**MVG ENERGY**  
SOLUTIONS



# **PROMOTING IN COUNTRY INVESTMENT AND OWNERSHIP IN THE OIL AND GAS SECTOR**

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



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## WHO WE ARE

We have two primary sources of competitive advantage:

1. The ability to learn more about our customers faster than the competition, and 2. the ability to turn that knowledge into value faster than the competition.

We feel our clients can trump cumulative experience with our low-cost business design, which makes the incumbent's cumulative experience peripheral

WHO THEY  
ARE NOW

WHAT  
DO THEY  
WANT TO  
HAPPEN

HOW THEY  
WILL GET  
THERE

WHAT  
ACTIONS  
ARE NEEDED

WHAT  
RESULTS  
THEY CAN  
EXPECT

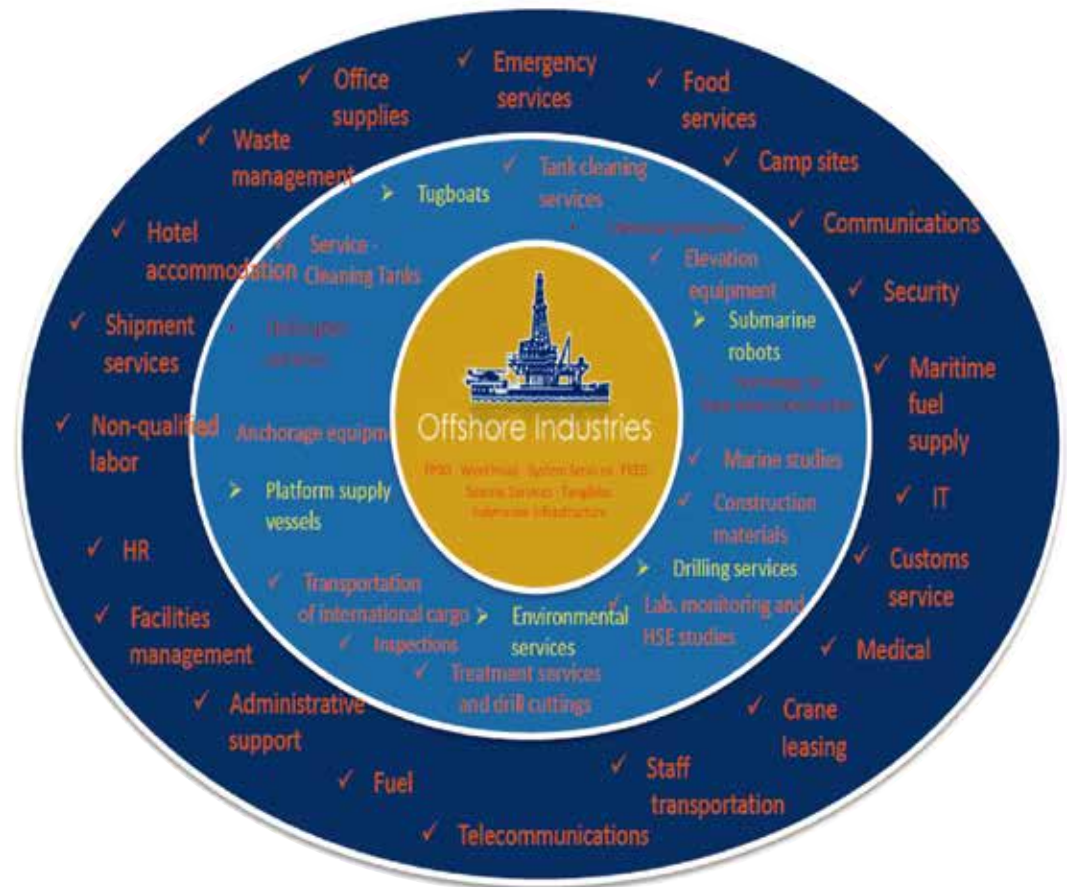
HOW ARE  
THEY ARE  
DOING  
FROM THE  
START TO  
THEIR TARGET  
RESULTS

Our approach is customized and personal to each client and their stakeholders in order to maximize the value created.

# THE OIL AND GAS INDUSTRY NEEDS EVERYTHING A SMALL CITY NEEDS TO OPERATE

**Note: The Onshore Industry has some of the same opportunities as Offshore but Investors can get more involved in operation through services such as:**

- Contract Operations – Operators, Technicians, Engineers, Roustabouts, Drillers
- Water and Oil Hauling
- Slickline, Wireline, & Electric Line
- Swabbing
- Well Service – P&A & Workovers
- Coil Tubing
- Drilling Rigs
- Construction Services – locations, roads, facilities, and pipelines
- Artificial Lift Equipment – rod pumps, plunger, gas lift mandrel, and ESP
- Pipe handling
- Spare Parts
- Chemicals
- Cathodic Protection
- Pipe – Drilling and Production
- Hot Oiling
- Hot Shoting
- Community Relation
- Surveying
- Auditing – Reserves, HSE, and Royalties
- Marketing – Oil, Gas, & NGLs
- Measurement – Oil, Gas, & NGLs
- Environmental Cleanup
- Mowing
- Micro Refinery
- NGL Extraction



# MVG CAN HELP YOU DETERMINE AND STARTUP THE RIGHT COMPANY AT THE RIGHT TIME



## MARKET ASSESSMENT / MARKET RESEARCH

- Evaluate Markets
- Prepare full industry overviews and sector analysis.
- Information on competitors
- Sales channels and distributors
- Identify possibilities in selected markets
- Find special Regulation and Standards
- Strategic, Local and International Partnership
- Knowledge Experts

## BUSINESS VISIT PROGRAMS

- Identify potential customers and partners from the targeted market
- Coordinating meetings with potential customer/partners
- Detailed travel instructions of the business trip/meetings
- Profiles of companies
- Full contact details of the decision maker in the company
- Small market information on the target market
- How to do business in the target market

## MARKET ENTRY STRATEGY PLANNING

- We design and execute the correct market entry strategy for your business
  - Area
  - Companies
  - Strategic Partners
  - Maintenance Partner
  - Supply Chain
  - Training
- Develop Timeline, Millstones, & Gates
- Develop KPI's and scorecards
- Identify best practices

## STRATEGY EXECUTION / LAUNCH

- Develop the strategy
- Plan the strategy
- Align the organization
- Plan operations
- Monitor and learn
- Test and adapt

# OUR SOFT SKILLS EXPERTISE

## CULTURE

Operational Excellence, Customer Intimacy, Stewardship, and Product Leadership

## METRICS

Score Cards, Key Performance Indicators, Leading and Lagging Indicators

## INTEGRATION

New Employees, Partners, Practices, Processes, Vertical and Horizontal Accountability, Exploit Economies of Scale and Exploit Economies of Scope

## TEAM BUILDING

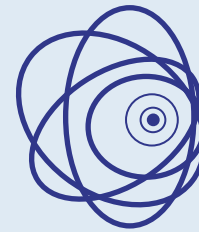
Seamless Workflow, Vision Boards, Think Tanks, and the Power of Our Company

## STRATEGY & PORTFOLIO

Customer and Competitor Analysis, Strategy Development and Portfolio Management

## MERGERS & ACQUISITIONS

Opportunity Evaluation, Analysis and Integration



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## ORGANIZATIONAL CAPABILITY

Build Core Competencies, Leverage Existing Core Competencies and Critical Competencies Development

## CHANGE MANAGEMENT

Ensuring Adoption & Sustainability

## PROCESS OPTIMIZATION

Process Design, Improvement & Streamlining

## ORGANIZATION DESIGN

Structure, Roles & Responsibilities and Governance

## OPERATIONS EFFECTIVENESS

Planning, Management and Optimization

## CULTURE TRANSFORMATION

Operational Excellence, Product Leadership, Customer and Intimacy

# PLANNING SERVICE

- \* Drilling Cost per location
- \* Annual (learning and best practices) Drilling Cost Reduction
- \* Completion Cost (Per Available Capital Dollars, EUR per IRR, Lateral Length, or Horizontal vs. Vertical Well)
- \* Facility Cost (Single & Multi Well Pad)
- \* Infrastructure Build Out Cost (Road, Power, and Salt Water Disposal)
- \* Artificial Lift Cost
- \* Well Life Cycle Cost
- \* Preliminary Lease Operating Statements
- \* \$Net Back per BOE or MCFE Analysis
- \* Pearls, Oysters, White Elephants and Dogs Analysis



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# VALUATION SERVICE

- \* PDP Reserves Projection
- \* PDNP Valuation
- \* Type Curve Generation
- \* PUD Quantification
- \* Acreage (Undeveloped Resource) Valuation
- \* FMV Factors Generations
- \* Probable Analysis
- \* Possible Analysis
- \* Field Development Planning
- \* Ultimate Asset Potential Analysis
- \* Analog Analysis



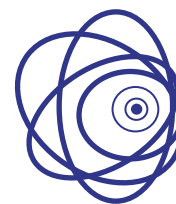


# CLOSING SERVICES

# TRANSITIONAL SERVICE

- \* Metrics Identification (Score Cards, KPI, Leading and Lagging Indicators)
- \* Business Model Design (Best Total Cost, Best Total Solutions, or Product Leadership)
- \* Drilling Consultants
- \* Completion Consultants
- \* Production and Reservoir Engineering
- \* Process Engineering (Cathodic Protection, Vapor Recover, Gas Processing, and Treatment)
- \* Procurement and Vendor Management
- \* Productions Enhancement (Lease Reviews, Artificial Lift Optimization, & Downtime Management)
- \* Non Operated Asset Management

- \* Acquisition Timetable Development
- \* Purchase and Sales Agreement ("PSA")
- \* HSE Due Diligence
- \* Safety Audits
- \* Regulatory Filing
- \* Lease Validity and Maintenance
- \* Joint Operating Agreements
- \* Organization Design
- \* Multi Skilled Operation Design
- \* Strategy and Portfolio
- \* Wellview Implementation and Maintenance
- \* Optimization



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# MVG'S OPERATIONAL SERVICE AND SKILLS

DRILLING	COMPLETION	RESERVOIR & PRODUCTION	FACILITIES	PIPE LINE
<ul style="list-style-type: none"> <li>*Benchmarking Off Set Operators</li> <li>*Vendors Selection</li> <li>*PAD Design</li> <li>*Bits Selection &amp; Evaluation</li> <li>*Directional Drilling - Penetration (Days Vs Deep)</li> <li>*Optimum Hole Size</li> <li>*Mud Design Program &amp; Evaluation</li> <li>*Cuts Treatment &amp; disposal</li> <li>*US Analog Analysis</li> <li>*DWOP Exercise</li> <li>*Establish Operation Meetings</li> <li>*Procurement Tools</li> <li>*After Activities Reviews - (Lessons Learned &amp; Best Practices)</li> <li>*Safety Audit</li> <li>*Tech Limits</li> <li>*Score Card &amp; Boards</li> <li>*Key Performance Indicator - (Leading and Lagging)</li> </ul>	<ul style="list-style-type: none"> <li>*Casing Program Design</li> <li>*Cement Program Evaluation</li> <li>*Play Analogs Analysis</li> <li>*Fluids Program Evaluation</li> <li>*Perforation Program</li> <li>*Coiled Tubing Design</li> <li>*Stimulation Recommendation</li> <li>*Flow Back Monitoring</li> <li>*Well Head Design</li> <li>*CWOP Exercise</li> <li>*Procurement Management</li> <li>*After Action Review - (Lesson Learned &amp; Best Practices)</li> <li>*Safety Audit</li> <li>*Score Card</li> <li>*Key Performance Indicator - (Leading &amp; Lagging)</li> </ul>	<ul style="list-style-type: none"> <li>*Type Curve Generation</li> <li>*US Analog Analysis</li> <li>*Pressure Transient Analysis</li> <li>*Well Testing &amp; Design</li> <li>*Coiled Tubing Design</li> <li>*Artificial Lift Design</li> <li>*Tubing Program</li> <li>*Field development Planning</li> <li>*Well Treatment Program</li> <li>*Re-stimulation Design</li> <li>*Re-perforating Design</li> <li>*Well Lifecycle Plan</li> <li>*EOR Design &amp; Evaluation - (Water, CO2 &amp; N2)</li> <li>*Safety Audit</li> <li>*Score Card</li> <li>*Key Performance Indicator</li> <li>*Full Field Optimization - (Maximum Profit &amp; Life Cycle Planning)</li> <li>*Oysters, Pearls, White Elephants, Dogs Analysis</li> <li>*Field Studies</li> <li>*Plugging &amp; Abandonment Design &amp; Reclamation</li> <li>*Due Diligence</li> <li>*Non-operating Management</li> <li>*Well Review / Field Review</li> <li>*Remedial and Work Overs Procedures</li> <li>*Budget Planning &amp; Budgeting &amp; Economic Analysis</li> </ul>	<ul style="list-style-type: none"> <li>*PAD Design</li> <li>*Surface Facilities Design</li> <li>*Procurement</li> </ul> <p>Short Term Test Design</p> <ul style="list-style-type: none"> <li>*Power Design</li> <li>*Fluids Treatment Design</li> <li>*Facility Design</li> </ul> <p>Long Term Design</p> <ul style="list-style-type: none"> <li>*Power Design</li> <li>*Fluids Treatment Design</li> <li>*Facility Design</li> <li>*Cathodic Protection</li> <li>*Gas Treatment Design</li> <li>*VRU &amp; VTECH Design</li> <li>*NGL's Extraction</li> <li>*CO2 Removal</li> <li>*Salt Water Disposal System</li> </ul> <p>Facilities Design</p> <ul style="list-style-type: none"> <li>*Facility Downsizing Evaluation</li> <li>*Safety Audit</li> <li>*Score Card</li> <li>*Key Performance Indicator</li> <li>*Environmental Audits, Cleanup, &amp; Remediation</li> </ul>	<ul style="list-style-type: none"> <li>*Pipeline Design</li> <li>*Pump Design</li> <li>*Compression Design</li> <li>*Gas Treatment Design</li> <li>*Gas Metering &amp; LACT Unit Design</li> <li>*Pigging Design</li> <li>*Cathodic Protection</li> <li>*Procurement Management</li> <li>*Safety Audit</li> <li>*Score Card</li> <li>*Key Performance Indicator</li> </ul>



# MVG CURRENT CLIENTS

TRINITY RIVER  
ENERGY

btc capital

WOTPLANTAS  
BRISTOL®  
ENERGIA TEMPORAL

MESA  
SOLUTIONS

OMEGA  
ENERGY INTERNATIONAL S.A.

PARREX  
RESOURCES INC.

OXY

pilko

NEWAERO  
TECHNOLOGY  
SWEEP THE UNSWEPT

SDB  
THE GROUP

Altamesa  
Energy Canada Inc.

FONDO AAA  
Independent Transactions Fund

11111100001 GeoMax Global™

MC  
MUSICAL CEDAR  
INSTRUMENTOS MUSICALES - FABRICANTES - IMPORTADORES  
CENTRO MUSICAL S.A.S.  
NIT. 890.929.264-5

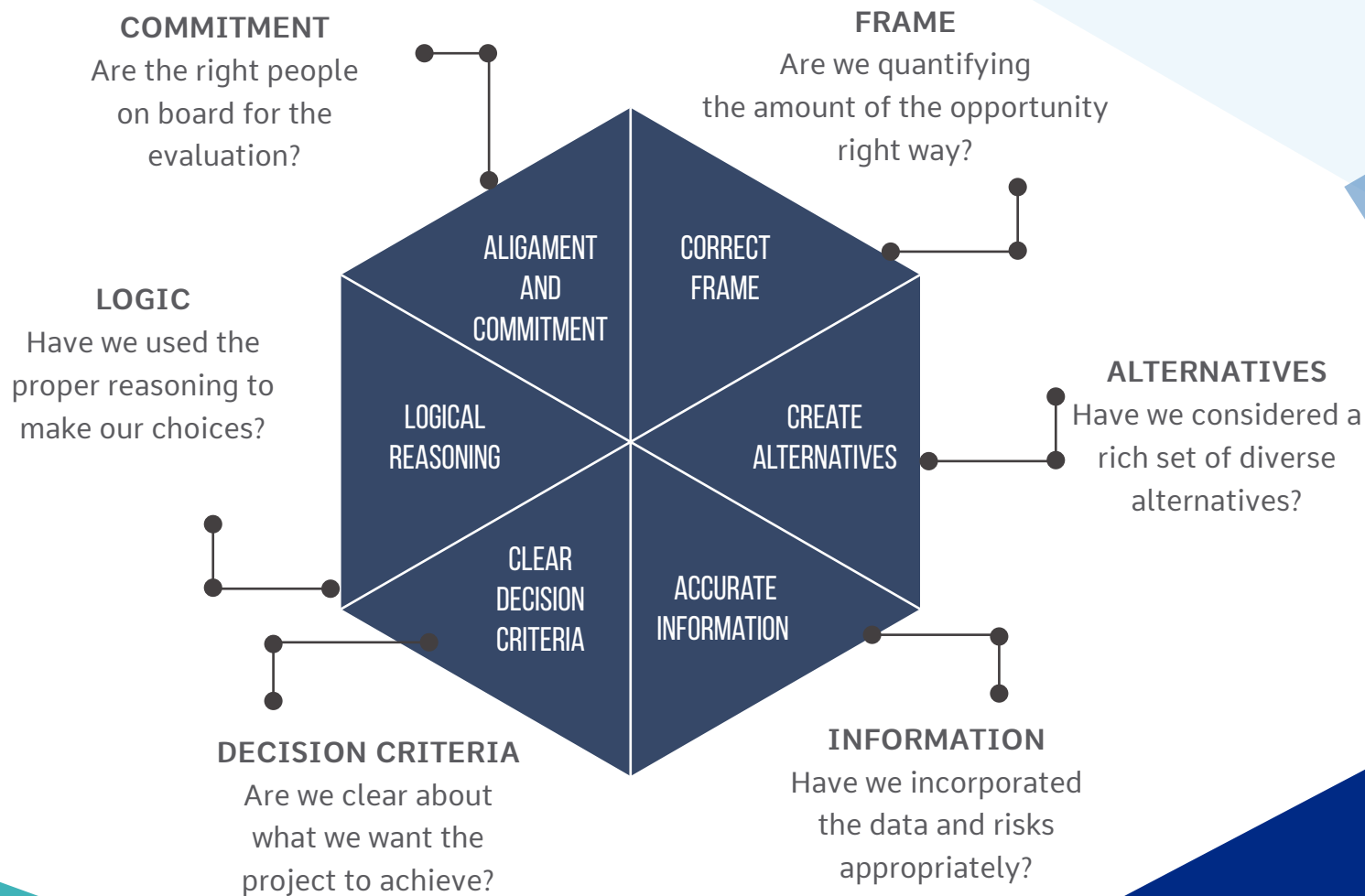
Brinsa

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MVG - "GOOD OUTCOMES ARE WHAT WE LIKE.  
GREAT RESULTS ARE WHAT WE DELIVER."



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