



TELESTO ENERGY

COMPANY PROFILE

OVERVIEW

- **Telesto Energy** is a Singapore enterprise focused on providing end to end solutions to the upstream oil and gas industry.
- We are a team of experienced upstream industry experts driven with a passion to address challenges faced by Oil and Gas Business today
- We started our journey in 2015 and growing by leaps and bound every year - 300% growth in revenue, profit YoY since 2015
- **Mission:** To become a company of choice that create value to all stakeholders & partners through innovation and technology

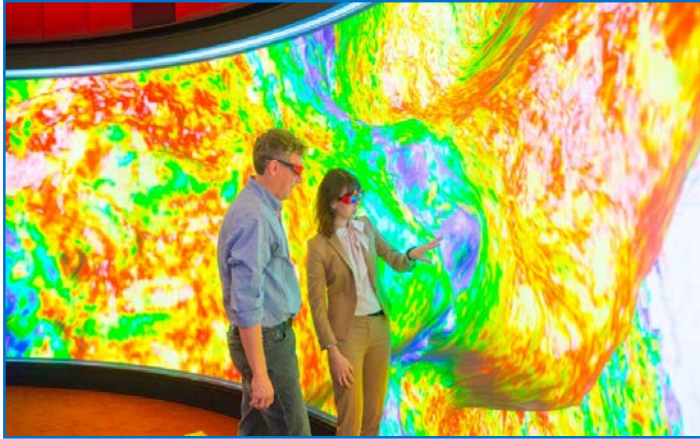


| SERVICE VERTICALS | OFFICES | PARTNERS | RESEARCH PARTNER | AI & ANALYTICS |
|---|--|--|--|--|
| <ul style="list-style-type: none"> • SUBSURFACE ADVISORY & CONSULTING • PORTFOLIO ADVISORY • AI & ANALYTICS • WELLS | <ul style="list-style-type: none"> • SINGAPORE - HQ • COIMBATORE, IN |   |  <p>IIT-ISM DHANBAD, IN</p> |   |

SUBSURFACE CONSULTING & ADVISORY

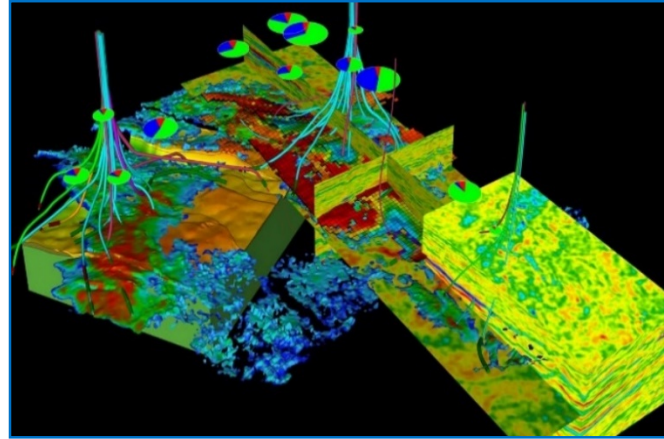
Exploration & Appraisal

"Making the invisible visible"



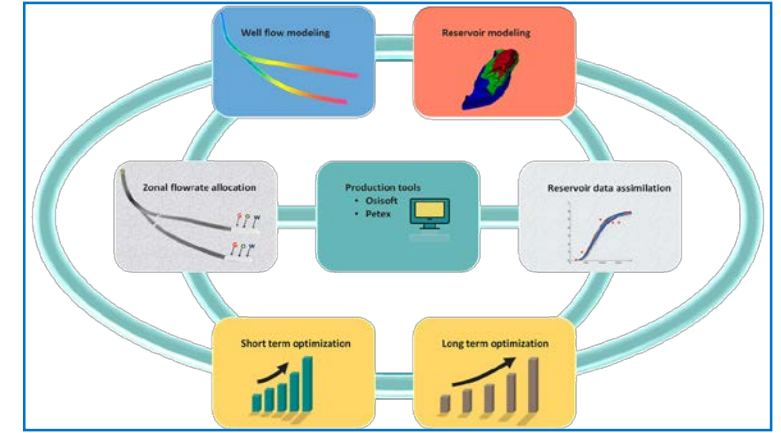
Integrated Reservoir Studies

"Making the most of your discovery"



Reservoir Management

"Making the best of your reservoir"



Exploration and Appraisal Service (EAS):

- Regional Studies and Play Definition
- Prospect Identification & Evaluation
- Maturation & Resource Assessment
- Seismic Reservoir Characterisation & Quantitative Interpretation
- Appraisal and Uncertainty Reduction

Reservoir Studies Service (RSS):

- Static and Dynamic Modeling
- Conceptual ADP/FDPs
- Field Development Plan Optimization
- IOR/EOR

Reservoir Management Service (RMS):

- Integrated Production System Modeling
- Production Optimization
- Reservoir Management Plan
- Reserve booking & reporting

WELLS

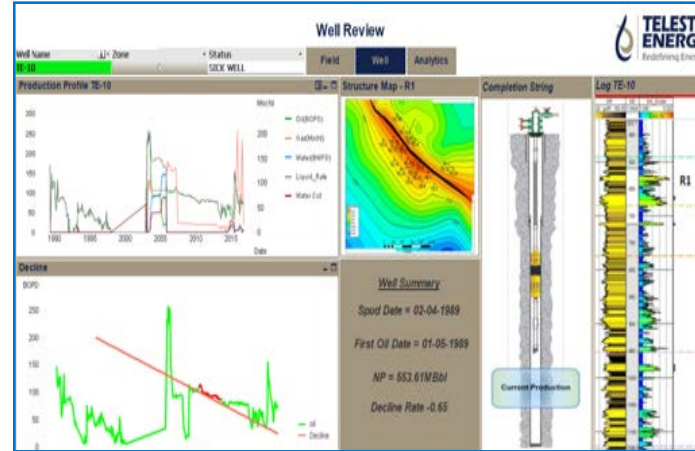
"Driving Operations Efficiency"



- Drilling & Completions Design and Engineering
- Wellsite & Operations Geology
- Pore Pressure & Geomechanical Studies
- Drilling Operations Support / Company Man

AI & ANALYTICS

"Maximizing Value through Data"



- Production Analytics
 - Sick Well Analytics
 - AI Driven Well Modeling
 - Production Optimisation
- Drilling Analytics
- Exploration Analytics
 - Predictive Fault Compartments
 - Seismic Analytics for Reservoir Characterization

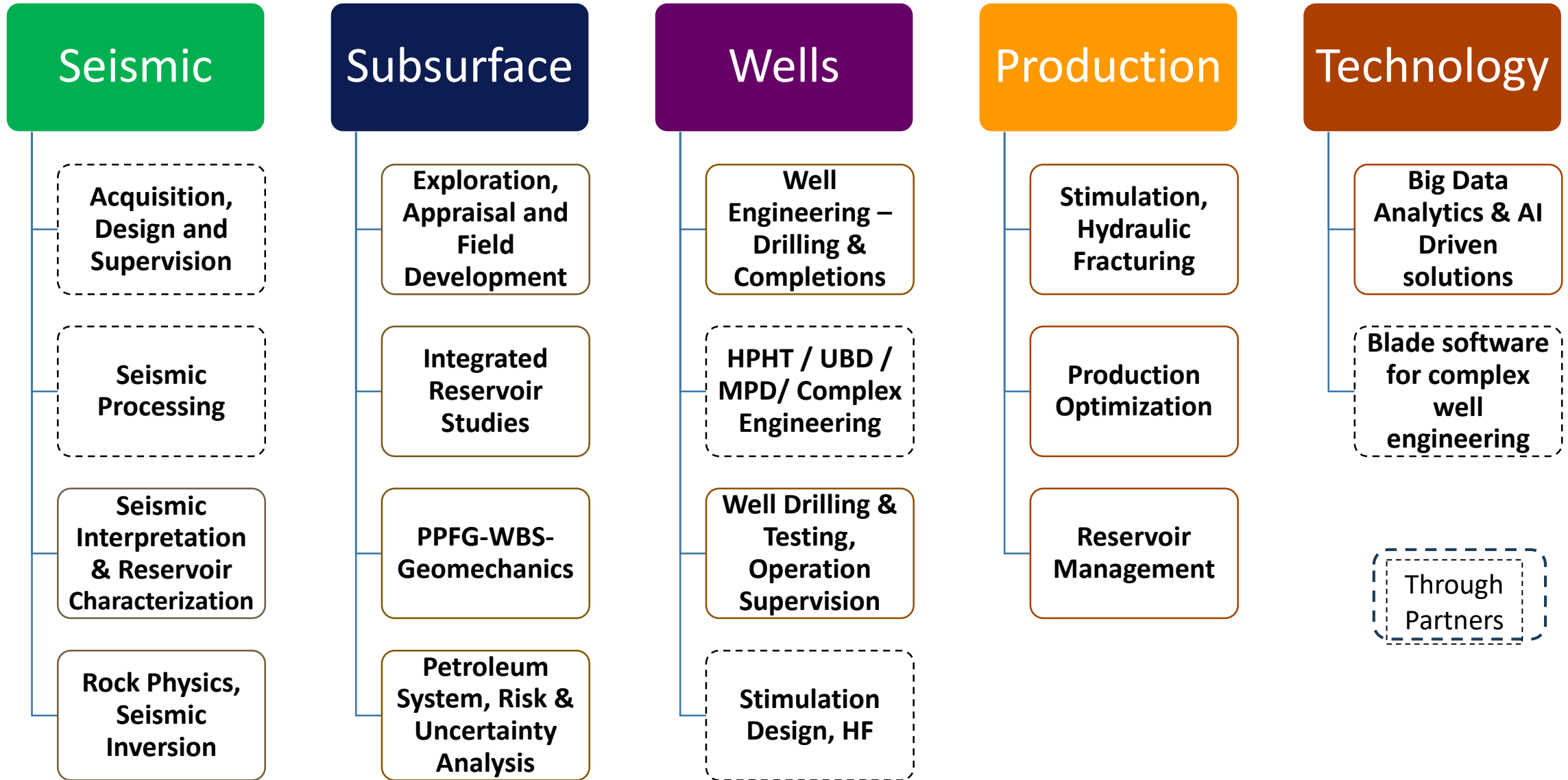
PORTFOLIO ADVISORY

"Taking the Right Approach"



- Farm in / Farm Out
- Licensing & Bid Rounds
- Portfolio Optimisation
- Technical / Deep dive Audits
- Reserve Assurance & Booking

CAPABILITIES



CLIENTS & PROJECTS

GLOBAL CLIENTS



Portfolio Advisory, Chariot Oil & Gas, UK, **PEL-071, Namibia**



HPHT Benchmarking Study **Tarim Basin, China** – CNPC, USA - **

ADNOC

Gas Storage Study - FDP, - ADNOC, **UAE** (Ongoing)**

PETROMATAD

Portfolio Advisory, PetroMatad, UK, Block IV,V, XX, **Mongolia**

PEMEX

Technical Audit - PEMEX, **Madrefil, Mexico** **



Block Evaluation, **Mexican Bid Round, 2016, Yuzhnaya & EPC Munai, Kazakhstan** Farm in Evaluation - Sun Drilling, LLC **Kazakhstan**

FDP Turney Field (Paluxy formation), PPL Operating Company, **USA**

Prospect Evaluation -, **EP-5 Block, Central Burma**
Pore Pressure Studies, **EP-5, Central Burma**, Istech Energy, Singapore



PPFG, Geomechanical Studies, **Rava Field, India**

Shallow Marine seismic data Processing and Interpretation, **KG Basin, India** , Cairn India



Multi-well PP & Rock Physics Studies, **Mumbai Offshore Reservoir and Well Performance Evaluation –B9 Field, Western Offshore, AWEL, India**

adani

Multiple Fields - Due Diligence IMC Ltd **KG Basin , India**
Multi well Petrophysical Evaluation, IMC **Rajasthan, India**
Subsurface Staff Deployment – IMC, **India**



Subsurface Evaluation for Stimulation Design, **Nohta Block, Vindhyan Basin, India** **



Geomechanical Studies, **KG-Basin, India** **

HPHT Well design and Engineering, **KG-Basin, India** **

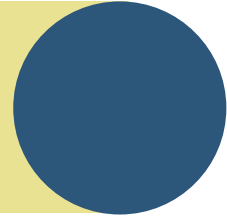
ASIA PACIFIC

** Subcontracted



PARTNERS

AI & ANALYTICS



Telesto Energy works closely with Experfy fostered by Harvard Innovation Lab to develop big data and artificial intelligence driven solutions. Experfy is an intellectual powerhouse where elite data and tech. professionals help companies to manage projects end to end- from product roadmaps, prototypes and data integration to algorithms, and dashboards.

Telesto Energy and Indian Institute of Technology (IIT(ISM)), Dhanbad, India has research collaboration for improving productivity of mature oil fields using Artificial Intelligence (AI) and Big Data Analytics. The IIT-ISM was established in 1926 is one of premier institutes in Indian and Globally.

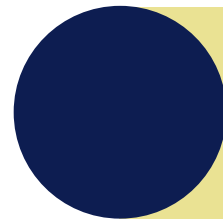
Blade is a Dallas based group that focuses on complex projects in subsurface, drilling, completion, production material and pipeline integrity problems. Since 2001 Blade has successfully delivered several projects globally

Halliburton India has entered in to a partnership with us to deliver complex subsurface projects in the subcontinent market.

Siemens Pte. Ltd, Singapore collaborates with us on oil and gas projects in the Asia Pacific market. Siemens is a global leader with leading technological expertise in automation, electrification, and process solutions.



OIL & GAS



KEY TEAM PROFILE



Balaji C,
Founder & CEO
Expert Geologist, AI
25+ years Experience

Expertise: Reservoir geology, integrated reservoir studies, reservoir modeling, operations and development geology and asset management.

Previously worked for **Petronas, Kuwait Oil Company, Jubilant Energy, Reliance and Geoservices**

Key Projects: Extensive global experience from exploration to development to production phases. He was an authority to review and approve subsurface studies related to JV of Petronas.



Rajeshwaran D,
COO
Expert Geophysicist,
30+ years Experience

Expertise: Entire gamut of Seismic data acquisition, processing, interpretation and reservoir Characterization.

Accomplished several explorations, appraisal and development projects

Previously worked for **Petronas, Shell, Schlumberger and ONGC**

Key Projects: Has worked in many basins Malaysia, ME, Africa, Australia. In India has worked on Mumbai Offshore, KG, Cauvery, Rajasthan, Assam and Mahanadi basins



Aditya Kumar
Director
Petroleum Engineer
18+ years Experience

Expertise: Production optimization, artificial lift, RWFM, digital oil field and project management.

Previously worked for **Petronas, Schlumberger, Kuwait Oil Company and ONGC**

Key Projects: Delivered projects worldwide including India, United Kingdom, United States, Egypt, Sudan, Kuwait, Abu Dhabi, Kuala Lumpur and Miri.

He has been active contributor to technical publications.



Jothi Periasamy
Chief Data Scientist
Tutor | MIT CSAIL &
MIT Sloan
20+ years Experience

Expertise: Jothi has deep subject matter expertise in big data, predictive analytics, in-memory data processing and cloud computing. He is a globally recognized thought leader for Finance, Digital, IoT, Big Data, and Data Science by Forbes, TechCrunch, CIO Review

Previously worked for **KPMG, Deloitte, E&Y** Implemented several of data & analytics solutions that includes advisory, thought leadership, strategy development, project delivery, and practice development.

KEY TEAM PROFILE



Sara Bakdi
Expert Geomodeler,
16+ years Experience

Expertise: Seismic interpretation, reservoir modelling and volumetric evaluation, well path design and fracture modelling. Accomplished several explorations, appraisal and development projects. Previously worked for **Petronas, CNPC and Sonatrach**

Key Projects: Has worked in many basins Malaysia, ME, Africa, India, Myanmar, Algeria, and China



Vimal Saxena
Expert Petrophysicist,
30+ years Experience

Expertise: Entire Spectrum of Petrophysics, Rock Physics, reservoir Characterization, and Logging Operations.

Previously worked for **Salamandhar, PDO, Schlumberger, DGH and ONGC**

Key Projects: In India Extensively worked in Mumbai, KG, Assam. Cambay basins. worked in many basins SE Asia, and ME. He has been active contributor to technical publications. Has published a book on Rock Physics for Reservoir Characterization



Dr Somen Mishra
Expert Geoscientist,
Risk Assessment Expert
18+ years Experience

Expertise: Basin analysis, Regional level data integrator and evaluations, Geochemical evaluations, PIEA (Play Identification, Evaluation and Assessments), Prospect maturations, Risking and Ranking, Uncertainty analysis, Resource Assessments. Previously worked for **Reliance, Schlumberger and ONGC**

Key Projects: Cambay, NEC and KG offshore blocks of Reliance; KG, NEC-Mahanadi Basin Regional Resource Reassessment Project of ONGC (DGH), several Risk assessment projects



Amit Ray
Chief Geophysicist
15+ years Experience

Expertise: Seismic Reservoir Characterization 2D/3D seismic interpretation, attribute analysis, Rock physics, AVO/AVA and Pre & Post-stack impedance inversion.

Previously worked for **C-DAC, Reliance GSPC, GERMI, Arcis Seismic Solutions, TGS-NOPEC in Calgary, Canada**

Key Projects: NEC and KG offshore blocks of Reliance; KG, due diligence work in KG, Mumbai offshore Assam and Cambay. Several reservoir characterization projects in India and globally.

KEY TEAM PROFILE



Apurba K Das
Chief Reservoir Engineer,
23+ years Experience

Expertise: Reservoir engineering, Reservoir simulation, Waterflood management, Enhanced oil recovery (Chemical flooding), Classical reservoir engineering

Previously worked for **Petronas, Halliburton, Weatherford, and ONGC**

Key Projects: Extensive experience in Indian basins in Mumbai Offshore, Cambay, Assam, Rajasthan basins. Delivered projects worldwide in Middle East, Algeria, and Malaysia.



Shrikant Rao
Head - Business Development
30+ years Experience

Expertise: Business Development, Project Management, Real time operation management, operational efficiency at marginal cost.

Previously worked for **Schlumberger, Geoservices, Command Petroleum, and SK Oil Field,**

Key Projects: Shrikant has over 20 years of experience in managing drilling operation both onshore and offshore. He has worked on one of the world's largest real-time operations management project in Algeria for Sonatrach.



Giridhar Kumar
Production Technologist,
30+ years Experience

Expertise: Well Completions, Production enhancement, Well Integrity Management, Artificial Lift, Well, Reservoir and Facility Management (WRFM), Technical auditing of well and field performance.

Previously worked for **Shell, and ONGC**

Key Projects: Deepwater (Bonga field, Nigeria), Mature fields (Omar, Tanak, Thayyem and Lakwa, Rudrasagar in India), Heavy Oil green field development and production (Lanwa, Balol), Brownfield offshore areas (Mumbai High).



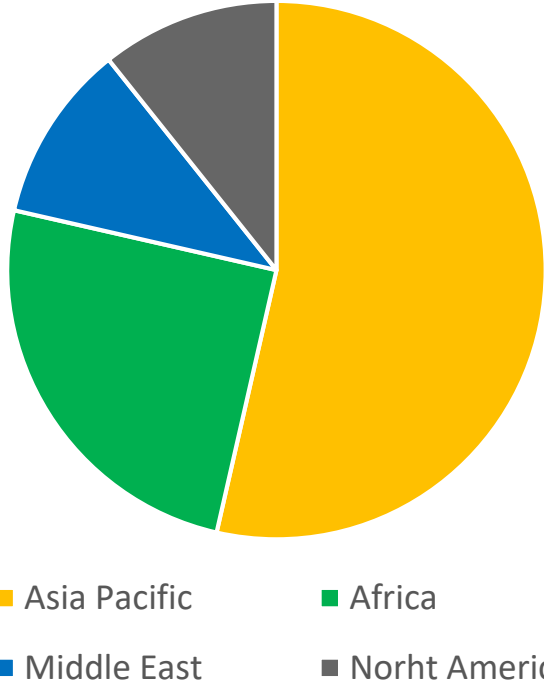
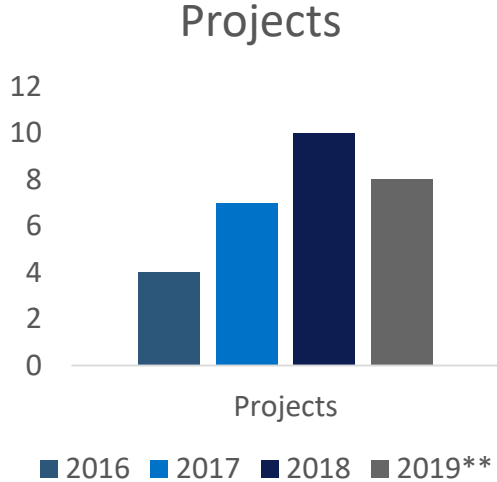
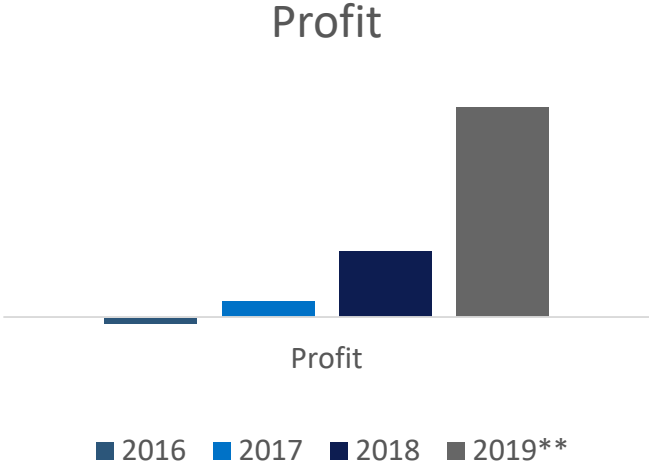
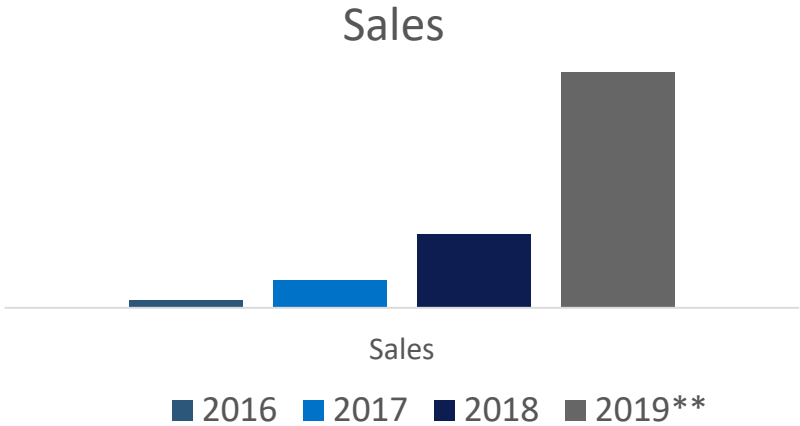
Abhishek Baghele
Principal Drilling Engineer,
11+ years Experience

Expertise: Well Design, Well Engineering, Drilling and Completions, AFE Preparation, Budgeting, HPHT Wells, Tendering and Scope of work preparation, Rig Selection, Casing Design, Completion Engineering, wellsite drilling Engineer, and Night Drilling Supervisor.

Previously worked for **GSPC**

Key Projects: He has worked extensively in Cambay, Rajasthan, Ankleshwar and Krishna-Godavari basins.

KEY PERFORMANCE



CLIENT SPEAK

Telesto always deliver great value



Very Professional and high quality work

Extremely satisfied with the professional work



Satisfied with the high quality of work

Always the best quality work..



Great work by Telesto Energy Team



Reach us @



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