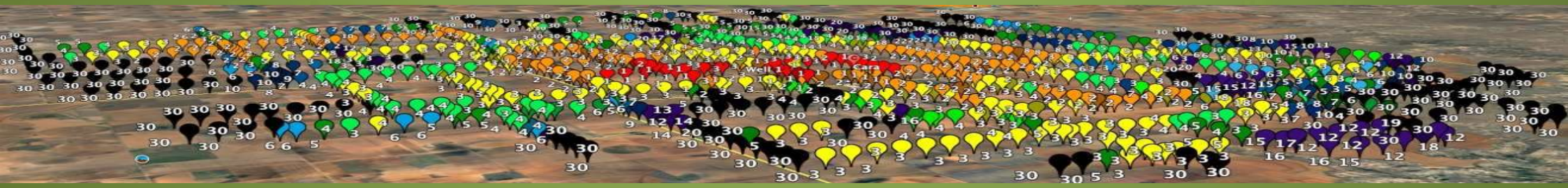
HIPTERRA

HYDROCARBON INTELLIGENCE PLATFORM

SUBSURFACE HYDROCARBON MAPPING, EXPLORATION AND PRODUCTION

FINANCIER'S PROSPECTUS



This document is for discussion purposes only

SEPT 29th, 2024/$5M

CEO's Message

Dear Esteemed Financier,

In an era where innovation is reshaping industries and driving unprecedented growth, Hipterra stands at the forefront of transforming the oil and gas sector. Our proprietary hydrocarbon intelligence platform is not just a technological advancement—it is a revolutionary leap forward that redefines conventional approaches to hydrocarbon extraction.

For far too long, the industry has relied on century-old formulas and strategies, resulting in inconsistent success rates and significant financial waste. Traditional methods capped success rates at 50%, leaving ample room for improvement and efficiency. At Hipterra, we embarked on a mission to rewrite these outdated paradigms and offer the industry an unmatched field optimization solution.

Leveraging cutting-edge technology and unparalleled expertise, Hipterra's platform empowers executives and engineers to make highly precise and informed decisions. The result? Greater oil and gas production from fewer wells, translating to savings of millions of dollars and a remarkable success rate of over 90% when drilling for oil and gas.

Our achievements to date have been monumental, but we are just scratching the surface of what is possible. To continue our rapid growth and further enhance our innovative solutions, we require strategic financial support. This is where you come in.

We invite you to join us on this transformative journey by providing a bridge loan to fuel Hipterra's growth, development, and operations of its subsurface hydrocarbon mappings services, exploration and oil production venture. Your investment will not only support a company with a proven track record of success but also drive the industry forward, setting new benchmarks for efficiency, profitability, and sustainability.

The opportunities before us are vast and promising. By investing in Hipterra, you are not just funding a company—you are shaping the future of the oil and gas industry. Together, we can achieve unparalleled success, unlock new potentials, and create lasting value for all stakeholders.

Thank you for considering this exciting opportunity to be a part of Hipterra's groundbreaking journey towards being the leading provider of new and existing onshore reservoir development and exploration of new onshore fields. We look forward to partnering with you and achieving extraordinary milestones together.

Warm regards,

Robb Miller
Founder, Chief Executive
Hipterra
Mobile: +1(801)510 8650
Email: robb.miller@gmail.com

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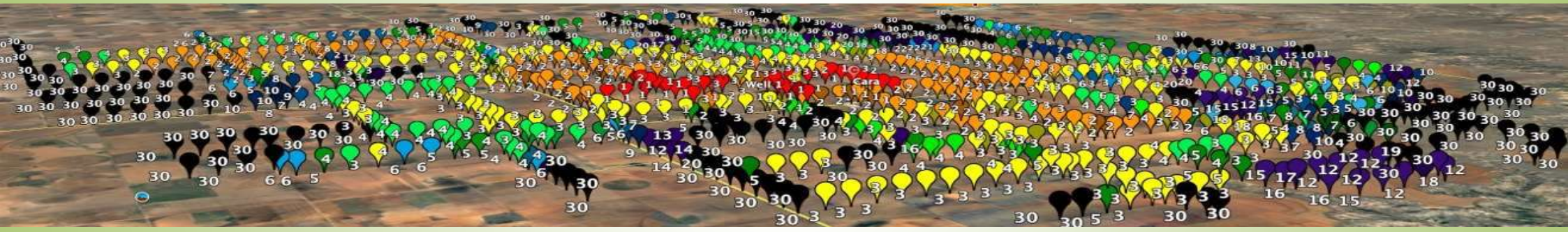
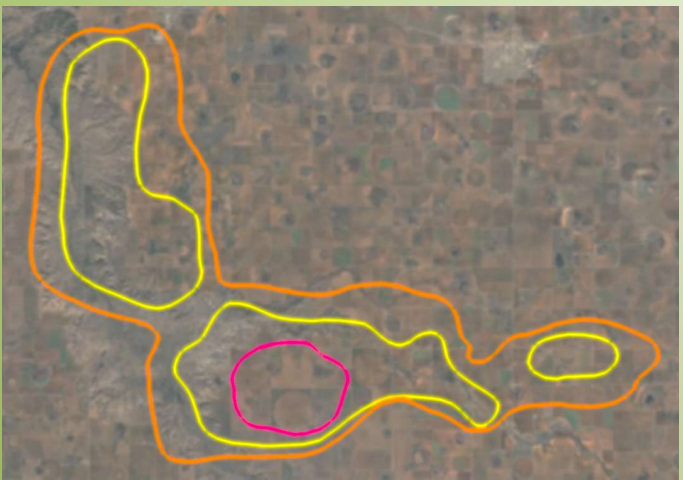
EXECUTIVE SUMMARY





Hipterra .....

"Transforming
the
Oil and Gas Industry"

THE TRANSACTION AND COMPANY OVERVIEW: Hipterra Seeks to Raise a $ 5 Million USD bridge loan in Debt Capital to Finance CAPEX AND OPEX - the Equipping of Five Field Teams and Provide Working Capital to Facilitate Market Activation and Development Programs Leading to Broad Market Acceptance and Exponential Growth in Sales In the Oil and Gas industry using a Hydrocarbon Intelligence Platform to deliver a success rate of 90%, up from 50% which is the norm as delivered by competitors in the oil and gas exploration and drilling industry.

The Company	• Hipterra was founded in 2005. Hipterra is a proprietary multi-dimensional geospatial AI modeling intelligence platform for the identification, interpretation, and exploitation of traditional subsurface hydrocarbon accumulations. To simplify it, it is THE Hydrocarbon Intelligence Platform that saves oil and gas companies millions of Dollars enabling a 90% success rate when drilling wells , an improvement from the traditional 50%+ success rate.
The Transaction	• Hipterra Seeks to acquire a $ 5 Million USD bridge loan in Debt Capital to Finance CAPEX AND OPEX in Hipterra. The payback period for this loan will be two years. Repayment will come from the sales of Hipterra's 3D and 4D geospatial subsurface hydrocarbon accumulations mapping services and from royalties that customers will pay based on the production of oil and gas. NPV over ten years for the investor, on a $5 M loan, is about $ 844.81 million and an EBITDA of 85%. Financier or Investors Payback Period is about three years
The Project	• Hipterra aims to develop the market and expand the number of teams from one to three, and equip, and manage them. They shall execute oil and gas field surveys in both the USA and internationally using the Hipterra proprietary Hydrocarbon Intelligence Platform that enables Hipterra's subsurface hydrocarbon geospatial mapping services. This service delivers an enhanced success rate of 90% plus in locating the exact location of hydrocarbon deposits. This will contribute towards boosting oil and gas production in the USA and globally.
The Product	• Hipterra provides a unique exploration solution that utilizes a multidimensional geospatial platform based on proprietary technology that precisely targets the location of hydrocarbon deposits allowing for very accurate drilling success eliminating all guesswork in hydrocarbon mapping.
Benefits of Product	• Accurate • 90% plus success rate • Highly relevant to the current needs in oil and gas exploration and production • Rapid results minimizing exploration costs • Minimizes opportunity costs • Cost effective, operationally and financially competitive

Our Mission Financial Objective	• To be the leading provider of new onshore oil and gas field development, existing onshore reservoir development, new onshore exploration and production. • To deliver highly accurate, rapid and cost-effective hydrocarbon mapping results to the oil and gas industry. • To create value for our shareholders through the development of a highly viable and sustainable hydrocarbon mapping business with high growth prospects in the oil and gas industry.
Market Readiness and motivation	• High demand for hydrocarbons is driving exploration production targets upwards, opening opportunities for Hipterra • Current and future forecasted hydrocarbon shortfalls create a ready and highly motivated market for Hipterra's services • Industry overview supports Hipterra's business and business strategy given the Demand that outstrips supply • The very competitive pricing of the mapping services enabled by the highly efficient technology and methods is attractive to the market
Proven Technology	• Mapping and modelling subsurface hydrocarbon accumulations in 3D and 4D. • Hipterra is a proprietary multi-dimensional geospatial AI modeling intelligence platform for the identification, interpretation, and exploitation of traditional subsurface hydrocarbon accumulations.
Financial Summary	Loan $5 million Project IRR 389.78% Project NPV in USD million $844.91 Million EBITDA margin (avg. over 10 yrs.) 85% EBITDA in Yr-10 in USD million Payback Period $ 429.25 M Payback Period (accounting) 1.1 Years Payback Period (Loan Tenure) 3.0 Years
Off-takers & Value	• Oil and gas exploration and production companies • Expected revenue in ten years: $1.73 Billion
Future Business Outlook Over ten Years	• Existing reservoir development: • New fields development: • New Exploration: • Existing fields acquisition, exploration and development: • Oil and gas production • Diversified markets

Company Ownership Structure

The terms of the financial relationship with FINANCIER, was developed as follows:

Parties

Financier: Jim Regan
Borrower: Hipterra, LLC. (Intellectual Property Owner, Service Provider, Technical Expert, Strategic Technical Advisor and Management Company
Guarantor: Mycol Discoveries LLC: MyShroom® IP owner & licensor, MyShroom® Medicinal Mushroom Producer and Market Specialist, Technical Expert, Consultant

Shareholding/Board structure

- Robb Miller – Chairman CEO, Hipterra
- Nic De Luca – Director, Operations Manager, Hipterra

Finance Details

Finance Details

- **Loan Amount:** Five Million US Dollars ($5,000,000) Bridge loan.
- **Interest Rate:** 3% per annum
- **Tenure:** Three years with a capability to pay back in two years.
- **Payback Period:** A. Interest only - 24 months. B. Principal and interest – month 25 –to 36 months
- **Payback Period Note:** 24 months. Alternatively, Interest Only Loan for two years with the option to pay back in the third year with a loan conversion to principal and interest loan in year three.
- **Type of Service:** Technology based services to the oil and gas industry – Locating oil and gas by providing subsurface hydrocarbon geospatial 3D and 4D mapping services to the oil and gas industry
- Source of Revenue: 1. Contract revenue from subsurface hydrocarbon mapping location services and 2. Royalties from corresponding and resulting oil and gas production

Asset Ownership

- **The Intellectual Property:** This remains the property of Hipterra, LLC and remains under the control and authority of Hipterra, LLC and it shall be use it to her exclusive advantage providing high accuracy subsurface hydrocarbon mapping services and cornering the onshore exploration market.

Finance Requirement

Financial Viability and Market Prospects

- **Loan Amount: $**5,000,000.00
- **Revenue:** Approximately $5 million in revenue in the first year, about $15 million in the second year, totaling around $24 million in cumulative revenue over the first two years of the loan. In year three, the revenue shall be $40 million resulting in a cumulative revenue of about $61 million over three years.
- **Cumulative Net Profit:** Within the first two years and then the third year, cumulative net profit is projected at over $11 M and $47 M respectively, growing steadily to $400 million+ by year ten.
- **Payback Period Expected**: Approximately two or three years.
- **Revenue Sources:** Subsurface hydrocarbon, 3D and 4D mapping services and Royalties from oil production.
- **Market Outlook:**
  - The market is large, expected to continue growing sustainably for the next thirty years and beyond.
  - This growth offers Hipterra an opportunity to solidify and expand its market leadership with superior, accurate technology in subsurface hydrocarbon mapping services.
- **Market Penetration and Development:**
  - Hipterra employs an almost fool-proof marketing and sales strategy based on its hydrocarbon location validation platform protocol.
  - Execution of practical proof-of-concept projects will lead to a bid conversion rate of over 80%, thanks to an impressive 90%+ success rate locating hydrocarbon – significantly higher than the industry average of 50%.
- **Market Size:** Estimated market size in 2024 and 2028 is $90 billion and $140 billion, respectively. The global market size for 3D and 4D geospatial hydrocarbon mapping services was estimated at around USD 53.2 billion in 2020. This market is expected to grow at a compound annual growth rate (CAGR) of approximately 13.2% from 2021 to 2028.

TRANSACTION OVERVIEW AND STRUCTURE CONTD … : Current Finance Requirements & Company Ownership Structure

Application of funds

Application of Funds

- CAPEX and OPEX
- Subsurface Hydrocarbon Mapping Equipment, Computer Hardware and Software Costs
- Working Capital and Overheads, Logistics, Operations, and Administrative Costs
- Market Development and Sales
- Research and Development, Consulting Costs

Transaction Rationale

Transaction Rationale:

- The loan will be used for procuring field mapping equipment, computer hardware and software, as well as covering logistics, operations, and administrative costs. This bridge loan will expand Hipterra's service capacity in the oil and gas exploration sector, enhance its royalty earning capabilities, and increase market reach in North America and internationally.
- By facilitating the business development of Hipterra, the resultant track record will facilitate entry into new markets and create even more lucrative opportunities in the business of upstream oil and gas field acquisition, exploration and production.
- This bridge loan is a strategic move aligned with Hipterra's commitment to transforming the oil and gas industry, supporting its medium-term and long-term growth strategies.
- Hipterra's field success rate is significantly higher than the US and global industry averages. The company's precise subsurface targeting, through its 3D and 4D modeling systems, achieves a success rate of over 90%, compared to the industry average of 30% - 50%.
- Hipterra's solution is a critical and valuable contribution to the oil and gas industry's onshore oil exploration effort to meet global oil and gas demand over the next thirty years.
- Hipterra has the unique and real opportunity to corner the onshore exploration of hydrocarbons. This is driven by the high success rate that Hipterra achieves which is the key to achieving profitability for onshore exploration and production projects. He current average of 30% to 50% success in exploration is unprofitable and many oil companies are abandoning onshore oil fields for the more lucrative offshore oil fields where their success rate is much better.
- With Hipterra's proprietary technology and success rate, onshore oil exploration and production is viable and indeed very profitable.
- The bridge loan will lead to the business expansion and development of the lucrative subsurface hydrocarbon mapping services to the addition of new and existing onshore field oil and gas exploration and production. This will result in a massive growth of Hipterra's business revenue and profitability.
- The company's growth prospects are phenomenal.

Key Assets

Key Assets:

- The Hipterra proprietary multi-dimensional geospatial AI modeling intelligence platform for the identification, interpretation, and exploitation of traditional subsurface hydrocarbon accumulations.
- One operational team equipped with field mapping equipment.
- Patents and trademarks related to multi-dimensional geospatial AI modeling intelligence platform.
- A disruptive method to explore and develop oil and gas onshore reservoirs.
- Off-taker agreements and customer contracts and pipelines with major oil and gas companies.

Conditions Precedent

Conditions Precedent:

- Satisfactory completion of due diligence by Jim Raegan.
- Personal and corporate guarantees from Robb Miller and Alan Attridge, and from Hipterra, LLC and Mycol Discoveries, LLC.

Post Transaction Actions

Post-Transaction Actions:

- Conduct proof of concept (POC) exercises on new and old oil and gas onshore fields and deliver full mapping services.
- Enhance and equip three field teams delivering mapping services
- Maintain proprietary Hipterra geospatial platform.
- Deliver 3D and 4D geospatial subsurface hydrocarbon mapping services

Bridge Loan Strategy

- **Introduction:** This page describes the relationship and the funding strategy as it relates to bridge loans sought after by both Hipterra LLC and Mycol Discoveries LLC that are strategic development partners, in different industries, but with common humanity-friendly philosophies.
- **Independent Companies:** Mycol Discoveries and Hipterra are both independent companies. They do not have any common shareholders, executives or managers. Their common goal is to raise funds.
- **Common Interests:** The owners and executives of both companies have a common and shared interest in seeing each company prosper, working towards facilitating the realization of the production of MyShroom® medicinal mushroom blends for the health benefit of people around the globe by Mycol Discoveries and the production of affordable and reliable hydrocarbon for energy and industrial use.
- **Providing Risk Comfort:** The purpose of the companies proposing a joint responsibility application for the bridge loans is to provide more comfort to the lender. The combined revenue streams from markets thirsty for their products and services provides greater security and assurance that the loans will perform well.
- **Hipterra is transforming the oil and gas industry** with unsurpassed field optimization that leads to greater oil and gas production from fewer wells. Hipterra uses its proprietary multi-dimensional geospatial AI modeling intelligence platform for the accurate identification, interpretation, and exploitation of traditional subsurface hydrocarbon accumulations. Facilitating energy production in an energy thirsty world offers great prospects.

- **Mycol Discoveries** is a fifteen-year-old company with a proven track record and a consistent cashflow over the last several years. Its brand of medicinal mushrooms called MyShroom® is accepted and used around the world and is a trusted source of exceptionally high efficacy nutrition that aids the body to overcome many debilitating diseases, directly or indirectly as an adjunctive health enhancing protocol.
- **Prospects and viability:** The prospects for the two companies are very encouraging. The companies are in very different industries and markets and the performance of each company does not depend on the other. Both companies, however ,are utilizing cutting edge proprietary technology owned by them individually and have a unique selling proposition that greatly benefits their customers and clients.
- **The time to revenue** for Hipterra (30 – 45 days) is shorter than for Mycol Discoveries (160 days).
- **Financial Collaboration and guarantees:** The strategy is for each company to guarantee the other and stand in for one another for the security of the bridge loan. This shared responsibility by guarantee provides the lender with a qualified co-signer scenario on a corporate level.
- **$5 Million Each:** Both companies require a bridge loan of $5 million and can repay the loan in two to three years.

- **Loan Payback plan Strategy:**
  - **Loan Amount:** If each company receives a bridge loan of $5 million the following loan payback plan and strategy is proposed:
  - **Income Streams:** Hipterra and Mycol Discoveries have good income streams and good prospects for growth. They sell services and products that are in high demand, highly relevant to the present era and beyond with sales forecasts that are positive and impressive over the next ten years and even up to year 2050.

  - **Hipterra:** The cumulative Net Revenue for Year 2 is about $11 million and in Year 3 it is about $47 million and in year 4 it is about $114 million.
  - **Mycol Discoveries:** The cumulative Net Revenue for Year 2 is about $6 million and in Year 3 it is about 13 million and in Year 4 it is about $19 million.

  - **Payback Conclusions:**

i. **Hipterra (Two Years)** can payback its $5 million loan in Year 2, or the total of $10 million for both companies in year 2, and payback both loans very comfortably in Year 3.

ii. **Mycol (Three Years)** Discoveries can payback its $5 million loan in Year 2, or the total of $10 million for both companies in year 3, and pay back both loans very comfortably in Year 4.

- **Risk Reduction Strategy:**
  - **Guarantees/Security:** Each company guarantees the other to minimize the risk of the lender

  - **Individual responsibility:** Each company can payback its own loan on its own within a reasonable period

  - **Joint Responsibility:** Each company can payback the total loan taken by the two companies, $10 million, withing a maximum three years or a maximum of four years

- **Additional security**
  - Personal Guarantees of the CEO's
  - Corporate Guarantees
  - Domiciliation of Sales Revenue
  - Long-term, 20=Year Lease of 121,353 sq.ft. Production Facility
  - Bond of Mycol Discoveries

Projected Financial Performance (Summary)

Values in $'000

Income Statement	Year 1 $	Year 2 $	Year 3 $	Year 4 $	Year 5 $	Year 6 $	Year 7 $	Year 8 $	Year 9 $	Year 10 $
Revenue	5,287	15,132	40,373	71,974	110,486	160,447	221,749	290,374	366,850	450,918
Direct Cost	1,616	3,212	3,444	6,328	7,578	8,445	9,907	11,613	13,607	15,939
Gross Profit	**3,671**	**11,920**	**36,929**	**65,646**	**102,908**	**152,002**	**211,842**	**278,760**	**353,243**	**434,979**
Operating Expenses	1,226	1,600	1,620	2,200	2,560	3,008	3,534	4,153	4,880	5,734
EBITDA	**2,445**	**10,320**	**35,309**	**63,446**	**100,348**	**148,994**	**208,308**	**274,607**	**348,363**	**429,245**
Depreciation & Amortisation	827	1,011	1,196	1,380	1,564	940	978	1,039	1,125	1,237
EBIT	**1,618**	**9,308**	**34,114**	**62,066**	**98,784**	**148,054**	**207,329**	**273,568**	**347,238**	**428,008**
Interest Expense	500	250	250	-	-	-	-	-	-	-
Profit Before Tax	**1,118**	**9,058**	**33,864**	**62,066**	**98,784**	**148,054**	**207,329**	**273,568**	**347,238**	**428,008**
Tax Expense	302	2,446	9,143	16,758	26,672	39,975	55,979	73,863	93,754	115,562
Profit After Tax	**816**	**6,613**	**24,721**	**45,308**	**72,112**	**108,079**	**151,350**	**199,705**	**253,484**	**312,446**

Cumulative	Year 1 $	Year 2 $	Year 3 $	Year 4 $	Year 5 $	Year 6 $	Year 7 $	Year 8 $	Year 9 $	Year 10 $
Revenue	5,287	20,419	60,792	132,766	243,252	403,698	625,447	915,821	1,282,671	1,733,589
Direct Costs	1,616	4,828	8,272	14,600	22,178	30,623	40,530	52,143	65,750	81,689
Operating Expenses	1,226	2,826	4,446	6,646	9,206	12,214	15,748	19,901	24,781	30,515
Profit before Tax	1,118	10,176	44,040	106,106	204,890	352,944	560,273	833,841	1,181,079	1,609,087
Profit after Tax	**816**	**7,429**	**32,149**	**77,457**	**149,569**	**257,649**	**408,999**	**608,704**	**862,188**	**1,174,633**

Project IRR	**389.78%**
Project NPV in USD million	**$1.247**
EBITDA margin (avg. over 10 yrs.)	**85%**
EBITDA in Yr-10 in USD million	**$429.25**
Payback Period (accounting)	**1.1 Years**
Payback Period (loan tenure)	**3 Years**

Amounts in USD millions

PROJECT PERFORMANCE : The project is expected to maintain a strong revenue base over the next ten years, driven by advanced and accurate technology and the expected significant increase in the company's share in the different market segmentations. An impressive gross margin is retained throughout the forecast period

- **OPERATING COSTS: Operating expenses are expected to increase over the forecast period from $1.23 million in Year 1 to $5.73 million in Year 10. It is noted that operating expenses averages 3% of the total revenue over the period under review. The expenses is inclusive of staff salaries, general and administrative costs, advertising and marketing costs, maintenance fees, professional fees, and other miscellaneous expenses**
- **PROJECT PROFITABILITY: The business is expected to make profit from Year 1. Net profit increases from $0.82 million to $312.45 million over the ten-year forecast period.**

Ownership, Management & Technology Contributors Hipterra

With more than 150 years of combined experience in the technology and oil & gas industries, the Hipterra Management Team has been directly involved in discovering and producing hundreds of millions of barrels of oil and over a trillion cubic feet of natural gas.

Robb Miller **Chairman/CEO**		16-years in the oil and gas industry focused on technology, software, management, and development. Previous 10-years in equity markets and real estate in Asia, South America, South Pacific, and the US. Graduate of Weber State University.
Brandon Johnson **Chief Legal Officer**		Brandon graduated from Harvard Law School in 2002. Experience in energy, public and project finance, debt and equity financing, real estate development, and joint ventures. Brandon has extensive experience in a variety of private financial transactions, including debt and equity financings, project finance and joint ventures.
Nic De Luca **Operations Manager**		Experience in natural resources, finance, and oil & gas management. Worked in the precious metals industry for seven years focused on refining platinum, palladium, and rhodium. Focused on oil & gas management the last four years. Inducted into the collegiate baseball hall of fame. Bachelor's and Master's degrees.
Langdon Lappin **Business Development**		Lang Lappin has over 32 years of experience in the financial markets and investment in businesses. He has worked 12 of those years for Fidelity Investments of Boston, Massachusetts and 17 years owning and managing an oilfield service company, specializing in production testing, produced water treatment, and production enhancement technologies.
Chris Brinton **Machine Learning & Artificial Intelligence**		More than two decades of R&D experience in logistics. Founded Mosaic Data Science in 2014 and Mosaic ATM in 2004. Leads numerous analytics projects focused on improving the efficiency and safety of the National Airspace system. MS Electrical Engineering, Stanford | BSE Mechanical and Aerospace Engineering, Princeton
Shon Robinson **Consulting Engineer**		25-years of field experience. Drilling and operations manager for Exxon, ExxonMobil, Burlington Resources, and ConocoPhillips. Drilling and operations experience with over 1,500 wells in the US, Australia, Gulf of Mexico, Canada, and other areas. Graduate of Brigham Young University.
Robert Dunbar Chief Consulting Geophysicist		66-years field experience. Exploration and production geophysicist for Amoco, Diamond Shamrock, Ennex, and various other companies. Lead geophysicist in discovering over 20 commercially viable oil and/ or gas fields in the US and Canada. Graduate of Louisiana Tech.
Gene Pollock **Consulting Exploration Geologist**		60-years field experience. Exploration and production geologist for Phillips, Mesa, Pioneer, Cobra, and other companies. Credited with three significant oil discoveries in Texas. Graduate of University of Texas in Austin and West Texas A&M (Master's).
Sam Hudson **Consulting Geologist**		14-years of experience in the field and as a University Professor. Worked with ConocoPhillips as a research geologist, deep water senior geologist, and staff geologist on projects around the world. Professor of Geology at Brigham Young University. Graduate of University of Utah and University of Nevada Las Vegas.

Hipterra's Services and Process

Hipterra will, in the medium term, develop and equip five field teams and will expand into the USA and internationally, taking advantage of the many opportunities that will present themselves to Hipterra. The well-defined process followed to achieve industry leading results are Transforming the Oil and Gas Industry

STEP 1

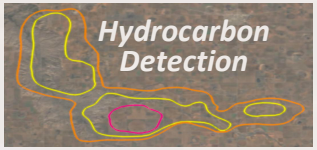
Execute Hipterra technology validation protocol

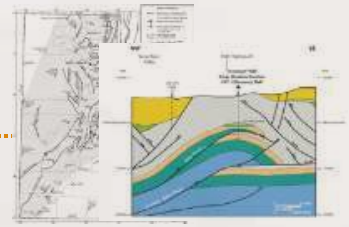
Identify an accumulation of hydrocarbons

- Conduct subsurface mapping on an existing field to prove the accuracy of the Hipterra technology by overlaying the mapping on an existing field map to reveal the Hipterra accuracy level

STEP 2

Hydrocarbon Detection





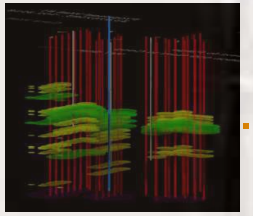
Confirm the structure through structural data geology, and all data

+

- Preliminary Field viability is done Using Surface detection methods to map subsurface hydrocarbon accumulations
- Hipterra's then maps using in-soil equipment to detect the accurate presence of hydrocarbons
- By prioritizing the identification of subsurface hydrocarbons independently of seismic, structural, or offset well data, Hipterra has improved the exploration success rate from 30% to over 90%.

STEP 3

Subsurface 3D AI Modelling

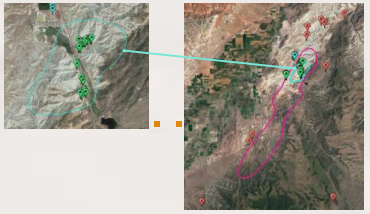


This AI system interprets the collected data and can pinpoint the accumulations with accuracy well above 90%.

Typically, 3D hydrocarbon mapping allows geophysicists to outline the subsurface structure with greater confidence. By defining the borders of the hydrocarbon anomaly and determining optimal well locations, virtually all guesswork is eliminated.

STEP 4

Hydrocarbon 4D Reservoir Mapping and Modelling

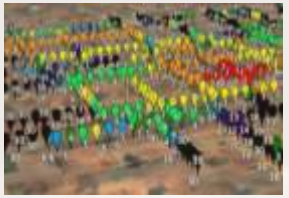


Done by combining proprietary hydrocarbon-specific field data, inhouse software & AI

The century-old formulas and strategies for identifying and developing conventional hydrocarbons have been rewritten by Hipterra. Executives and engineers are now able to make uniquely precise decisions regarding the fields and projects under their direction.

STEP 5

Field mapping



The mapping is conducted across area until the whole field has been mapped

- Hipterra's methods have been perfected over 35 years. Several thousand well-bores have been analyzed and over 25 fields have been modeled and discovered utilizing Hipterra's refined methodologies with a market value of tens of billions of dollars.

STEP 6

Commence Drilling and development

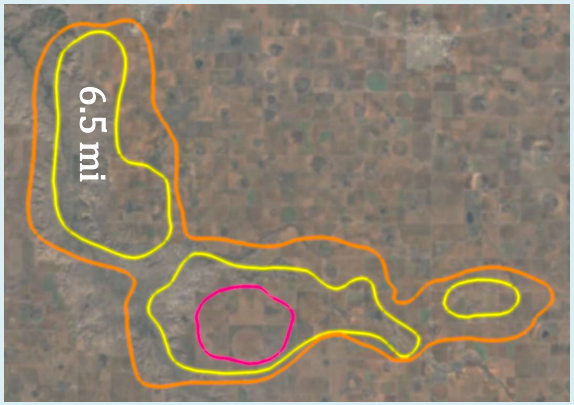
Move to a drilling program for development

By prioritizing the identification of subsurface hydrocarbons independently of seismic, structural, or offset well data, Hipterra has improved the exploration success rate from 30% to over 90%.

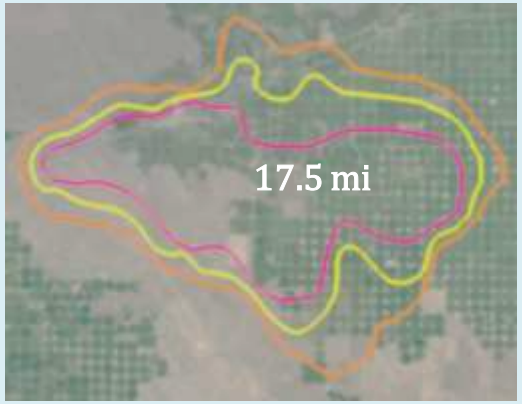
New Field Exploration(Conventional) by Hipterra – Total: $800 B recoverable oil

HIPTERRA

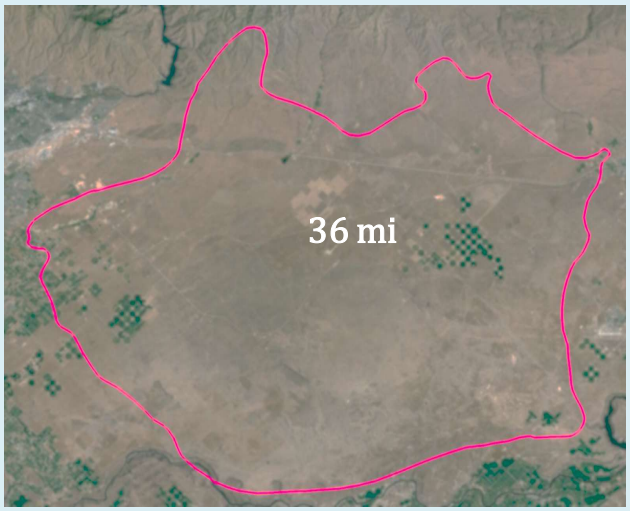
New Field Exploration (Conventional):
$800 B recoverable oil



Oil > 400mm Barrels - Texas



Gas > 1 billion barrels equivalent - Idaho



Gas/Condensate > 5 billion barrels equivalent - Idaho.

Oil > 400mm Barrels - Texas

Oil > 800mm Barrels - Utah

Oil >2 billion Barrels Surface detection to outline - Utah

Without any disturbance to the land, Hipterra can map out large areas of subsurface hydrocarbons and estimate the value of recoverable oil and gas faster and more accurately than any competitor can.

CALL TO ACTION

HIPTERRA

Thank you for reading the Executive Summary section. We appreciate your time.

We invite you to finance Hipterra by providing debt finance of $5 million for the development of its subsurface hydrocarbon onshore mapping services, exploration services and oil production venture.

If you are interested, please turn to slide 14 to review the Company Ownership Structure & Current Financing/Investment Offering that summarizes this financing opportunity.

The pages below also provide more details about this business opportunity, and we invite you to read them. Please note that the table of contents provides a clear guide to you to pick and choose the sections that interest you.

…. Please read on for more information.

PROJECT VIABILITY
&
FINANCIALS

Revenue Strategy for a Subsurface Hydrocarbon Mapping Services

Introduction:

Hipterra's subsurface hydrocarbon mapping services company operates with a dual revenue strategy that ensures both immediate and long-term financial gains. Emphasizing a combination of direct payments for services rendered and production royalties from oil and gas companies, this approach maximizes profitability while fostering sustainable growth.

A. Direct Payment for Services Rendered

Description:
We offer advanced 3D and 4D geospatial hydrocarbon mapping services directly to oil and gas companies, charging a fee for our expertise in identifying resource-rich subsurface areas.

Merits:

1. **Immediate Cash Flow:** Ensures a steady stream of revenue from each project.
2. **Cost Recovery:** Quickly recovers operational costs and funds further technological advancements.
3. **Client Relationships:** Establishes trust and reliability with clients, leading to repeat business and referrals.

B. Royalties from Oil Production

Description:
In addition to direct payments, we align our incentives with our clients by taking a percentage of the oil produced from the resources we help identify.

Merits:
1. **Long-Term Revenue Stream:** Provides ongoing income as long as the oil field remains productive.
2. **Alignment of Interests:** Encourages high-quality service and accuracy, as our financial success is directly tied to that of our clients.
3. **Risk Sharing:** Demonstrates our confidence in our services by sharing in the risk, which is appealing to potential clients.

Advantages of the Dual Revenue Model

1. **Sustainable Business Growth:** Balancing immediate revenue with long-term royalties creates financial stability, allowing for consistent reinvestment into new technologies and services.
2. **Enhanced Client Trust:** By aligning our financial interests with those of our clients, we foster deeper trust and stronger business relationships.
3. **Competitive Edge:** Offering a performance-based compensation option differentiates us from competitors who only charge based on services rendered.
4. **Financial Resilience:** Diversifying revenue streams helps mitigate risks associated with market volatility and project timelines.

Long-Term Benefits

1. **Innovation and Improvement:** Revenue from royalties provides the funding needed for ongoing R&D, ensuring we remain at the cutting edge of geospatial mapping technology.
2. **Market Leadership:** Our commitment to shared success positions us as a leader in the industry, attracting top-tier clients and partnerships.
3. **Resource Optimization:** Close collaboration with oil and gas companies enables more efficient resource extraction, benefiting both parties.
4. **Scalability:** The dual revenue model can be scaled to accommodate larger projects and more clients without compromising service quality.

Conclusion

Hipterra's dual revenue strategy, combining direct service fees with production royalties, offers a comprehensive and flexible financial plan. This not only ensures immediate profitability but also secures long-term financial stability and growth. By aligning our success with that of our clients, we build strong, enduring partnerships and maintain a competitive edge in the subsurface hydrocarbon mapping services market.

Assumptions for Financial Model: The Financial Forecasts Represent The Projections For Hipterra, LLC Proposed Plan To Deploy Five Field Teams, Over a 2 Year Period

Hipterra Mapping

Charge per square mile for mapping	$	**18,750.00**	(3D Seismic averages $75,000 per square mile)
Mobilization and Demobilization per square mile avg.	$	**200.00**	
	$	4,484.13	

Royalty Production

Royalty wells per square mile		**2**
Average production per well per day		**100**
Average ORRI per well (WI Equivalent)		**1.25%**
Months after mapping before revenue begins		**12**
Decline curve per year		**90%**
Average price per barrel (15-yr avg.)	$	**73.00**
Annual revenue per well year 1.	$	**65,700.00**
Annual revenue per well year 2.	$	**59,130.00**
Annual revenue per well year 3.	$	**53,217.00**
Annual revenue per well year 4	$	**47,895.30**
Annual revenue per well year 5	$	**43,105.77**

Projected Financial Performance – Royalty Calculations

Royalty Calculations - Well Production

Utilizing average of 5-year decline curve from initial productio

Per well	Month 14	Month 15	Month 16	Month 17	Month 18	Month 19	Month 20	Month 21	Month 22	Month 23	Month 24
1	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13	$ 4,484.13
Month 14	5	10	20	22	25	28	32	32	32	35	38
Month 15		5	10	20	22	25	28	32	32	32	35
Month 16			5	10	20	22	25	28	32	32	32
Month 17				5	10	20	22	25	28	32	32
Month 18					5	10	20	22	25	28	32
Month 19						5	10	20	22	25	28
Month 20							5	10	20	22	25
Month 21								5	10	20	22
Month 22									5	10	20
Month 23										5	10
Month 24											5
Month 25											

Revenue Strategy for a Subsurface Hydrocarbon Mapping Services

- Our subsurface hydrocarbon mapping services company operates with a dual revenue strategy that ensures both immediate and long-term financial gains. Emphasizing a combination of direct payments for services rendered and production royalties from oil and gas companies, this approach maximizes profitability while fostering sustainable growth.
- Direct Payment for Services Rendered
- Royalties from Oil Production

Business Strategy

- 1. Sustainable Business Growth:
- 2. Enhanced Client Trust:
- 3. Competitive Edge: Offering a performance-based compensation option differentiates us from competitors who only charge based on services rendered.
- 4. Financial Resilience: Diversifying revenue streams helps mitigate risks associated with market volatility and project timelines.

Long-Term Benefits

- 1. Innovation and Improvement: Revenue from royalties provides the funding needed for ongoing R&D, ensuring we remain at the cutting edge of geospatial mapping technology.
- 2. Market Leadership: Our commitment to shared success positions us as a leader in the industry, attracting top-tier clients and partnerships.
- 3. Resource Optimization: Close collaboration with oil and gas companies enables more efficient resource extraction, benefiting both parties.
- 4. Scalability: The dual revenue model can be scaled to accommodate larger projects and more clients without compromising service quality.

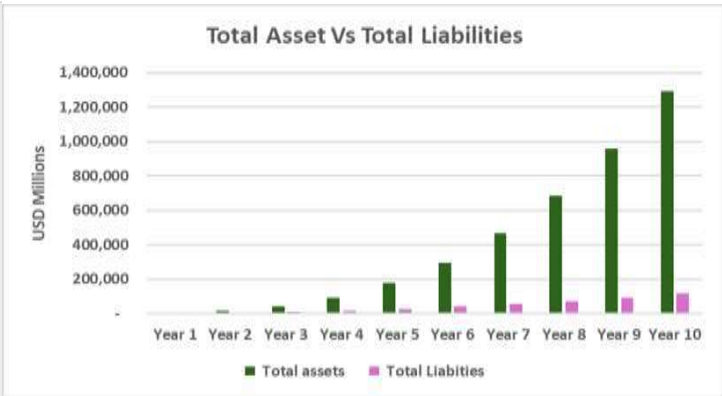
Conclusion

- Our dual revenue strategy, combining direct service fees with production royalties, offers a comprehensive and flexible financial plan. This not only ensures immediate profitability but also secures long-term financial stability and growth. By aligning our success with that of our clients, we build strong, enduring partnerships and maintain a competitive edge in the subsurface hydrocarbon mapping services market.

FINANCIAL MODEL AND PLAN

Overall, The Project Is Expected To Be Financially Viable With Strong Cash Flows And High Profit Margins From The Second & Third Year Of Operations

SUMMARY



Project IRR	**389.78%**
Project NPV in USD million	**$1,247**
EBITDA margin (avg. over 10 yrs.)	**85%**
EBITDA in Yr-10 in USD million	**$429.25**
Payback Period (accounting)	**1.1 Years**
Payback Period (Loan Tenure)	**3 Years**

Amounts in USD millions

- A WACC (Weighted Average Cost of Capital) of 3.8% was used in estimating the Project IRR and Net present Value (NPV). The WACC is calculated as the Weighted Average of the Cost of Capital of the proposed equity and debt investment. The project IRR is ~389.78%, which is significantly above the WACC (Project hurdle rate) indicates that the project is commercially viable. The business is expected to recover its initial cost of investment within ~1.5 Years of operation.

- Revenue is expected to grow over the forecast period from $5.29 million to $450.92 million at a CAGR of 65%. However, it is noted that the fast revenue growth from Year 1 to Year 10 is expected because the revenue from production royalties kicks in and compounds as from Year 2.
- Gross margin averages 90% over the period, with net profit margin averaging 59%, while EBIT and PBT margins average 82% and 85% respectively, during the forecast period.
- Total assets increases steadily from $6.12 million in Year 1 to $1.29 billion in Year 10 while total liabilities, is seen to increase over the forecast period, starting at $5.30 million in Year 2 to $115.56 million in Year 10.
- Finance requirement which is estimated at $5 Million is the total initial funding requirement for the project. This cost is split into cost of acquiring the tools and equipment which will be used to deliver mapping services and initial working capital required in the first year of business operation.
- The project will be financed solely from debt equity. The project will be financed solely from debt financing based on the expected financial performance. The loan would be paid in equal annual instalment of $5 million from Year 2 to Year 3.
- Cash flow from operating activities is projected to average 92% throughout the forecast period.

Income Statement (Pages 1 of 2) - Projected Financial Performance

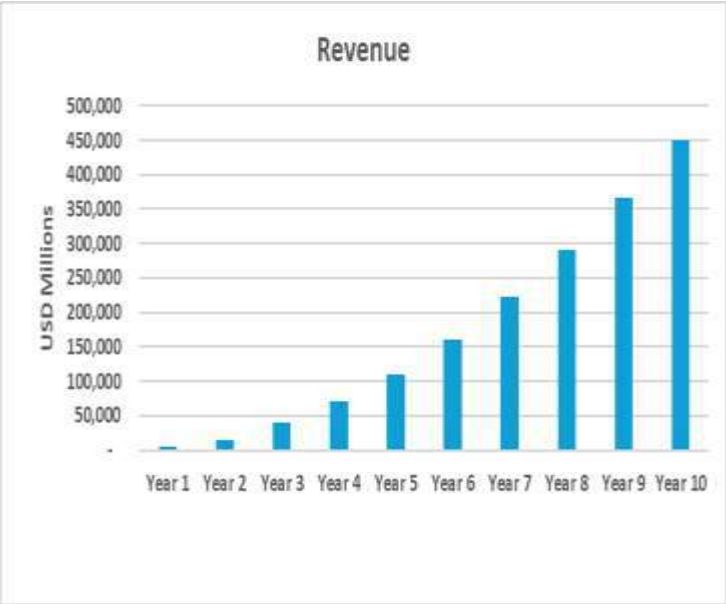
Values in $'000

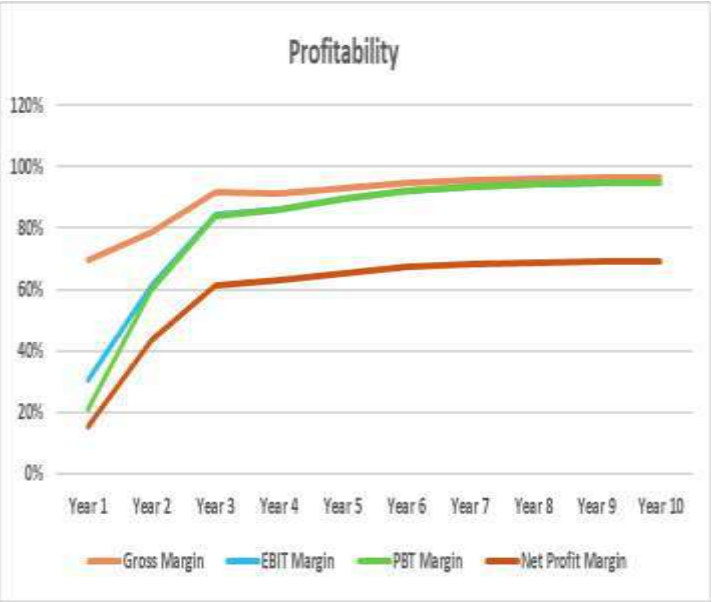
Income Statement	Year 1 $	Year 2 $	Year 3 $	Year 4 $	Year 5 $	Year 6 $	Year 7 $	Year 8 $	Year 9 $	Year 10 $
Revenue	5,287	15,132	40,373	71,974	110,486	160,447	221,749	290,374	366,850	450,918
Direct Cost	1,616	3,212	3,444	6,328	7,578	8,445	9,907	11,613	13,607	15,939
Gross Profit	**3,671**	**11,920**	**36,929**	**65,646**	**102,908**	**152,002**	**211,842**	**278,760**	**353,243**	**434,979**
Operating Expenses	1,226	1,600	1,620	2,200	2,560	3,008	3,534	4,153	4,880	5,734
EBITDA	**2,445**	**10,320**	**35,309**	**63,446**	**100,348**	**148,994**	**208,308**	**274,607**	**348,363**	**429,245**
Depreciation & Amortisation	827	1,011	1,196	1,380	1,564	940	978	1,039	1,125	1,237
EBIT	**1,618**	**9,308**	**34,114**	**62,066**	**98,784**	**148,054**	**207,329**	**273,568**	**347,238**	**428,008**
Interest Expense	500	250	250	-	-	-	-	-	-	-
Profit Before Tax	**1,118**	**9,058**	**33,864**	**62,066**	**98,784**	**148,054**	**207,329**	**273,568**	**347,238**	**428,008**
Tax Expense	302	2,446	9,143	16,758	26,672	39,975	55,979	73,863	93,754	115,562
Profit After Tax	**816**	**6,613**	**24,721**	**45,308**	**72,112**	**108,079**	**151,350**	**199,705**	**253,484**	**312,446**

Cumulative	Year 1 $	Year 2 $	Year 3 $	Year 4 $	Year 5 $	Year 6 $	Year 7 $	Year 8 $	Year 9 $	Year 10 $
Revenue	5,287	20,419	60,792	132,766	243,252	403,698	625,447	915,821	1,282,671	1,733,589
Direct Costs	1,616	4,828	8,272	14,600	22,178	30,623	40,530	52,143	65,750	81,689
Operating Expenses	1,226	2,826	4,446	6,646	9,206	12,214	15,748	19,901	24,781	30,515
Profit before Tax	1,118	10,176	44,040	106,106	204,890	352,944	560,273	833,841	1,181,079	1,609,087
Profit after Tax	**816**	**7,429**	**32,149**	**77,457**	**149,569**	**257,649**	**408,999**	**608,704**	**862,188**	**1,174,633**

- **PROJECT PERFORMANCE : The project is expected to maintain a strong revenue base over the next ten years, driven by significant increase in the company's share in the different market segmentations, and retaining an impressive gross margin throughout the forecast period despite selling prices remaining unchanged as direct cost increases over the next ten years.**
- **COST OF PRODUCTION :Direct costs, which are the costs incurred in the company's production delivery consists of direct materials, direct labour and technical service overhead expenses. Combined these costs are expected to grow from $1.62 million in Year 1 to $15.94 million in year 10.**
- **OPERATING COSTS: Operating expenses are expected to increase over the forecast period from $1.23 million in Year 1 to $5.73 million in Year 10. It is noted that operating expenses averages 3% of the total revenue over the period under review. The expenses is inclusive of staff salaries, general and administrative costs, advertising and marketing costs, maintenance fees, professional fees, and other miscellaneous expenses**
- **PROJECT PROFITABILITY: The business is expected to make profit from Year 1. Net profit increases from $0.82 million to $312.45 million over the ten-year forecast period.**

Income Statement(Pages 2 of 2) - Projected Financial Performance





- **Annual Revenue is expected to grow over the forecast period from $5.23 million to $450.92 million at a CAGR of 65%. However, it is noted that the revenue grows from Year 1 to Year 10. It is expected that the company will be earning oil production royalties as from Year 2.**
- **EBITDA is expected to grow from $2.45 million in Year 1 to $429.25 million in Year 10, at an average CAGR of 65%, with EBITDA margin averaging 85% over the same period.**
- **The sales price of services was was assumed to be an average of about $18,750.00 per square mile while the mobilisation and demobilization per square mile was $200.00. The royalty (ORR) per well was assumed to be 1.25%.**
- **Gross margin averages 90% over the period, with net profit margin averaging 59%, while EBIT and PBT margins average 82% and 81% respectively, during the forecast period.**
- **This model assumes that only five field teams in total including one long distance and one international field teams will be established.**
- **The large accumulated cash reserves allow for substantial expansion which will be considered and executed in due course.**

Balance Sheet (Pages 1 of 2) - Projected Financial Performance

Balance Sheet	Year 1 $	Year 2 $	Year 3 $	Year 4 $	Year 5 $	Year 6 $	Year 7 $	Year 8 $	Year 9 $	Year 10 $
Assets										
Non-current assets										
Property, plant and equipment	3,308	3,218	2,944	2,485	1,843	1,916	2,053	2,240	2,464	2,710
Total Non-current assets	**3,308**	**3,218**	**2,944**	**2,485**	**1,843**	**1,916**	**2,053**	**2,240**	**2,464**	**2,710**
Current assets										
Receivables	-	-	-	-	-	-	-	-	-	-
Cash and short-term deposits	2,809	11,656	40,848	91,729	174,399	295,707	462,925	680,328	953,478	1,287,485
Total current assets	**2,809**	**11,656**	**40,848**	**91,729**	**174,399**	**295,707**	**462,925**	**680,328**	**953,478**	**1,287,485**
Total assets	**6,118**	**14,874**	**43,792**	**94,215**	**176,241**	**297,623**	**464,978**	**682,567**	**955,942**	**1,290,195**
Equity										
Equity Contribution	-	-	-	-	-	-	-	-	-	-
Retained earnings	816	7,429	32,149	77,457	149,569	257,649	408,999	608,704	862,188	1,174,633
Total equity	**816**	**7,429**	**32,149**	**77,457**	**149,569**	**257,649**	**408,999**	**608,704**	**862,188**	**1,174,633**
Non-current Liability										
Payable	-	-	-	-	-	-	-	-	-	-
Loans and borrowings	5,000	2,500	-	-	-	-	-	-	-	-
Total non-current liabilities	**5,000**	**2,500**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Current liabilities										
Income Tax Provisions	302	2,446	9,143	16,758	26,672	39,975	55,979	73,863	93,754	115,562
Loans and borrowings	-	2,500	2,500	-	-	-	-	-	-	-
Total current liabities	**302**	**4,946**	**11,643**	**16,758**	**26,672**	**39,975**	**55,979**	**73,863**	**93,754**	**115,562**
Total Liabilities	**5,302**	**7,446**	**11,643**	**16,758**	**26,672**	**39,975**	**55,979**	**73,863**	**93,754**	**115,562**
Total equity and liabilities	**6,118**	**14,874**	**43,792**	**94,215**	**176,241**	**297,623**	**464,978**	**682,567**	**955,942**	**1,290,195**
	-	-	-	-	-	-	-	-	-	-

Key Performance Indicators

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Current Ratio	9.31	2.36	3.51	5.47	6.54	7.40	8.27	9.21	10.17	11.14

- **CURRENT ASSETS:** Current assets consist of account receivables and cash which the business is expected to generate upon commencement of operations.
- **LIQUIDITY PERFORMANCE:** The business is expected to be able to finance its day-to-day operations throughout the forecast period as cash is readily available in these years of operation.
- **INVESTMENT POTENTIAL:** Retained earnings maintain positive figures from Year 1 to Year 10, showing the business has available funds to reinvest for growth purposes

- **INVESTMENT AND EXPANSION POTENTIAL:** The project is expected to have enough retained earnings and generate adequate revenue to fund future financing requirement.
- **PROPERTY,PLANT AND EQUIPMENT:** The fixed asset portfolio is split into land & building, machinery & office equipment , installation & other cost and Motor vehicles with each cost accounting for various percentages of the capex cost.

Balance Sheet (Pages 2 of 2) - Projected Financial Performance

- Total assets increases steadily from $6.12 million in Year 1 to $1.290 billion in Year 10 while total liabilities, is seen to increase over the forecast period, starting at $5.30 million in Year 1 to $115.56 million in Year 10.
- The Debt Service Coverage Ratio (DSCR) which indicates the cash flow available to pay current debt obligation in a period is higher than 1.00x from Year 2 of the period under review and increases significantly up until debt is fully repaid.
- Current ratio which depicts the project's ability to meet its short-term obligations increased from 9.31x in Year 1 to 11.14x in Year 10. This indicates that the business would meet its short-term financial obligations over the project life.

Key Performance Indicators

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Current Ratio	9.31x	2.36x	3.51x	5.47x	6.54x	7.4x	8.27x	9.21x	10.17x	11.14x

Cashflow Statement - Projected Financial Performance

CONSOLIDATED INDIRECT CASH FLOW

Values in $'000

Cash Flow Statement	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Operating Cash flow										
Net Income	1,618	9,308	34,114	62,066	98,784	148,054	207,329	273,568	347,238	428,008
Depreciation	827	1,011	1,196	1,380	1,564	940	978	1,039	1,125	1,237
Changes in working capital:										
Receivables	-	-	-	-	-	-	-	-	-	-
Payables										
Income Tax Paid	-	(302)	(2,446)	(9,143)	(16,758)	(26,672)	(39,975)	(55,979)	(73,863)	(93,754)
Total Operating Cashflow	**2,445**	**10,018**	**32,864**	**54,302**	**83,590**	**122,322**	**168,333**	**218,628**	**274,500**	**335,491**
Cashflows from investing activities										
Capital expenditure	(4,135)	(921)	(921)	(921)	(921)	(1,013)	(1,115)	(1,226)	(1,349)	(1,484)
Total Investment Cashflow	**(4,135)**	**(921)**	**(921)**	**(921)**	**(921)**	**(1,013)**	**(1,115)**	**(1,226)**	**(1,349)**	**(1,484)**
Cashflows from financing activities										
Debt draw down	5,000	-	-	-	-	-	-	-	-	-
Debt repayment	-	-	(2,500)	(2,500)	-	-	-	-	-	-
Interest expense	(500)	(250)	(250)	-	-	-	-	-	-	-
Total Financing Cashflow	**4,500**	**(250)**	**(2,750)**	**(2,500)**	**-**	**-**	**-**	**-**	**-**	**-**
Total Cash	**2,809**	**8,846**	**29,192**	**50,881**	**82,669**	**121,309**	**167,218**	**217,402**	**273,151**	**334,007**
Opening Balance	**-**	**2,809**	**11,656**	**40,848**	**91,729**	**174,399**	**295,707**	**462,925**	**680,328**	**953,478**
Closing Balance	**2,809**	**11,656**	**40,848**	**91,729**	**174,399**	**295,707**	**462,925**	**680,328**	**953,478**	**1,287,485**
Cashflow Margin	**151%**	**108%**	**96%**	**87%**	**85%**	**83%**	**81%**	**80%**	**79%**	**78%**

- **Cash flow from operating activities is projected to average 92% throughout the forecast period.**
- **Finance activities which is estimated at $5 Million is the total initial funding requirement for the project. This cost is split into cost of acquiring equipment, and initial working capital required in the first year of business operation.**
- **The project will be financed solely from debt equity.**

Discounted Cashflow Statement - Projected Financial Performance

Values in $'000

Cash Flow Statement	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Operating Cash flow										
NOPAT	816	6,613	24,721	45,308	72,112	108,079	151,350	199,705	253,484	312,446
Add Depreciation & Amortisation	827	1,011	1,196	1,380	1,564	940	978	1,039	1,125	1,237
Less :Changes in working capital:	-	-	-	-	-	-	-	-	-	-
Less : Capital expenditure	(4,135)	(921)	(921)	(921)	(921)	(1,013)	(1,115)	(1,226)	(1,349)	(1,484)
Free Cash flow to firm	**5,779**	**8,545**	**26,837**	**47,609**	**74,598**	**110,033**	**153,444**	**201,970**	**255,958**	**315,167**
Terminal Value										
Free Cash flow to firm	5,779	8,545	26,837	47,609	74,598	110,033	153,444	201,970	255,958	315,167
Loan repaymet	-	-	-	-	-	-	-	-	-	-
Loan drawdown	5,000	-	-	-	-	-	-	-	-	-
Financing cost	(500)	(250)	(250)	-	-	-	-	-	-	-
Free Cash flow to Equity	**4,500**	**(250)**	**(250)**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Discount factor	1.00	0.96	0.93	0.89	0.86	0.83	0.80	0.77	0.74	0.71
Present value of Future Cashflows	5,779	8,232	24,908	42,570	64,259	91,313	122,677	155,563	189,928	225,302
Add Back discounted Project Outlay	(4,135)	(888)	(855)	(824)	(794)	(841)	(891)	(945)	(1,001)	(1,061)
Adjusted net cashflow	1,643	7,345	24,053	41,746	63,466	90,472	121,786	154,618	188,927	224,241
Cummulative net cash flow	**1,643**	**8,988**	**33,041**	**74,787**	**138,253**	**228,725**	**350,511**	**505,130**	**694,057**	**918,298**

- The Company's project portfolio is expected to generate a positive Net Present Value (NPV) of about $1.247 Billion USD
- A WACC (Weighted Average Cost of Capital) of 3.80% was used in estimating the Project IRR and Net present Value (NPV).
- The WACC is calculated as the Weighted Average of the Cost of Capital of the proposed equity and debt investment.
- The project IRR is ~389.78%, which is significantly above the WACC (Project hurdle rate) indicates that the project is commercially viable.
- The business is expected to recover its initial cost of investment within ~1.1 Years of operation.

Project IRR	**389.78 %**
Project NPV in USD million	**$1,247.46**
Payback Period (Accounting and loan tenure resp.)	**1.1 and 3 Years**
ROCE (The Return on Capital Employed)	**40%**

Direct Cashflow Statement: Projected Financial Performance

CONSOLIDATED DIRECT CASHFLOW STATEMENT											
Values in $'000											
DETAILS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	TOTAL
SOURCES OF FUNDS											
Mapping	5,231	9,000	11,250	13,500	16,200	18,968	21,611	24,255	26,899	29,543	176,456
Mob and Demob	56	96	120	144	173	202	231	259	287	315	1,882
Overrides	-	6,036	29,003	58,330	94,113	141,277	199,907	265,860	339,664	421,060	1,555,250
Total Revenue	**5,287**	**15,132**	**40,373**	**71,974**	**110,486**	**160,447**	**221,749**	**290,374**	**366,850**	**450,918**	**1,733,589**
Receivable	-	-	-	-	-	-	-	-	-	-	-
Loan	5,000	-	-	-	-	-	-	-	-	-	**5,000**
											-
TOTAL RECEIPTS **A**	**10,287**	**15,132**	**40,373**	**71,974**	**110,486**	**160,447**	**221,749**	**290,374**	**366,850**	**450,918**	**1,738,589**
APPLICATION OF FUNDS											
CREDITORS	-	-	-	-	-	-	-	-	-	-	-
Income Tax expense	-	302	2,446	9,143	16,758	26,672	39,975	55,979	73,863	93,754	318,891
Equipment Costs Field Team 1	704	147	147	147	147	162	178	196	215	237	2,279
Equipment Costs Field Team 2	681	147	147	147	147	162	178	196	215	237	2,256
Equipment Costs Field Team 3	665	147	147	147	147	162	178	196	215	237	2,241
Equipment Costs Field Long Distance	682	171	171	171	171	188	207	227	250	275	2,514
Equipment Costs Field International Team	775	217	217	217	217	239	263	289	318	349	3,100
Fuel, Maintenance, Misc. for Field Teams	251	432	540	648	778	455	519	582	646	709	5,559
Machine Learning, Artificial Intelligence	216	24	24	24	24	26	29	32	35	39	473
Equip base operating system development	77	12	12	12	12	13	15	16	18	19	206
Software Development Hipterra V2.0	193	30	30	30	30	33	36	40	44	48	514
Hardware, Server, Software, Web	82	14	14	14	14	16	17	19	21	23	236
Misc. Development	61	12	12	12	12	13	15	16	18	19	189
Salaries and Consulting	1,365	2,780	2,904	5,680	6,800	7,990	9,388	11,031	12,962	15,230	76,130
Overhead	560	840	860	1,440	1,800	2,115	2,485	2,920	3,431	4,031	20,483
Insurance	169	196	196	196	196	230	271	318	374	439	2,584
Office Space	117	204	204	204	204	240	282	331	389	457	2,631
Misc./Travel/Contingency	380	360	360	360	360	423	497	584	686	806	4,817
Loan Principal Repayment	-	-	2,500.00	2,500.00	-	-	-	-	-	-	**5,000**
Loan Interest Expense	500	250	250	-	-	-	-	-	-	-	**1,000**
TOTAL PAYMENTS **B**	**7,478**	**6,285**	**11,181**	**21,093**	**27,817**	**39,138**	**54,531**	**72,971**	**93,699**	**116,911**	**451,103**
CASH SURPLUS (A - B)	**2,809**	**8,846**	**29,192**	**50,881**	**82,669**	**121,309**	**167,218**	**217,402**	**273,151**	**334,007**	**1,287,485**
OPENING CASH BALANCE.	**-**	**2,809**	**11,656**	**40,848**	**91,729**	**174,399**	**295,707**	**462,925**	**680,328**	**953,478**	**-**
CLOSING CASH BALANCE.	**2,809**	**11,656**	**40,848**	**91,729**	**174,399**	**295,707**	**462,925**	**680,328**	**953,478**	**1,287,485**	**1,287,485**

Product Liability Insurance

Key features

Hipterra, LLC is obtaining comprehensive Product Liability Insurance that specifically caters to the needs of an oil and gas exploration and consulting company. Here are the key features of the policy:

Key Features of Product Liability Insurance:

1. Coverage for Bodily Injury: Protection in cases where customers suffer injuries on site. N600.000.00
2. Coverage for Property Damage: Coverage if the product causes damage to someone's property.
3. Completed Operations Coverage: Protects against claims arising after the service has been delivered.
4. Legal Defense Costs: Covers the legal fees associated with defending against claims.
5. Product Recall Insurance: In case a recall becomes necessary due to contamination, mislabeling, or other issues.
6. Vendor's Coverage: Extends coverage to vendors who sell or distribute Hipterra's services and products.

Key Particulars

Key Particulars of the Product Liability Insurance:

1. Providers: C3 Risk and Insurance Services
2. Coverage: $6,100,000
3. Key details: Detailed information about the products, including manufacturing processes, quality control measures, distribution channels, and historical safety data ahs been provided to the insurance company.
4. Cost: We have ensured that competitive rates and comprehensive coverage are obtained.
5. Policy Details: We have carefully reviewed policy terms, conditions, exclusions, and limitations and are satisfied with them.

Coverage

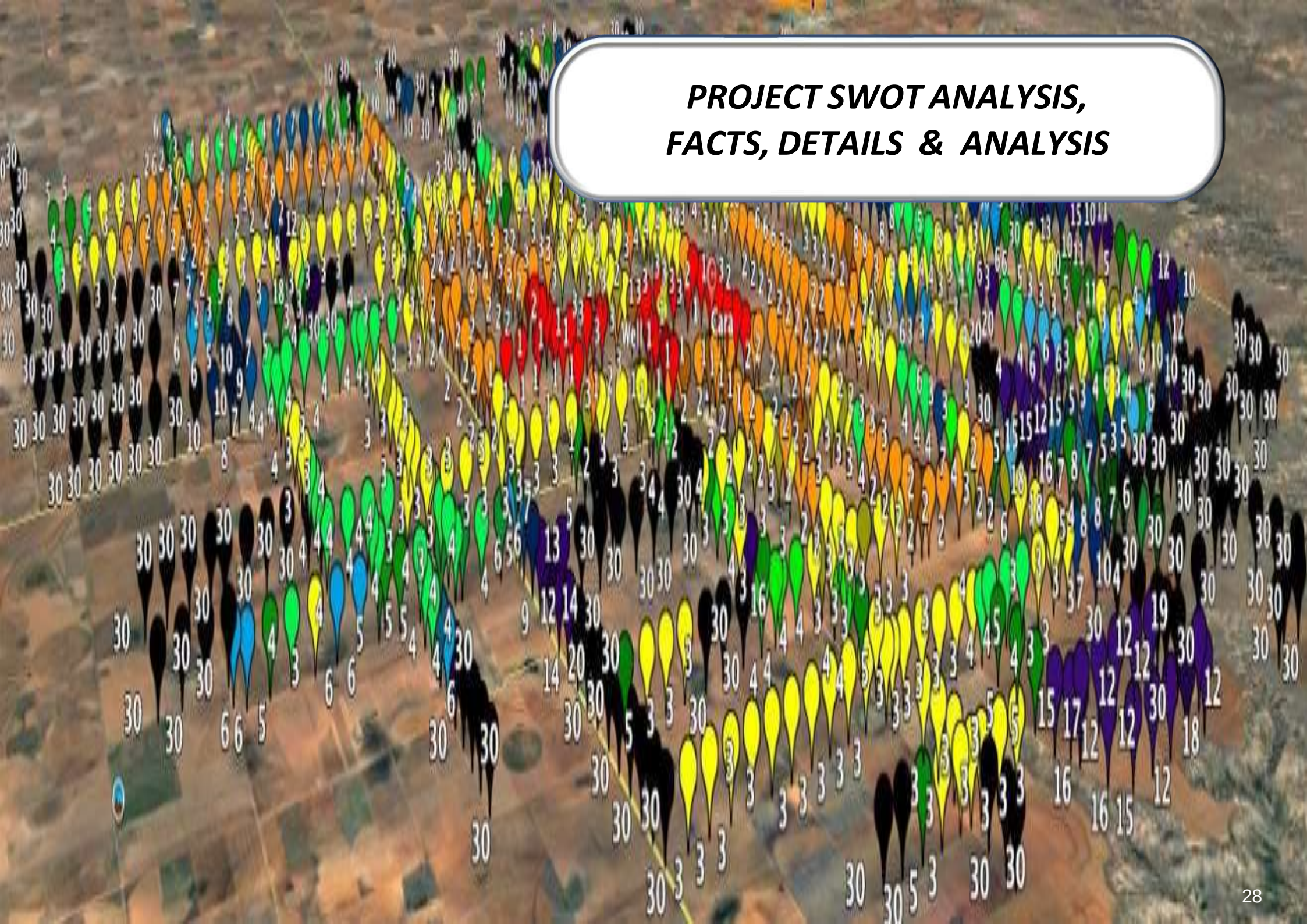
Coverage Amounts:

The amount of coverage needed for the policy is $10 million, and this takes into consideration the scale of operations and potential risk exposure.

Consultation with Experts:

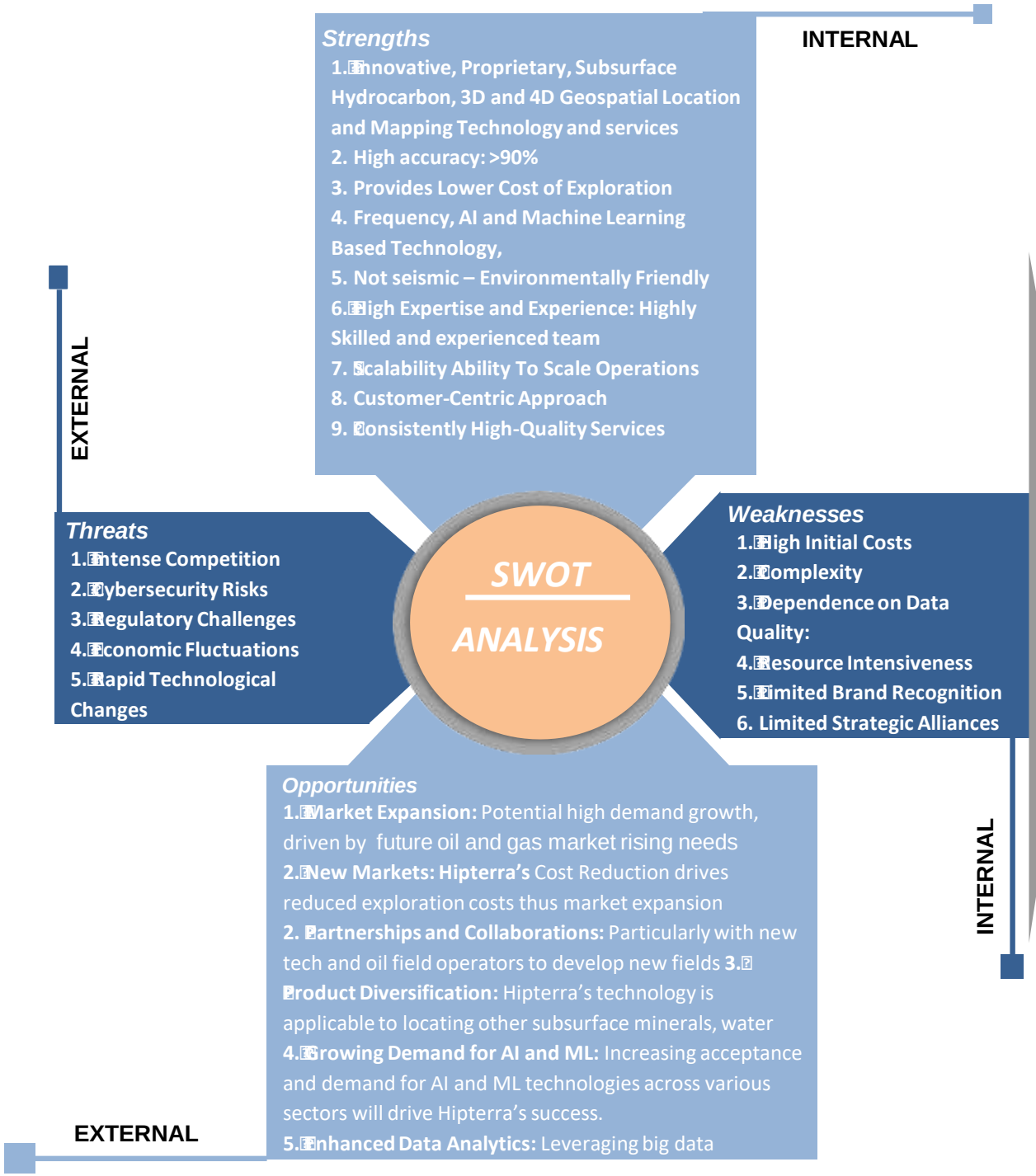
Hipterra has consulted with insurance brokers who specializes in product liability for food and medicinal products to ensure the most appropriate coverage is secure.

By securing the right product liability insurance, Hipterra, LLC has protected its financial assets and reputation while ensuring customer safety and compliance with industry regulations.



PROJECT SWOT ANALYSIS, FACTS, DETAILS & ANALYSIS

SWOT ANALYSIS – Hipterra's Strengths, Weaknesses, Opportunities & Threats



S

- **Hipterra's proprietary and revolutionary lower cost, frequency based, and AI and ML driven technology**, hydrocarbon exploration solution is a major strength which will clear the path to Hipterra becoming the leader in exploration globally .
- The high accuracy of Hipterra's technology provides several strengths:
- **Reduced Exploration Costs:** Hipterra's accurate subsurface mapping reduces the number of exploratory wells needed, saving on drilling costs.
- **Lower Operational Costs:** Accurate data minimizes the risk of operational failures and unexpected downtimes, leading to lower maintenance and operational expenses.
- **Optimized Resource Utilization:** By providing precise subsurface information, Hipterra helps maximize the extraction of hydrocarbon resources, reducing waste and inefficiencies.
- **Faster Decision-Making:** High-quality data and rapid analysis speeds up the decision-making process, reducing the duration of costly exploratory phases.
- **Decreased Environmental Costs:** Efficient and precise mapping (.90%) lowers the environmental footprint of exploration activities, potentially saving costs associated with environmental compliance and reclamation.
- **Improved Project Planning:** Enhanced accuracy in subsurface mapping leads to better project planning and reduced risk of cost overruns.
- **The efficiency of the business model** overall, leads to effective growth, stability, & sustainability encouraging brand, personnel, & customer loyalty,
- **Leveraging Hipterra's advanced technology**, clients can achieve significant financial benefits, reducing overall exploration and production costs.

W

- **By Applying prudent and cost saving strategies** in the acquisition of the technology using efficient management and financial products Hipterra can establish itself in business with minimal pains.
- **Utilizing online learning solutions and simulations** , training and manpower development costs can be brought reduced significantly to affordable levels and be eliminated as a weakness in the business development plan.
- **Data quality dependence is not a threat** with the Hipterra technology since it utilizes continuous data acquisition strategies, machine learning and AI collecting big data which when analyzed and aggregated provides highly accurate and reliable data.
- Data Processing Resource intensiveness is mitigated by the efficiencies of the AI algorithms and ML strategies.
- Hipterra shall establish strategic partnerships and collaborations that complement Hipterra's strengths and mitigate its weaknesses. An example of this acquiring oil production operators as technical and financial partners.

O

- **Hipterra's technology - cost effectiveness, speedy and accurate delivered by a team of customer centric experts**, opens the opportunities in oil and gas exploration, reservoir development, and new field development and production abundantly for Hipterra. This almost seems unfair to the competition, however, Hipterra will adopt an inclusive strategy fostering industry cooperation and teamwork that will build strong, productive and complementary partnerships.
- The growing recognition and demand for AI and ML, partly the bedrock of Hipterra's technology and strength, has resulted in Hipterra being seen more often as the exploration partner of choice in the industry. This shall extend to the mineral and water industries.

T

- Competition lags behind Hipterra. Hipterra technology and business model overshadows the competition who have outdated and inaccurate seismic tech.
- Hipterra's low-cost structure mitigates the Threat: The big players are reducing their onshore exploration activity due to their high costs and low returns. The competition poses little threat to Hipterra. Leaving a profitable opportunity.
- Economic fluctuations sometimes cause oil prices to dip, having a negative impact on oil exploration. The accuracy and cost efficiency of Hipterra's exploration services is noted as the most viable option for the industry.

Extended SWOT Analysis

This SWOT analysis can help Hipterra identify strategic actions to leverage strengths, improve weaknesses, capitalize on opportunities, and mitigate threats.

Strengths

1. Innovative Technology:
   - Advanced machine learning and AI integration enable cutting-edge, high-precision services.
2. Customer-Centric Approach:
   - Personalized solutions and proactive customer support enhance user satisfaction and loyalty.
3. Scalability:
   - Ability to scale operations efficiently thanks to robust and flexible technology infrastructure.
4. Expertise and Experience:
   - A team of skilled professionals with deep industry knowledge and technical expertise.
5. High-Quality Service:
   - Consistently high standards in project execution and service delivery.

Weaknesses

1. High Initial Costs:
   - Significant investment required for technology development and implementation.
2. Complexity:
   - Complex solutions may require extensive training and adaptation for new clients.
3. Dependence on Data Quality:
   - Performance is highly dependent on the quality and accuracy of the data input.
4. Resource Intensiveness:
   - Requires substantial computational resources and infrastructure.
5. Limited Brand Recognition:
   - May not yet be a well-known brand in some competitive markets.

Opportunities

1. Market Expansion:
   - Potential to expand into new markets and industries.
2. Partnerships and Collaborations:
   - Opportunities for strategic partnerships with other tech firms and industry leaders.
3. Product Diversification:
   - Development of new, innovative service offerings to meet diverse customer needs.
4. Growing Demand for AI and ML:
   - Increasing acceptance and demand for AI and ML technologies across various sectors.
5. Enhanced Data Analytics:
   - Leveraging big data to offer more insightful and value-driven services.

Threats

1. Intense Competition:
   - Presence of many competitors in the tech services market.
2. Cybersecurity Risks:
   - Potential vulnerabilities to cyber-attacks and data breaches.
3. Regulatory Challenges:
   - Emerging laws and regulations around data privacy and technology use.
4. Economic Fluctuations:
   - Economic downturns may impact client budgets and spending.
5. Rapid Technological Changes:
   - Need to continuously innovate and stay ahead of rapid technological advancements.

Innovative Cost Savings with Hipterra's Advanced Solutions – 70% savings

Hipterra's Technology, Services and Advanced and Solutions save clients significant costs :

1. Exploration Costs:

- **Scenario: A traditional seismic survey might require drilling 10 exploratory wells to find a viable oil reservoir.**
- **Hipterra's Solution: Improved accuracy in subsurface mapping might reduce this to 3 wells.**
- **Savings: Each well costs $5 million. Traditional method = $50 million (10 wells). Hipterra method = $15 million (3 wells). Total Savings: $35 million.**

2. Operational Efficiency:

- **Scenario: An oil company relies on outdated data, leading to frequent downtimes for equipment repairs.**
- **Hipterra's Solution: Accurate subsurface data reduces unexpected issues and optimizes equipment use.**
- **Savings: Reduced downtime from an average of 10 days/year ($1 million/day) to 2 days/year. Total Savings: $8 million/year.**

3. Resource Extraction:

- **Scenario: Traditional mapping extracts 70% of hydrocarbons from a reservoir.**
- **Hipterra's Solution: Precise data increases extraction efficiency to 90%.**
- **Savings: For a reservoir worth $100 million, increased extraction yields an extra $20 million in recoverable hydrocarbons. Total Benefit: $20 million.**

4. Speed of Data Acquisition:

- **Scenario: Traditional methods require 6 months for data acquisition and processing.**
- **Hipterra's Solution: Advanced technology reduces this to 2 months.**
- **Savings: Quicker turnaround accelerates project timelines, with an average saving of $500,000/month for operational costs. Total Savings: $2 million.**

5. Environmental Compliance:

- **Scenario: Environmental remediation costs for traditional methods average $10 million after a project.**
- **Hipterra's Solution: More precise mapping reduces environmental impact.**
- **Savings: Remediation costs drop to $3 million. Total Savings: $7 million.**

6. Conclusion:

- **Hipterra's advanced seismic mapping and subsurface analysis could lead to substantial cost savings across various aspects of exploration and production.**

Strategy to Overcome Weaknesses

To improve its weaknesses, Hipterra implements several strategic actions:

1. Conduct SWOT Analysis:
- **Identified Specific Weaknesses: Understanding internal and external factors that contribute to weaknesses.**
- **Prioritized Issues: Addressing the most critical weaknesses first.**

2. Customer Feedback:
- **Conducting Surveys & Reviews: Collecting feedback through various channels.**
- **Improving Customer Service: Responding to complaints and improve customer relations.**

3. Employee Training:
- **Skill Development: Providing ongoing training to staff.**
- **Employee Engagement: Fostering a positive work environment to boost productivity.**

4. Process Optimization:
- **Lean Techniques: Implementing lean management techniques.**
- **Automation: Investing in technology to automate repetitive tasks.**

5. Financial Management:
- **Budget Reviews: Regularly reviewing and adjusting budgets.**
- **Cost-Cutting Measures: Implementing cost-saving strategies where needed.**

6. Market Research:
Study Competitors: Learning from competitors' strengths and strategies.
- **Adapt to Trends: Staying updated with market trends and adjusting offerings accordingly.**

7. Product/Service Quality:
- **Quality Control: Implementing rigorous quality checks.**
- **Customer-Centric Design: Developing products with user needs in mind.**

8. Marketing and Branding:
- **Refresh Branding: Updating brand messaging and collateral.**
- **Effective Marketing: Utilizing digital marketing to reach a broader audience.**

9. Technology Upgrades:
- **Invest in New Technologies: Staying current with technological advancements.**
- **Cybersecurity: Ensuring robust security measures are in place.**

10. Strategic Partnerships:
- **Collaborate: Forming alliances that complement strengths and mitigate weaknesses.**

By following these steps Hipterra is turning weaknesses into opportunities for growth and improvement.

Business Implementation Strategy (1 of 2)

Business Implementation Plan for Hipterra's subsurface 3D and 4D Geospatial:

1. Market Research and Business Plan Development

- **Market Analysis: Research the demand for multi-dimensional geospatial mapping AI modeling intelligence platform for the identification, interpretation, and exploitation of traditional subsurface hydrocarbon accumulations, target market demographics, competitors, and market trends has been executed but will be done in even more details once the new SPV commences after funding.**
- **Business Plan: The business plan outlining the business objectives, target market, competitive analysis, marketing strategies, financial projections, and operational plans has been executed and will be regularly updated to ensure validity taking into considerations changes in the economy, the market and the supply chain**

2. Legal Compliance

Legal Structure: The legal structure has been completed.
Permits and Licenses: All necessary permits and licenses.
Regulatory Compliance: Ensure compliance with local, state, and federal regulations, including health and safety standards.

3. Funding and Financial Planning

- **Identify Funding Sources: Secure initial funding through loans, grants, or investors.**
- **Financial Plan: Develop a detailed financial plan including startup costs, operating expenses, and revenue projections - EXECUTED.**
- **Accounting System: Set up an accounting system to manage finances, track expenses, and report financial performance. EXECUTED.**

4. Facility and Equipment Acquisition

- **Facility Leasing or Purchase: Identify and lease or purchase a suitable facility for labs and equipment.**
- **Equipment Procurement: Acquire necessary equipment for 3D and $D geospatial subsurface hydrocarbon exploration**
- **Field Team Setup: Set up the field teams to meet the specific requirements for exploration and mapping.**

5. Staff Recruitment and Training

- **Hiring Plan: Develop a hiring plan to recruit essential staff including cultivation experts, production staff, quality control personnel, and logistics coordinators.**
- **Job Descriptions: Create detailed job descriptions and begin the recruitment process - EXECUTED**
- **Training Program: Implement comprehensive training programs to ensure staff are knowledgeable about medicinal mushroom cultivation, production processes, and safety protocols – EXECUTED**

Business Implementation Strategy (2 of 2)

6. Mapping and Production

- Sourcing Equipment and Materials: Source high-quality materials from trusted suppliers.
- Mapping and exploration: Develop detailed standard operating procedures (SOPs) for delivering the various services- EXECUTED
- Production Workflow: Establish a streamlined workflow for executing the technical and operational - EXECUTED
- Quality Control: Implement stringent quality control processes to ensure the Service Level Agreements are achieved.

7. Logistics

- Logistics Planning: Develop a logistics plan to manage Field Team movements.
- Supply Chain Management: Establish relationships with reliable logistics providers to ensure timely and efficient delivery of equipment and products.

8. Marketing and Sales Strategy

- Brand Development: Create a brand identity, including logo, packaging design, and website - EXECUTED
- Marketing Plan: Develop and execute a comprehensive marketing strategy including online marketing, social media campaigns, content marketing, and partnerships with exploration and oil production influencers.
- Sales Channels: Identify and develop sales channels where applicable especially in international markets

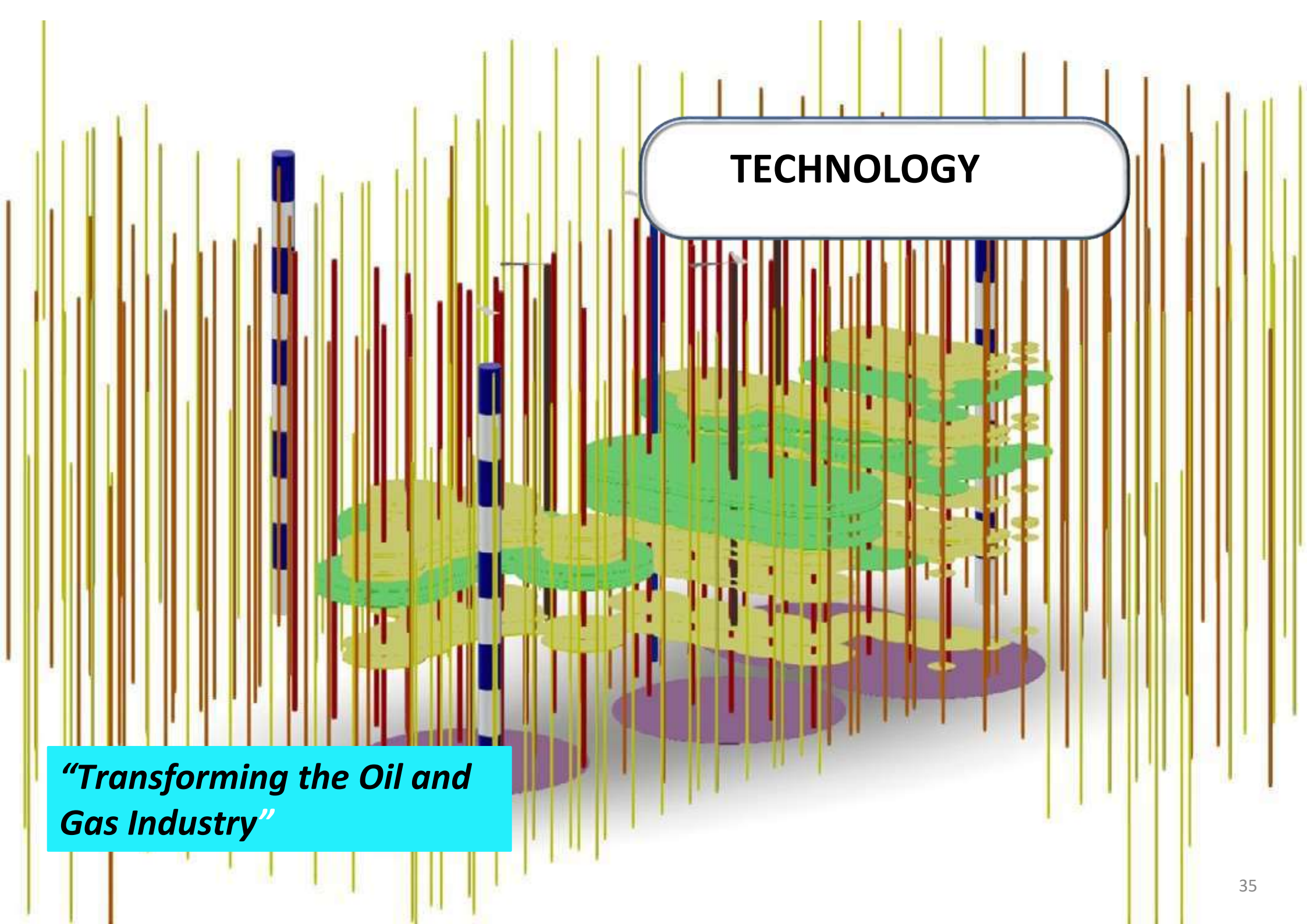
9. Customer Service and Feedback

- Customer Service Infrastructure: Establish a customer service team to handle inquiries, orders, and support.
- Feedback Loop: Implement a feedback system to gather customer reviews and continuously improve service quality.

10. Continuous Improvement and Scaling

- Monitor Performance: Regularly review business performance, financial health, and market trends.
- Adapt and Innovate: Continuously adapt operations and innovate based on customer feedback and industry developments.
- Scaling Strategy: Develop a scaling strategy to expand service delivery as the business grows.

Using this comprehensive implementation plan, Hipterra can effectively grow and deliver its business objectives.


TECHNOLOGY
“Transforming the Oil and Gas Industry”

Proprietary Technology – Hipterra

Proprietary Technology

Licensed Unique Technology

- The Hipterra technology and processes have no direct competition because of the unique and proprietary technology and approach to hydrocarbon detection

Original Techniques and methods

- The use of AI in conjunction with the Hipterra new technology, software, and hydrocarbon discovery strategies delivers a formidable set of exploration solutions and a unique selling proposition that guarantees market and economic success

Unique Procedures

- Using frequency detection, advanced data analytics, artificial intelligence and cutting-edge sensors gives Hipterra a massive
- technological advantage

Natural

- When Isotopes are displaced by the natural movement of hydrocarbon accumulations, they emit a particular frequency which is received by Hipterra's technology and used effectively.

Introduction to Hipterra's Technology

- Hipterra has pioneered a cutting-edge, proprietary technology suite that revolutionizes onshore subsurface hydrocarbon exploration and mapping. Our advanced methodologies are anchored in the integration of 3D and 4D geospatial analytics, augmented by AI-driven detection systems, to deliver pinpoint-accurate hydrocarbon location and assessment services. This unique technological framework not only enhances the precision of hydrocarbon mapping but also significantly reduces exploration risk and operational costs.

Core Components

1. 3D and 4D Geospatial Analytics:

- **3D Analysis:** Utilizing advanced geospatial algorithms, Hipterra constructs comprehensive three-dimensional models of subsurface terrains, enabling a detailed visualization of potential hydrocarbon deposits.
- **4D Temporal Evolution:** Beyond static mapping, our 4D technology incorporates time-based changes and variations, providing dynamic insights into subsurface movements and hydrocarbon flow patterns over time.

2. AI-Assisted Detection and Mapping:

- **Machine Learning Algorithms:** Our proprietary AI systems employ sophisticated machine learning models that analyze vast datasets, detecting subtle geological indicators that signify hydrocarbon presence.
- **Predictive Analysis:** These algorithms predict the most probable locations of hydrocarbon reservoirs, dramatically improving the accuracy of exploration activities.

Unique Value Propositions

1. High Precision and Accuracy:

- Hipterra's technology significantly outperforms traditional methods, offering unprecedented spatial resolution and temporal coherence.
- The integration of AI reduces human error, ensuring precise hydrocarbon assessments.

2. Reduced Exploration Risk:

- By providing high-accuracy mapping, Hipterra minimizes the financial and operational risks associated with exploratory drilling.
- Our predictive models forecast geological uncertainties, enabling proactive planning and risk mitigation.

3. Cost-Effectiveness:

- **Enhanced accuracy** translates to fewer unnecessary drillings, optimizing resource allocation and reducing overall exploration costs.
- Advanced mapping shortens the time to discovery, accelerating project timelines and enhancing ROI.

4. Environmental Responsibility:

- By precisely targeting hydrocarbon reservoirs, Hipterra minimizes the environmental footprint of exploration activities.
- Our technology supports sustainable exploration practices, aligning with regulatory standards and corporate social responsibility goals.

Competitive Edge

Hipterra's proprietary technology sets a new industry benchmark for the oil and gas sector. Our integration of 3D and 4D geospatial analytics with AI-driven capabilities positions us as a leader in hydrocarbon exploration. We offer:

- Unmatched Data Granularity: The detailed subsurface models we generate provide invaluable insights unattainable through conventional exploration techniques.
- Speed and Efficiency: Accelerated data processing and real-time analysis deliver faster results, enabling agile decision-making.
- Innovative Approach: Our continuous R&D ensures that Hipterra remains at the forefront of technological advancements, offering clients the latest and most effective exploration tools.

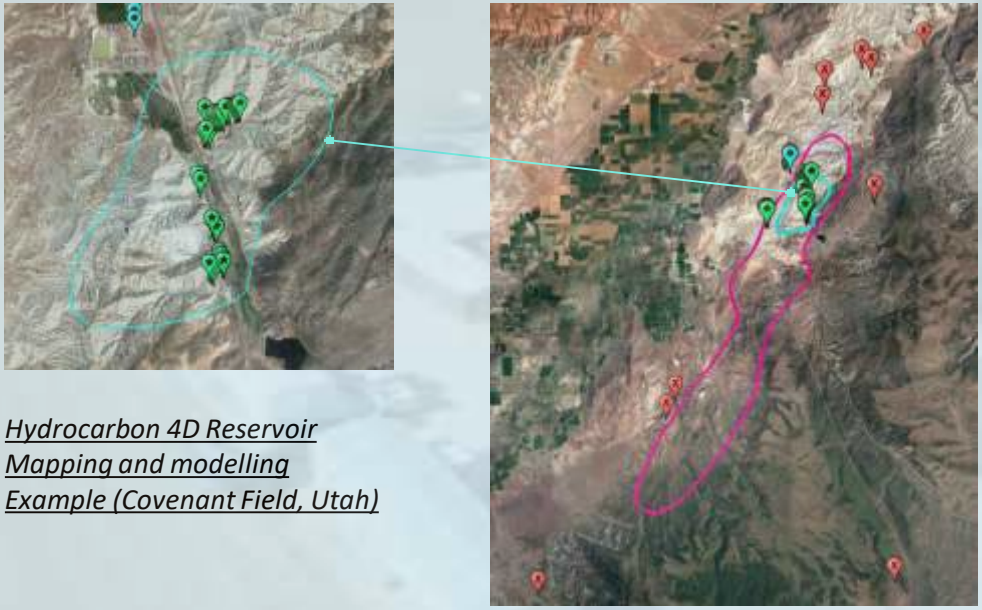
Conclusion

Hipterra's proprietary technology embodies the next generation of hydrocarbon exploration. By leveraging state-of-the-art 3D and 4D geospatial analytics and sophisticated AI-assisted systems, we provide unique, highly competitive solutions tailored to the evolving needs of the oil and gas industry. Our commitment to precision, cost-efficiency, and environmental stewardship ensures that Hipterra remains a trusted partner for exploration success.

Product / Service Overview - Hipterra

Hipterra is transforming the oil and gas industry with unsurpassed field optimization that leads to greater oil and gas production from fewer wells. Hipterra delivers a success rate exceptionally higher than industry averages.

These advancements will disrupt the way oil and gas reservoirs reservoir development and exploration is taught and executed. This is accomplished by combining proprietary hydrocarbon-specific field data, inhouse software, and artificial intelligence. This first to market platform maps and models subsurface hydrocarbon accumulations in 3D and 4D.



Hydrocarbon 4D Reservoir Mapping and modelling Example (Covenant Field, Utah)

The century-old formulas and strategies for identifying and developing conventional hydrocarbons have been rewritten by Hipterra. Executives and engineers are now able to make uniquely precise decisions regarding the fields and projects under their direction.

THE PLATFORM

Hipterra is a proprietary multi-dimensional geospatial AI modeling intelligence platform for the identification, interpretation, and exploitation of traditional subsurface hydrocarbon accumulations. To simplify, it is THE Hydrocarbon Intelligence Platform.

PROPRIETARY TECHNOLOGY

The Hipterra platform is the only oil & gas reservoir development and exploration system of its kind. It is built by combining proprietary field data acquisition technologies together with proprietary digital 3D subsurface modeling software powered by Artificial Intelligence.

PRECISE TARGETING

Hipterra has a historical field success rate that is significantly greater than US and global industry averages due to Hipterra's precise subsurface targeting with its 3D and 4D modeling systems. In short, Hipterra has eliminated virtually all the guess-work in subsurface hydrocarbon mapping.

Three Major Differences Between Hipterra and the Others

FIRST: HYDROCARBON DETECTION

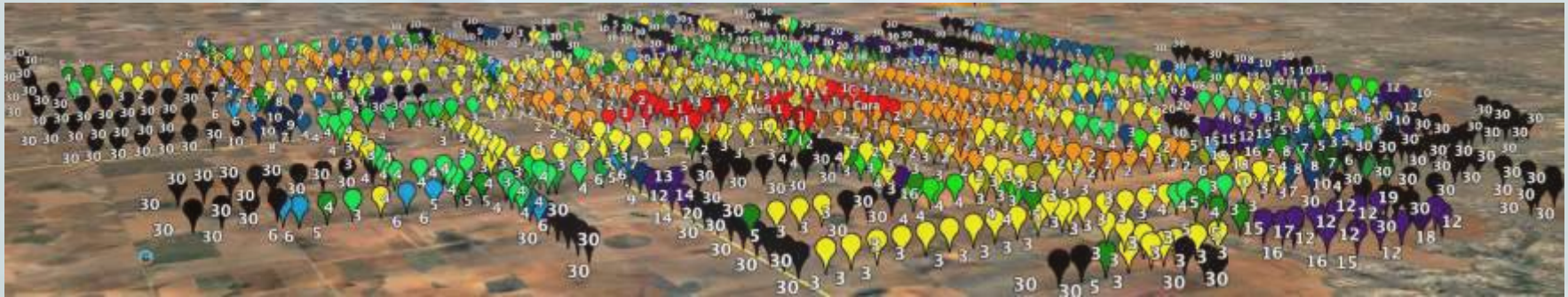
Conventional subsurface oil and gas accumulations vary from deposit to deposit. However, all conventional hydrocarbon deposits emit signature frequencies that are identified and quantified by Hipterra.

The cornerstone of the hydrocarbon-sensing technologies utilized by Hipterra is based on understanding the relationship between certain isotopes in the earth and how they are affected by the vertical migration of hydrocarbons.

This interaction creates certain frequencies that act as specific signatures for hydrocarbon deposits and can be identified at the surface.

Unlike geo-chem, this signature can correctly identify not only the presence, but the commercial viability, of a field. When the hydrocarbon signature is absent, there is a 0% chance of dis- covering oil. To date, over 260 wells have been drilled in these “zero-oil” zones and all have resulted in dry wells. Additionally, the most prolific areas of the anomaly can be correctly mapped providing greater efficiency in project development.

Hipterra utilizes additional methodologies for hydrocarbon detection. Several of these methods have been perfected for over 35 years. During that time, several thousand well-bores have been analyzed and over 25 fields have been modeled and discovered utilizing these refined methodologies with a market value of tens of billions of dollars. During these past 35 years, proprietary diagnostic advancements have been made to our tools as well as the interpretation thereof. That is what entirely separates Hipterra from the rest of the industry.

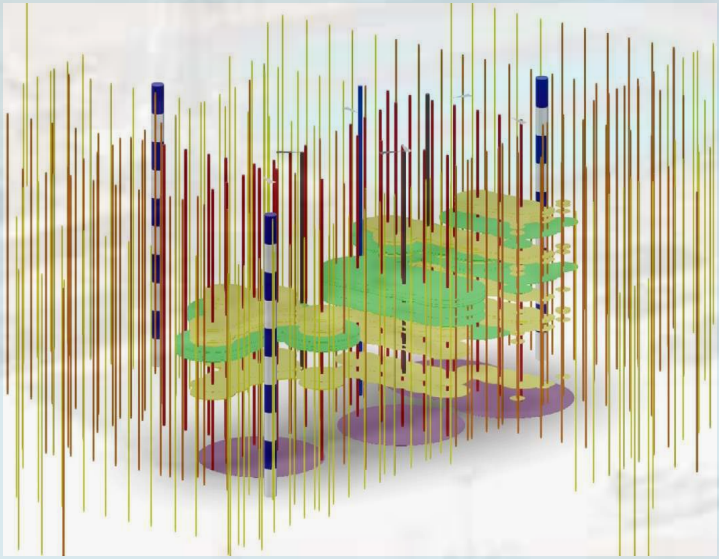


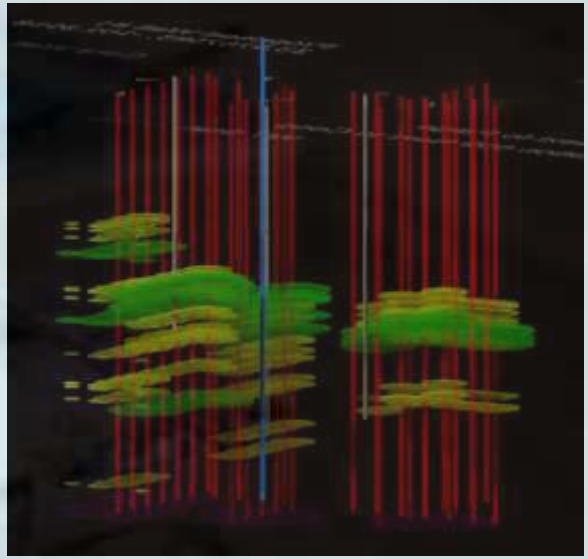
SECOND: SUBSURFACE 3D AI MODELING

Once the hydrocarbon data collection is physically completed in the field, the data is then digitized through our proprietary methodology which is preparatory to the 3D modeling process. Hipterra spent the last 15 years engineering and developing THE solution that creates the digital 3D model of the hydrocar- bons. Two separate software systems along with AI are utilized for spatial mapping.

The first system focuses on mapping the points onto a geo- spatial platform and processes the data utilizing proprietary al- gorithms. The second system is considered the digital “Secret Sauce” behind not only rendering a 3D subsurface model on new fields, but also building out existing fields that are already in production.

This AI system interprets the collected data and can pinpoint the accumulations with accuracy well above 90%. Ultimately, the two platforms are combined, and a final 3D model is created.





THIRD: REWRITING THE RESERVOIR & EXPLORATION FORMULAS

EXPLORATION FORMULA: For over a century, exploration has relied on initially identifying a subsurface structure through geological or geophysical methods. Once a potential structure is identified, a drilling program is executed to determine if hydrocarbons exist within the structure. Even with modern advancements in technology, this method has a global success rate of about 30%.

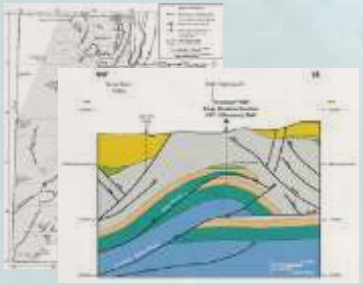
Hipterra has redefined the exploration formula. Instead of starting with structural identification, Hipterra's first step is to detect the presence of subsurface hydrocarbons. Proprietary methodologies enable Hipterra to create a subsurface 3D image of accumulated hydrocarbons. This 3D anomaly is then compared to available structural data. If the data does not align—an uncommon occurrence—the prospect is rejected.

Typically, 3D hydrocarbon mapping allows geophysicists to outline the subsurface structure with greater confidence. By defining the borders of the hydrocarbon anomaly and determining optimal well locations, virtually all guesswork is eliminated.

By prioritizing the identification of subsurface hydrocarbons independently of seismic, structural, or offset well data, Hipterra has improved the exploration success rate from 30% to over 90%.

INDUSTRY FORMULA (30% SUCCESS)

STEP 1
Identify a potential subsurface structure

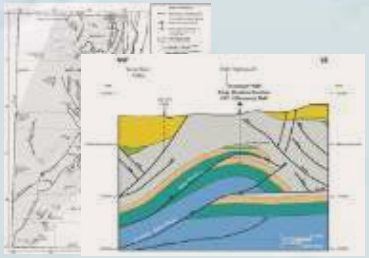


STEP 2
Confirm the presence of Hydrocarbons through a drilling program

HIPTERRA FORMULA (90% SUCCESS)

STEP 1 (KEY)
Identify an accumulation of hydrocarbons

STEP 2
Confirm the structure through structural data



STEP 3
Move to a drilling program for development

History Of Success – 200 Years of Experience

The Hipterra Field and Software Development Teams boast over 200 years of combined experience in the oil & gas and software industries. They have played key roles in discovering and producing hundreds of millions of barrels of oil and over a trillion cubic feet of natural gas, amounting to tens of billions of dollars.

Johnson Well,
Crosby county, TX

Comprised of world-class geophysicists, geologists, and petroleum engineers, the team has developed essential tools, methodologies, and interpretation parameters for hydrocarbon detection.

Central to Hipterra's technology is the understanding of isotope relationships in the earth affected by hydrocarbon migration. The proprietary RMHD+ high-definition sensor system, designed by the Hipterra Team, is pivotal in this process.

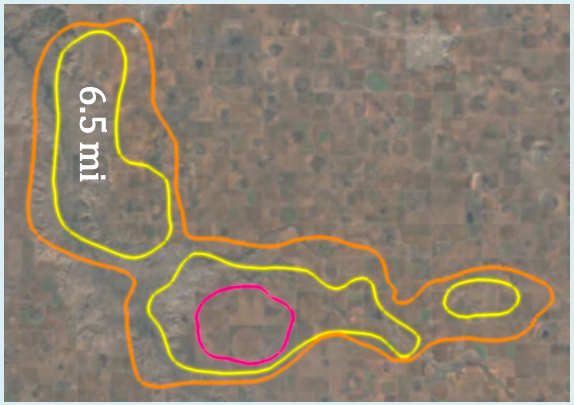
RMHD+, along with other proprietary tools, has identified over 25 successful oil and gas fields in the US and Canada. Fields developed using Hipterra's modeling have a near 100% success rate in accuracy. References and recommendations from satisfied third-party entities are available upon request.

Conclusion: Through Hipterra, executives and engineers can now make highly valuable decisions about fields and projects to acquire, divest, or develop. By redefining the hydrocarbon identification formula, Hipterra offers a complete 3D or 4D project map, a resource previously unavailable in the industry. This empowers operators to develop fields with greater confidence, higher production, and significantly reduced environmental impact.

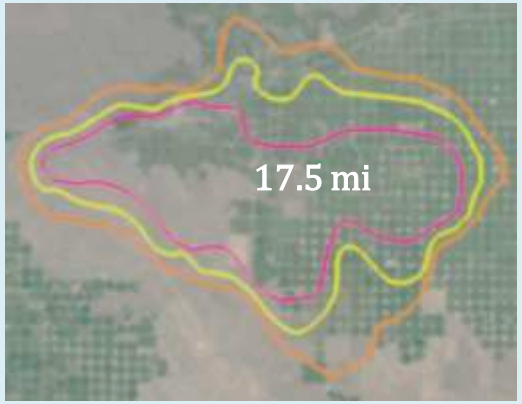
New Field Exploration (Conventional) maps by Hipterra – Total: $800 B recoverable oil

HIPTERRA

New Field Exploration (Conventional): $800 B recoverable oil

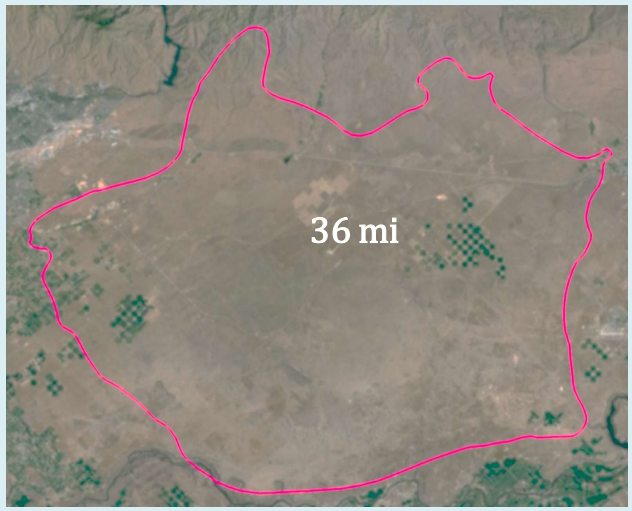


Oil > 400mm Barrels - Texas



Gas > 1 billion barrels equivalent - Idaho

Oil >2 billion Barrels Surface detection to outline - Utah



Gas/Condensate > 5 billion barrels equivalent - Idaho.

Oil > 400mm Barrels - Texas

Oil > 800mm Barrels - Utah

MAPPING OF SUBSURFACE HYDROCARBON ACCUMULATIONS: Hipterra has executed the mapping of many subsurface hydrocarbon accumulations using highly efficient and effective surface detection technology and methods to map subsurface hydrocarbon accumulations as shown above. This is the first step in the process towards selecting interesting fields and then executing a more detailed and thorough mapping that gives over 90% accuracy showing the depth, the volume and the viability of the reservoir or field.

Technological Innovations and Advantages

Hipterra's technology represents a significant upgrade over traditional methods in several key areas. Here's a breakdown:

1. Data Acquisition:

- **Traditional Methods: Often depend on 2D seismic surveys which provide limited information about subsurface structures. These require multiple passes and extensive data collection efforts.**
- **Hipterra's Technology: Utilizes 3D and even 4D seismic surveys, offering a dynamic and more comprehensive view of the subsurface. This allows for more detailed and accurate mapping in fewer passes.**

2. Data Processing:

- **Traditional Methods: Data processing is usually slower and less efficient, relying on outdated algorithms and limited computational power. This can result in blurred or less accurate images of subsurface features.**
- **Hipterra's Technology: Employs advanced machine learning algorithms and high-performance computing to process data rapidly and accurately. This enhances the clarity and resolution of subsurface images, providing a precise understanding of geology. While artificial intelligence encompasses the idea of a machine that can mimic human intelligence, machine learning does not. Machine learning aims to teach a machine how to perform a specific task and provide accurate results by identifying patterns.**

3. Predictive Modeling:

- **Traditional Methods: Often rely on static models and historical data to predict subsurface formations. These models can be outdated and less responsive to new information.**
- **Hipterra's Technology: Uses dynamic predictive modeling that incorporates real-time data and machine learning. This allows models to continuously improve and adapt, providing more reliable predictions for resource extraction.**

4. Integration of Multisource Data:

- **Traditional Methods: Typically focus on seismic data alone, which can limit the scope of analysis.**

Hipterra's Technology: Integrates various data sources such as geological, geophysical, and geochemical data into a single platform. This holistic approach creates a more complete picture of subsurface conditions.

5. Environmental Monitoring:

- **Traditional Methods: Environmental impact assessments are often conducted after significant data collection, leading to potential delays and higher costs.**
- **Hipterra's Technology: Real-time environmental monitoring integrates with subsurface data analysis to minimize ecological disruptions and ensure compliance with environmental regulations proactively.**

6. User Interface:

- **Traditional Methods: Data interpretation and visualization are less user-friendly, often requiring specialized skills to understand.**
- **Hipterra's Technology: Features an intuitive and interactive user interface that makes complex data accessible to a broader range of users, from geologists to decision-makers. Advanced visualizations like virtual reality (VR) subsurface tours are also possible.**

7. Time Efficiency:

- **Traditional Methods: Slower data acquisition and processing times can delay project timelines.**
- **Hipterra's Technology: Accelerates the entire workflow, from data acquisition to decision-making, significantly reducing project lead times.**

By integrating cutting-edge technology like machine learning, high-performance computing, and real-time data processing, Hipterra provides more accurate, efficient, and environmentally sensitive solutions compared to traditional methods.

Machine learning Benefits

Implementing machine learning (ML) in Hipterra's technology offers a myriad of benefits, including:

1. **Improved Accuracy and Precision:**
   ML algorithms can analyze large datasets to identify patterns and make predictions with a high degree of accuracy, leading to more reliable results.

2. **Automation and Efficiency:**
   Automating repetitive tasks through ML can save time and reduce human error, increasing overall operational efficiency.

3. **Enhanced Customer Experience:**
   Personalized recommendations and predictive maintenance can improve customer satisfaction by offering tailored solutions and proactive service.

4. **Data-Driven Decision Making:**
   ML models provide insights derived from data analysis, enabling better-informed business decisions and strategic planning.

5. **Scalability:**
   ML systems can easily scale up to handle increasing amounts of data as Hipterra grows, without requiring linear increases in human resources.

6. **Cost Reduction:**
   By optimizing processes and reducing the need for manual intervention, ML can lead to significant cost savings.

7. **Fraud Detection and Security:**
   Sophisticated ML models can detect anomalous behavior and potential fraud, enhancing the security of Hipterra's operations.

8. **Market and Trend Analysis:**
   ML can help in recognizing emerging trends, market demands, and competitive analysis, giving Hipterra a competitive edge.

9. **Predictive Maintenance:**
   Anticipating equipment failures before they occur can minimize downtime and maintenance costs, ensuring continued productivity.

10. **Customer Insights:**
    Understanding customer behaviors and preferences through ML can lead to more effective marketing strategies and higher engagement.

By leveraging these advantages, Hipterra can enhance its technological capabilities, drive innovation, and maintain a competitive edge in the market.

Innovation, Safety and Sustainability

Innovation

The innovation associated with Hipterra and its proprietary subsurface hydrocarbon mapping technology, offers the oil and gas industry a unique opportunity to use the latest and most effective technology owned by Hipterra to map the subsurface hydrocarbon accumulations with an enticing accuracy, speed and cost. The innovative use of frequencies given off by the isotopes in the ground as the hydrocarbons move subsurface makes Hipterra a critical company in the race towards increasing oil production leading from cost effective exploration that Hipterra offers.

Key Areas of Innovation:

1. Uses frequencies from the isotopes moving subsurface to facilitate the identification of the exact location of hydrocarbon deposits.:
2. Preliminary mapping can be done while driving around the area being mapped
3. Use of AI and machine learning to analyze the data.
4. The Hipterra hydrocarbon mapping Intelligent platform is a force to be reconned with.

Safety

Safety Action Plan for Subsurface Hydrocarbon Data Acquisition

1. Vehicle and Equipment Safety:

- Regular Maintenance: • Driver Training:
- Load Security: Secure all equipment properly

2. Personnel Safety:

- PPE (Personal Protective Equipment): Mandate use of PPE
- Health Checks: Conduct regular health and fitness checks for all personnel.
- First Aid Training: Ensure all team members are trained: basic first aid CPR.

3. Site Safety:

- Site Assessment: Perform thorough risk assessments of sites.
- Emergency Procedures: emergency evacuation routes and procedures.
- Hazard Identification: known hazards like unstable ground, toxic gases, etc.

4. Environmental Considerations:

- Spill Prevention: Prevent spills of any hazardous materials.
- Waste Management: Dispose of waste materials following all regulations.
- Wildlife Protection: Ensure no harm is done to local wildlife and habitats.

Safety Policy Statement

Hipterra is committed to ensuring the highest standard of safety for our employees, contractors, and the communities we serve. Our policy is to conduct operations in a manner that protects the environment, complies with regulatory requirements, and promotes the health and safety of our staff.

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Key Safety Procedures

1. Prior to Data Acquisition:

- Conduct thorough risk and site assessments.
- Ensure all personnel are briefed on safety protocols.
- Verify that all vehicles and equipment are in good working condition.

2. Data Acquisition:

- Execute data acquisition following a predefined, safe route.
- Maintain constant communication with the control center.
- Use appropriate PPE at all times.

3. Post Data Acquisition:

- Secure all equipment and samples • Review the event log for any incidents
- Conduct debriefing sessions to identify lessons learned and improve os.

Monitoring and Review

- Regular Audits. • Feedback Mechanism. • Continuous Improvement

By adhering to this action plan and policy, [Company's Name] aims to minimize risk and ensure the safety and well-being of its personnel, the public, and the environment.

Sustainability

The sustainability of an exploration services company globally is assured by maintaining accuracy, cost effectiveness and operational efficiency all which Hipterra practices and maintains. A serious approach to consistent R&D is also key to sustainability and that is why Hipterra has always taken it very seriously with great success.

Value and Breakthroughs

Value

Hipterra offers significant value to the oil and gas industry in several key areas:

Key Value Propositions:

1. Enhanced Exploration & Drilling: Data-Driven Insights:
Utilizes advanced analytics and AI to identify potential drilling sites more accurately. Reduced Risk: Minimizes the risk of dry wells by making more informed predictions.
2. Operational Efficiency: Automated Processes: Streamlines various operational activities, from data collection to analysis. Real-Time Monitoring: Uses IoT and real-time data to monitor equipment and site conditions, reducing downtime.
3. Cost Reduction: Optimized Resource Allocation: Better planning and resource allocation lead to significant cost savings. Preventative Maintenance: Predictive maintenance helps in identifying issues before they become costly problems.
4. **Environmental Compliance:** Sustainable Practices: Implements more environmentally friendly methods and monitors for compliance. Reduced Emissions: Uses efficient technologies to lower carbon footprints and meet regulatory requirements.
5. **Safety Improvements:** Safety Monitoring: Real-time data helps monitor safety conditions, reducing the likelihood of accidents. Predictive Analytics: Predicts potential safety hazards before they occur, improving overall worksite safety.
6. **Scalability and Flexibility:** Scalable Solutions: Easily scalable solutions to meet the growing and changing demands of the industry. Customizable: Flexibility to tailor solutions based on specific operational needs and conditions. ++++

Breakthroughs

Hipterra has introduced several breakthroughs to the oil and gas industry, pushing technological and operational boundaries. Here are some of the key innovations:

Breakthroughs:

1. **Advanced AI and Machine Learning:**
   - Predictive Analytics: Uses AI to predict equipment failures and optimize maintenance schedules, reducing downtime and operational costs.
   - Enhanced Reservoir Modeling: Utilizes machine learning algorithms to improve reservoir characterization, leading to more efficient extraction processes.
2. **IoT Integration:**
   - Real-Time Monitoring: Deploys IoT devices to monitor equipment and site conditions in real-time, enhancing operational efficiency and safety.
   - Smart Wells: Incorporates smart technology into wells for better data collection and remote management.
3. **Big Data Analytics:**
   - Comprehensive Data Analysis: Processes vast amounts of data to provide actionable insights, from exploration to production.
   - Optimized Drilling: Analyzes drilling data to increase the precision and efficiency of drilling operations.

4. **Robotic Process Automation (RPA):**
   - Automated Operations: Uses RPA to automate routine tasks, freeing up human resources for more complex activities.
   - Improved Data Management: Streamlines data management processes, ensuring better data accuracy and easier access.

5. **Sustainable Technologies:**
   - Emission Control: Develops technologies to capture and reduce emissions, helping companies meet regulatory requirements.
   - Water Management: Introduces innovative water treatment and recycling solutions to manage water resources more sustainably.
6. **Enhanced Safety Measures:**
   - AI-Driven Safety Protocols: Implements AI-driven safety protocols to predict and prevent accidents.
   - Wearable Tech: Utilizes wearable technology for real-time health and safety monitoring of onsite personnel.
7. **Digital Twin Technology:**
   - Virtual Simulations: Creates digital twins of physical assets to simulate and analyze performance, leading to better decision-making.
   - Lifecycle Management: Uses digital twins for end-to-end asset lifecycle management, optimizing performance and maintenance.

8. **Blockchain for Supply Chain Management:**
   - Transparent Transactions: Implements blockchain technology to ensure transparency and traceability in the supply chain.
   - Secure Data Exchange: Enhances data security and integrity, reducing the risk of fraud and errors.

These breakthroughs collectively enhance the efficiency, safety, and sustainability of oil and gas operations, positioning Hipterra as a leader in industry innovation. Would you like more details on any specific breakthrough? +++

Machinery & Equipment _ 1 of 2

Machinery & Equipment

Field Team 1 – Premier Field Team

Equipment Costs	Description
128 Cu.In. RM Sensor	Radiometric hydrocarbon data collection system
Methane Laser Gas Sensor	UAV Sensor for detection of vertically migrating hydrocarbons
Large UAV	UAV capable of a 67lb payload. Will carry scintillator and geo-chem sensor
Medium UAV	UAV capable of a 15lb payload. Will carry geo-chem, camera, and LiDAR.
Medium UAV	UAV capable of a 15lb payload. Will carry Flir and Hyperspectral
Mini PC - Drone Ops.	Computers that run and manage data and GPS on the UAV
Imaging Camera	Photogrammetry camera, Memory, etc.
LiDAR System	LiDAR sensor for mapping in wooded areas.
Hyperspectral Camera	Camera, lens, processor, accessories
Flir Camera	FLIR Vue TZ20 Dual Thermal Camera
Magnetometer (Sensor)	AeroMag Sensor for deep earth detection
R&D Equipment	R&D - New Technology Fund
Power Equipment	Generator, Deep-cell batteries, hardware, etc.
Computer processing	Command and process center for field data
32' Toy Hauler Trailer	Field Trailer for hauling all UAV and power equipment to sites. (Live aboard)
1 Ton Truck	Field Vehicle - Towing - Diesel
Trailer Equip	Shovels, tools, gas cans, chairs, tarps, portable toilet, etc.
Travel cases	Pelican and other cases for equipment transportation
Repairs, Maint.	Maintenance and Repair costs
Starlink, cell booster	Starlink equip and monthly expenses for 1 year, signal boosters.
Contingency	20% Unforseen expenses. Contingency funds.

Field Team 2 – Reservoir Development and Orphan

Equipment Costs	Description
128 Cu.In. Scintillator	Radiometric hydrocarbon data collection system
Methane Laser Gas Sensor	UAV Sensor for detection of vertically migrating hydrocarbons
Large UAV	UAV capable of a 67lb payload. Will carry scintillator and geo-chem sensor
Medium UAV	UAV capable of a 15lb payload. Will carry geo-chem, camera, and LiDAR.
Mini PC - Drone Ops.	Computers that run and manage data and GPS on the UAV
Imaging Camera	Photogrammetry camera, Memory, etc.
Magnetometer (Sensor)	AeroMag Sensor for shallow-earth detection
Wave Tech Sensor	Passive Electromagnetic depth tool for hydrocarbons
Power Equipment	Generator, Deep-cell batteries, hardware, etc.
7X14'Enclosed Trailer with A/C	Field Trailer for hauling all UAV and power equipment to sites.
3/4 Ton Truck	Field Vehicle - Towing
Trailer Equip	Shovels, tools, gas cans, chairs, tarps, portable toilet, etc.
Repairs, Maint.	Maintenance and Repair costs
Starlink, cell booster	Starlink equip and monthly expenses for 1 year, signal boosters.
Travel cases	Pelican and other cases for equipment transportation
Contingency	20% Unforseen expenses. Contingency funds.

Field Team 3 – Exploration - Macro Scanning

Equipment Costs	Description
128 Cu.In. Scintillator	Radiometric hydrocarbon data collection system
Methane Laser Gas Sensor	UAV Sensor for detection of vertically migrating hydrocarbons
Large UAV	UAV capable of a 67lb payload. Will carry scintillator and geo-chem sensor
Medium UAV	UAV capable of a 15lb payload. Will carry geo-chem, camera, and LiDAR.
VTOL Drone	Fixed Wing Drone for long distance macro scanning.
Mini PC - Drone Ops.	Computers that run and manage data and GPS on the UAV
Imaging Camera	Photogrammetry camera, Memory, etc.
Magnetometer (Sensor)	AeroMag Sensor for shallow-earth detection
Wave Tech Sensor	Passive Electromagnetic depth tool for hydrocarbons
Power Equipment	Generator, Deep-cell batteries, hardware, etc.
7X20'Enclosed Trailer with A/C	Field Trailer for hauling all UAV and power equipment to sites.
1 Ton Truck	Field Vehicle - Towing
Trailer Equip	Shovels, tools, gas cans, chairs, tarps, portable toilet, etc.
Repairs, Maint.	Maintenance and Repair costs
Starlink, cell booster	Starlink equip and monthly expenses for 1 year, signal boosters.
Contingency	10% Unforseen expenses. Contingency funds.

Machinery & Equipment

Field Team 4 – International

Equipment Costs	Description
128 Cu.In. Scintillator	Radiometric hydrocarbon data collection system
Methane Laser Gas Sensor	UAV Sensor for detection of vertically migrating hydrocarbons
Large UAV	UAV capable of a 67lb payload. Will carry scintillator and geo-chem sensor
Medium UAV	UAV capable of a 15lb payload. Will carry geo-chem, camera, and LiDAR.
Medium UAV	UAV capable of a 15lb payload. Will carry Flir and Hyperspectral
Mini PC - Drone Ops.	Computers that run and manage data and GPS on the UAV
Imaging Camera	Photogrammetry camera, Memory, etc.
LiDAR System	LiDAR sensor for mapping in wooded areas.
Hyperspectral Camera	Camera, lens, processor, accessories
Flir Camera	FLIR Vue TZ20 Dual Thermal Camera
Magnetometer (Sensor)	AeroMag Sensor for shallow-earth detection
Wave Tech Sensor	Passive Electromagnetic depth tool for hydrocarbons
Power Equipment	Generator, Deep-cell batteries, hardware, etc.
Computer processing	Command and process center for field data
8' x 8' x 20' Container	Seaworthy, sealed container for shipping equipment International
Trailer Equip	Shovels, tools, chairs, tarps, waterproofing, folding desk, etc.
Repairs, Maint.	Maintenance and Repair costs (International - Extra)
Accessories	Trimble GPS, Shipment tracking, Pelican boxes
Starlink, cell booster	Starlink equip and monthly expenses for 1 year, signal boosters.
Contingency	20% Unforseen expenses. Contingency funds.

Development Costs

Development Costs	
Software and data subscriptions	ArcGIS, AutoCAD, Rystad Energy, Etc. Subsurface Library
Dev Group	Programmers for Hipterra V2.1 - 500 hours
Dev Group	Building operating software for the sensors on the UAV
ML/AI	Machine Learning and Artificial Intelligence for data prediction
Server Equip	Equipment for processing and storing data
Contingency	10% Unforseen expenses. Contingency funds.

Administrative Costs

Administrative Costs	
Legal	Contracts, operations, intellectual property, JV, Etc.
Govt. Relations	Lobbyist, Consulting, Strategy, etc.
Accounting	Payroll, Taxes, Bookkeeping
Plotter Printer	44" wide plotter full color printer
T&E	Travel and Entertainment - Client Relations
Contingency	20% Unforeseen expenses. Contingency funds.

MARKETING & COMPETITION

Services Offered by Hipterra

Hipterra stands at the forefront of subsurface hydrocarbon exploration and development, leveraging advanced technologies and unmatched expertise to provide comprehensive solutions to the energy sector. Our spectrum of services is meticulously designed to meet the diverse needs of our clients, from major oil companies to independent operators.

1. 3D and 4D Geospatial Mapping

- Hipterra utilizes state-of-the-art geospatial technologies to create highly detailed 3D and 4D maps of subsurface hydrocarbon accumulations. These maps serve as critical tools for exploration and reservoir management.

Benefits:

- Enhanced accuracy in identifying hydrocarbon reserves.
- Detailed visualization aids in understanding reservoir dynamics over time.
- improved decision-making for drilling and production strategies.

Applications:

- Site selection for exploratory drilling.
- Monitoring reservoir changes and movement of hydrocarbons over time.
- Optimizing the layout and design of production infrastructure.

2. Existing Reservoir Development

- Developing existing hydrocarbon reservoirs to maximize production and extend their lifespan is a cornerstone of Hipterra's services. We conduct thorough assessments and employ advanced techniques to boost recovery rates.

Benefits:

Increased production efficiency and reduced operational costs.
Prolonged reservoir life and enhanced return on investment.
Minimized environmental impact through optimized extraction processes.

Applications:

- Implementation of enhanced oil recovery (EOR) techniques.
- Reservoir simulation and modeling for strategic planning.
- Integration of advanced drilling technologies.

3. Exploration Services

- Hipterra offers end-to-end exploration services that encompass initial data collection, analysis, and interpretation to pinpoint prospective hydrocarbon locations. Our exploration strategies are tailored to meet the specific geological and geophysical characteristics of each site.

Benefits:

- Comprehensive risk assessment and management.

Cost-effective exploration through targeted drilling.
Accelerated time to discovery and production.

Applications:

- Seismic data acquisition and processing.
- Geological and geophysical surveys.

4. Oil and Gas Field Mapping

- Drill site selection and exploratory well drilling.

Our expertise extends to the comprehensive mapping of oil and gas fields, providing invaluable insights into field development and management. These maps serve as foundational documents for planning and operational purposes.

Benefits:

- Detailed field delineation and resource estimation.
- Enhanced understanding of geological structures.
- Facilitated regulatory compliance and reporting.

Applications:

- Development planning and infrastructure design.
- Production forecasting and optimization.
- Environmental impact assessment and management.

5. Hydrocarbon Location and Quantity Identification

- Identifying the precise location and quantifying subsurface hydrocarbons are critical for successful exploration and production activities. Hipterra employs advanced analytical tools and methodologies to deliver accurate assessments of hydrocarbon volumes.

Benefits:

- Precision in resource estimation. & Reduced exploration risk.
- Informed investment decisions.

Applications:

- Volume calculation and resource classification.
- Economic feasibility studies & Strategic planning for field development.

Conclusion

Hipterra's comprehensive suite of services is designed to address the multifaceted challenges of hydrocarbon exploration and production. By integrating cutting-edge technology with deep industry expertise, we provide our clients with the tools and insights necessary to achieve operational excellence and sustainable growth. As the energy landscape continues to evolve, Hipterra remains committed to delivering innovative solutions that drive success in the oil and gas sector.

Attributes of Hipterra

Hipterra, has the requisite technology, knowledge, and experience to execute and provide the 3D AND 4D Geospatial Subsurface Hydrocarbon mapping and exploration services.

H

Highly Trained Geologists and engineers

- Hipterra has highly experienced engineers with the requisite skills and knowledge to execute the mapping services
- The geologists and engineers continue to develop the mapping technology and conduct research on better ways of executing the service

Service Capability in USA and Internationally

- Hipterra will provide, support and deliver mapping technical services The comprehensive compliment of scientists, geologists, and engineers in Hipterra across the USA shortens the learning curve, minimizes errors and reduces risk

Management Experience

- The combined, extensive, seasoned and international managerial experience of the executives and management in Hipterra will provide a comprehensive and encompassing managerial structure that is fitting for this large project.
- The combined managerial team has a wide range of cross-sector and cross-seasoned industry experience

Impeccable Track Record

- Hipterra has over 2 years of commercial experience in hydrocarbon mapping, consistently meeting the highest standards.
- Over the years, Hipterra has served the USA markets including Idaho, Texas, and Utah.
- Hipterra is in advanced discussions with several oil production companies to execute hydrocarbon mapping

Value for money

Hipterra's advanced seismic mapping and subsurface analysis could lead to substantial cost savings across various aspects of exploration and production.

Launching Hipterra into the US oil and gas industry requires strategic planning to ensure a successful entry. This is Hipterra's cost-effective sales strategy and policies that will be applied:

Sales Strategy

1. Market Research & Segmentation:

- Study the US oil and gas industry, focusing on current trends, challenges, and key players.
- Segment the market based on company size, geographic location, and specific needs (e.g., efficiency, sustainability).

2. Build a Strong Value Proposition:

- Highlight Hipterra's unique benefits, such as cost savings, technological advancements, and ease of integration with existing systems.

3. Leverage Existing Networks:

- Utilize any existing connections with industry experts, trade associations, and business networks to gain warm introductions.

4. Target Key Decision-Makers:

- Identify and approach key executives, such as operations managers, procurement heads, and CTOs. Personalize your pitch to address their specific pain points.

5. Content Marketing:

- Develop high-quality content like white papers, case studies, and blog posts demonstrating Hipterra's expertise and success stories in the industry.
- Use SEO strategies to ensure the content reaches potential clients during their research phase.

6. Partnerships and Alliances:

- Partner with established companies in the industry for co-branded marketing campaigns or bundled service offerings.

7. Sales Team Training:

- Train your sales team on industry-specific jargon, trends, and the unique needs of oil and gas companies to ensure knowledgeable conversations.

8. Competitive Pricing:

- Implement a pricing strategy that offers tiered solutions to accommodate various budget levels, including customized packages based on client needs and scale.

9. Attend Industry Events:

- Participate in trade shows, conferences, and networking events to gain visibility and direct access to potential clients.

10. Trial Offers and Demonstrations:

- Offer free trials or demos to demonstrate the efficacy and ROI of Hipterra's solutions, encouraging companies to try before they buy.

Sales Policies

1. Clear Contracts:

- Ensure contracts are clear and outline service levels, deliverables, and payment terms. Include clauses for confidentiality and protection of intellectual property.

2. Satisfaction Guarantees:

- Introduce satisfaction guarantees or performance benchmarks to build trust and reduce perceived risk for new customers.

3. Flexible Payment Terms:

- Offer flexible payment options, such as installment plans or discounts for early payments, to accommodate the varied financial cycles of oil and gas companies.

4. Customer Support:

- Provide dedicated account managers and robust customer support to ensure quick resolution of any issues and maintain customer satisfaction.

5. Feedback Loop:

- Establish a process for collecting and incorporating client feedback to continuously improve Hipterra's offerings and customer experience.

6. Referral Incentives:

- Create a referral program to incentivize existing clients to recommend Hipterra to other companies in the industry.

Conclusion

Combining these strategies and policies will position Hipterra as a valuable and customer-centric solution in the US oil and gas industry, facilitating a successful and cost-effective market entry.

Creating Marketing Content for Hipterra

To create effective marketing content, Hipterra shall consider the target audience, goals, and medium. Here are some specific content ideas:

1. Social Media Posts:
- **Engaging visuals: Posts with eye-catching images or videos.**
- **Short updates: Brief, catchy text updates with hashtags.**
- **Stories: Behind-the-scenes content on Instagram or Facebook stories.**

2. Blog Posts:
- **How-to guides: Step-by-step tutorials related to your product/service.**
- **Industry news: Share insights on trends in your field.**
- **Customer stories: Highlight testimonials or case studies.**

3. Email Newsletters:
- **Promotional offers: Limited-time discounts or special offers.**
- **Updates: News or announcements about your brand.**
- **Educational content: Tips and advice related to your industry.**

4. Infographics:
- **Data visualization: Present statistics in a visually appealing way.**
- **Step-by-step guides: Visual tutorials.**

5. Videos:
- **Product demos: Show how your product works.**
- **Customer testimonials: Real customers sharing their experiences.**
- **Behind the scenes: Give a glimpse into your company culture or production process.**

6. Webinars:
- **Expert talks: Invite industry experts to speak on relevant topics.**
- **Interactive Q&A: Engage with your audience directly.**

7. E-books/Whitepapers:
- **In-depth guides: Provide comprehensive information on a topic relevant to your audience.**

8. Podcasts:
- **Interviews: Feature discussions with industry leaders.**
- **Narrative stories: Share stories related to your brand or industry.**

Which type of content piques your interest the most?

Sales and Marketing Plan

Concise marketing and sales plan for Hipterra, a subsurface hydrocarbon 3D and 4D geospatial mapping services company offers including exploration solutions, reservoir development, mapping, consulting, and support services.

Marketing Plan

1. Target Audience

- Primary: Oil and gas companies, exploration and production firms, geophysical service companies.
- Secondary: Government agencies, environmental consultancies, academic institutions.

2. Unique Selling Proposition (USP)

- State-of-the-art 3D and 4D geospatial mapping.
- Comprehensive exploration and reservoir development solutions.
- Specialized consulting and support services.

3. Brand Positioning

- Position the company as a leader in innovative geospatial mapping and tailored exploration solutions.
- Emphasize reliability, accuracy, and customizability of services.

4. Marketing Channels

- Digital Marketing: SEO, content marketing, social media (LinkedIn, Twitter), and email marketing.
- Traditional Marketing: Industry journals, trade shows, and conferences.
- Partnerships: Collaborate with technology providers and academic institutions to enhance service offerings.

5. Content Strategy

- Blogs and Articles: Publish case studies, white papers, and articles on geospatial technology, exploration techniques, and industry trends.
- Webinars and Workshops: Conduct online events focusing on the benefits and applications of 3D and 4D mapping in hydrocarbon exploration.
- Social Media: Share project insights, client testimonials, and industry news.

6. Public Relations

- Submit press releases for major company milestones, new projects, and technological advancements.
- Engage with industry influencers and media to feature in relevant publications and podcasts.

Sales Plan

1. Sales Goals

- Achieve a 20% increase in client base within the first year.
- Expand market presence to three new regions within the next six months.
- Attain a client satisfaction rate of over 90%.

2. Sales Strategy

- Lead Generation: Utilize digital marketing campaigns, networking at industry events, and referrals to generate leads.
- Sales Funnel: Implement a CRM system to track and nurture leads through the sales funnel.
- Client Engagement: Offer personalized demos, consultations, and trials to showcase service value.

3. Sales Tactics

- Direct Selling: Assign dedicated sales representatives to build relationships and offer tailored solutions to potential clients.
- Partnership Programs: Develop strategic alliances with complementary service providers to offer bundled solutions.
- Account Management: Establish account managers for key clients to ensure ongoing satisfaction and identify upselling opportunities.

4. Sales Support

- Training: Provide comprehensive training for the sales team on service features, benefits, and industry trends.
- Marketing Collateral: Develop brochures, case studies, and presentations to support the sales pitch.
- Customer Support: Offer 24/7 support and a robust FAQ section to assist clients during and after the sales process.

5. Performance Monitoring

- Track KPIs including lead conversion rates, client retention rates, and revenue growth.
- Regularly review and adjust the marketing and sales strategies based on performance data.

By implementing this comprehensive marketing and sales plan, the company can effectively reach its target audience, showcase its unique offerings, and ultimately drive business growth in the highly competitive hydrocarbon exploration industry.

The Competition: *Leading Companies Competing in the Subsurface Hydrocarbon Deposit Mapping and Modelling Sector*

Leading Companies in the mapping industry

None of the following companies rival Hipterra, as Hipterra delivers a more sophisticated and accurate solution than traditional seismic survey firms. Recognized for their outdated seismic mapping technologies and industry experience, these companies provide subsurface mapping crucial for hydrocarbon exploration and production. However, they offer lower accuracy at a much higher cost compared to Hipterra, whose advanced services lead to significant cost savings and increased speed for clients, thus making Hipterra the more viable and attractive option.

1. Schlumberger Limited

- Description: One of the largest oilfield services companies globally, offering comprehensive subsurface mapping and geophysical services.
- Key Services: Seismic data acquisition, processing, interpretation, 3D/4D reservoir simulation.

2. Halliburton Company

- Description: A prominent provider of products and services to the energy industry, including advanced subsurface mapping.
- Key Services: Geological and geophysical software, seismic data interpretation, reservoir characterization.

3. **Baker Hughes**

- Description: A full-suite oilfield services company providing technology and expertise in subsurface mapping.
- Key Services: Seismic acquisition, data processing, integrated subsurface solutions.

4. **CGG (Compagnie Générale de Géophysique)**

- Description: A global leader in geoscience and geophysical services with a focus on subsurface mapping.
- Key Services: Seismic acquisition, multi-physics imaging, geoscience consultancy.

5. **TGS**

- Description: Specializes in providing geoscience data and intelligence for subsurface mapping and exploration.
- Key Services: Multi-client seismic surveys, well data, geophysical data analysis.

6. **PGS (Petroleum Geo-Services)**

- Description: Known for its extensive marine geophysical services that aid in subsurface hydrocarbon exploration.
- Key Services: Seismic data acquisition, imaging, and reservoir services.

7. **Western Eco (Part of Schlumberger)**

- Description: A leading provider of geophysical services and technologies.
- Key Services: Advanced seismic data acquisition, processing, and interpretation solutions.

8. **Fugro**

- Description: Offers geoscience expertise for subsurface mapping and oil and gas exploration.
- Key Services: Geophysical surveys, seabed mapping, data analysis.

9. **Fairfield Geotechnologies**

- Description: Specializes in geophysical data acquisition and processing services for the oil and gas industry.
- Key Services: Land and marine seismic acquisition, data processing.

10. **Geokinetics**

- Description: Focuses on providing integrated geophysical solutions, especially for challenging environments.
- Key Services: Comprehensive seismic services, geophysical data interpretation.

Hipterra – A leader in the industry

Hipterra's technology presents a modern alternative to traditional hydrocarbon exploration methods by leveraging advancements in AI, data analysis, and non-invasive techniques. Here's how it compares:

Traditional Hydrocarbon Exploration Methods:

1. Seismic Surveys:

- Uses shock waves to map underground structures.
- Requires substantial infrastructure and can be costly.
- May have environmental impacts due to the use of explosives or heavy equipment.

2. Drilling:

- Direct method, involves drilling boreholes to extract samples.
- Expensive and time-consuming.
- High environmental risk, including potential spills and disruption to ecosystems.

3. Magnetic and Gravity Surveys:

- Measures variations in Earth's magnetic field or gravity to detect subsurface structures.
- Non-invasive but often less precise.
- Primarily used in conjunction with other methods.

4. Geological Mapping:

- Uses surface observations and rock samples.
- Relative low cost but labor-intensive.
- Depends highly on the expertise of geologists.

Hipterra's Technology:

1. AI and Machine Learning:

- Analyzes vast amounts of geological data for patterns that indicate hydrocarbon presence.
- Reduces human error and increases predictive accuracy.
- Continuously improves as more data is processed.

2. Remote Sensing:

- Utilizes satellite imagery and aerial data.
- Non-invasive and covers large areas quickly.
- Enhances preliminary exploration efficiency.

3. Advanced Data Analytics:

- Integrates multiple data sources (seismic, magnetic, gravity, geological).
- Provides more comprehensive subsurface models.
- Allows for better decision-making and risk assessment.

Key Comparisons:

1. Efficiency and Cost:

- Traditional: High operational costs and time.
- Hipterra: Reduces costs through AI and data sharing, quicker results.

2. Environmental Impact:

- Traditional: Potentially high due to drilling and seismic activities.
- Hipterra: Significantly lower as it relies on non-invasive technologies.

3. Accuracy:

- Traditional: Varies; often requires multiple methods for confirmation.
- Hipterra: Enhanced through AI-based pattern recognition and integrated data analysis.

4. Adaptability:

- Traditional: Often rigid, less adaptive to new data.
- Hipterra: Highly adaptable, continuously learning and improving.

Overall, Hipterra's technology aims to revolutionize hydrocarbon exploration by being more cost-effective, environmentally friendly, and accurate compared to traditional methods. The integration of AI and advanced analytics brings a new level of sophistication to the field, promising faster and more informed exploration decisions.

Competing Product, Price, Performance Analysis


THE MARKET

Market Opportunities for Hipterra

Market Opportunities for Hipterra

1. Enhanced Exploration and Production (E&P):

- **Precision Mapping:** Provide high-resolution 3D and 4D mapping to improve the accuracy of locating hydrocarbon deposits, reducing dry hole drilling.
- **Reservoir Management:** Aid in optimizing the production and management of existing reservoirs through continuous monitoring and advanced modeling techniques.

2. Unconventional Resource Development:

- **Shale Gas and Tight Oil:** Assist companies in identifying sweet spots in shale plays, leading to more efficient hydraulic fracturing operations.
- **Enhanced Oil Recovery (EOR):** Support EOR operations by delivering detailed subsurface maps that indicate potential areas for secondary and tertiary recovery methods.

3. Environmental and Regulatory Compliance:

- **Risk Mitigation: Help** firms identify and mitigate environmental risks associated with drilling and production, ensuring compliance with stringent regulations.
- **Sustainable Practices:** Foster sustainable practices by accurately mapping and monitoring subsurface activities, thus minimizing environmental footprints.

4. Technology Integration and Digitalization:

- **Big Data and AI:** Integrate advanced data analytics and machine learning to provide predictive insights and real-time decision-making capabilities.
- **Digital Twin:** Develop digital twins of subsurface assets, offering virtual models for simulation, planning, and operational efficiencies.

5. Partnerships with Technology Providers:

- **Collaborations:** Collaborate with software and hardware providers to enhance data collection, processing, and visualization techniques.
- **Software Integration:** Integrate mapping technologies with existing E&P software solutions for seamless workflows.

6. Cost Efficiency and Operational Optimization:

- **Reduced Exploration Costs:** Lower exploration costs by narrowing down search areas and ensuring better-targeted drilling operations.
- **Operational Efficiency:** Optimize drilling and production processes through precise subsurface mapping, reducing non-productive time (NPT).

7. Market Expansion and Diversification:

- **Geothermal Energy:** Expand into geothermal energy by providing mapping services that identify viable geothermal reservoirs.
- **Carbon Capture and Storage (CCS):** Offer mapping solutions for CCS projects, helping identify and monitor storage sites for carbon dioxide.

Conclusion

Hipterra's comprehensive subsurface hydrocarbon mapping services have vast market opportunities in the USA oil and gas industry. By leveraging advanced 3D and 4D geospatial technologies, Hipterra can play a crucial role in enhancing exploration accuracy, optimizing production, ensuring regulatory compliance, and driving operational efficiencies. Additionally, diversifying into renewable energy and carbon capture sectors can further unlock new markets and growth avenues.

Market and Industry Overview (1 of 2)

Market Size & Growth

- **Global Demand:** The global oil and gas industry has seen fluctuating demand influenced by economic cycles, technological advances, and geopolitical factors. As of 2023, global oil demand is expected to grow by approximately 1.4 million barrels per day (bpd) according to the International Energy Agency (IEA).
- **Market Value:** The market size for the oil and gas sector was valued at around $3.3 trillion in 2022 and is projected to grow annually at a rate of 3-4% over the next 5 years.

OPEC Predictions

- **Supply Projections:** The Organization of the Petroleum Exporting Countries (OPEC) forecasts a rising demand for oil through 2030, predicting a moderate increase in global supply to match this demand. OPEC's World Oil Outlook 2022 anticipates that total oil demand will increase from 96.9 million bpd in 2021 to approximately 109.8 million bpd by 2045.
- **Price Stability:** OPEC aims to stabilize oil prices through production adjustments, which are expected to keep prices relatively stable around $70-$75 per barrel.

Major International Oil Companies' Predictions

- **ExxonMobil:** Exxon's Energy Outlook 2022 predicts a growing demand for energy with a shift towards more sustainable solutions. They project that by 2040, oil and gas will still account for nearly 50% of the global energy mix, but with a gradual increase in natural gas demand due to its lower carbon footprint compared to oil.
- **BP: BP's Energy Outlook 2022 scenarios reflect significant** transitions within the industry. In their Rapid Transition scenario, they predict a significant decline in oil demand by 2050, but in their Business-as-Usual scenario, the demand remains robust with minor declines starting in the 2040s.

Chevron: Chevron forecast steady growth in oil and gas production, particularly in unconventional oil and gas extraction methods. They anticipate that shale oil and gas will become more dominant in the coming decade, particularly within North America.

Technological Advancements

- **Geo-spatial Mapping:** Advances in geo-spatial mapping technologies, including 3D seismic imaging and AI-driven data analysis, have significantly enhanced exploration accuracy and reduced risks associated with drilling.
- **Digital Transformation:** The adoption of Internet of Things (IoT), artificial intelligence (AI), and cloud computing is transforming operational efficiencies and decision-making processes within the oil and gas sector.

Regulatory Environment

- **Environmental Regulations:** Stricter environmental regulations are influencing the industry towards cleaner and more sustainable practices. Companies are investing in carbon capture and storage (CCS) technologies, and renewable energy sources as part of their portfolio diversification.

Market Drivers

- **Economic Growth:** Growing economies, particularly in Asia-Pacific, are driving global energy demand.
- **Technological Innovation:** Innovation in extraction and exploration technologies is reducing costs and improving recovery rates.
- **Energy Transition:** A shift towards more sustainable energy sources is prompting oil and gas companies to diversify and innovate.

Market and Industry Overview (2 of 2)

Global Consumption: The global consumption isn't expected to drop between now and 2050. That means we will consume 950 billion barrels between now and 2050 at current consumption levels. (Most analysis shows consumption going up between now and 2050.)

High demand for Hydrocarbons: industry overview supports Hipterra's business and business strategy given the high demand and the current hydrocarbon shortfalls the world is facing now and will face for several years to come. Demand outstrips supply at present and Hipterra is poised to help to reduce the gap by providing highly cost effective, accurate and fast solutions to the industry's need to find the hydrocarbons quickly and accurately, thereby reducing costs and making the industry more viable and vibrant.

Growth in demand Expected: Despite calls for oil demand to fall 75% to 24 million barrels per day by 2050 to limit the rise in temperature to 1.5 degrees Celsius above pre-industrial norms the oil demand will remain above 100 million barrels per day through 2050, driven by growth in industrial fields such as plastics manufacturing and heavy transportation. Ref. Exxon, Annual Global Outlook report. The US oil giant's forecasts are roughly in line with other recent projections from other players in the oil market. A decline in demand is not forecasted for the future even beyond 2050 even with the demands of the Paris climate agreement.

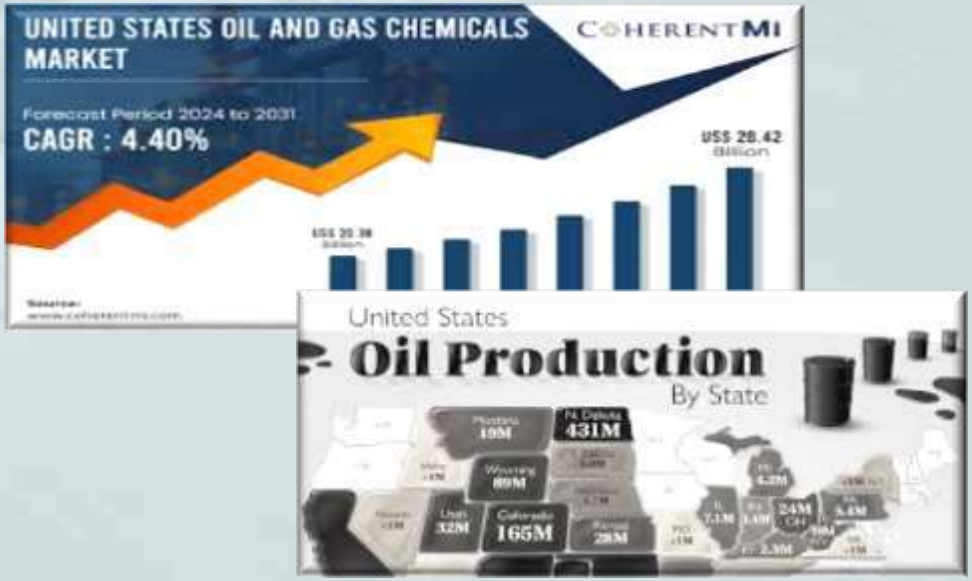
New Investments in Fossil Fuels is critical for World economy: OPEC predicts consumption of 116 million barrels per day by 2045, while pipeline giant Enbridge sees demand peaking at 110 million barrels per day. According to Chris Birdsall, demand is so high that failing to invest in new fossil fuel projects would be "catastrophic".

New investments, New Exploration Highly Recommended: Without new investment, Exxon sees oil supply falling 70% to 30 million barrels per day by 2030, sending crude oil prices soaring and decimating the global economy.

Projections of growth over the next 25 years is realistic: Exxon's forecast is likely to anger environmentalists and politicians, but Birdsall says the Global Outlook report is a "realistic" projection based on actual data and forecasts.

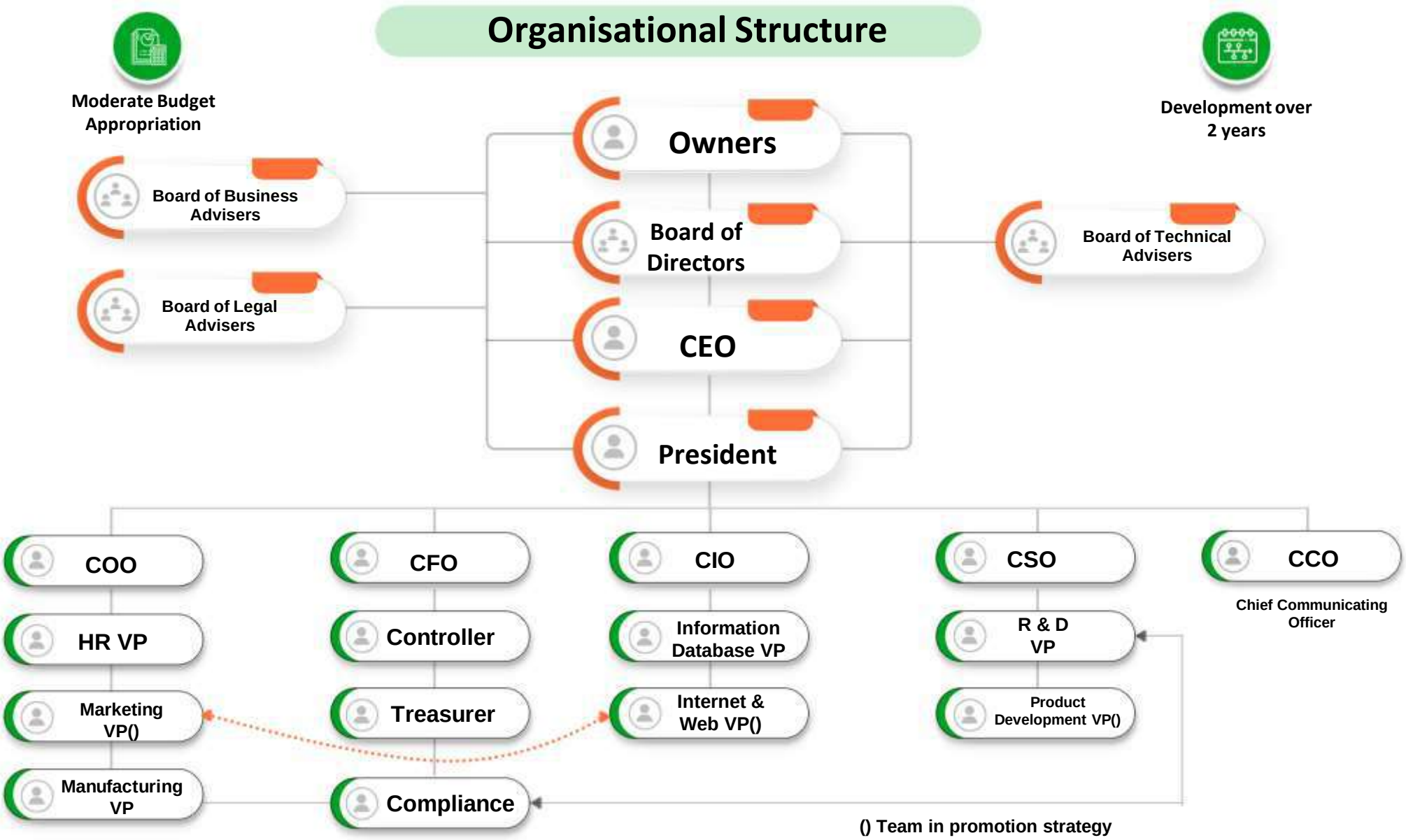
Exploration Is a Major Focus and Budget Item for Next Thirty Years: All the forecast and opinions above point to the fact that exploration will certainly be a major focus and budget item over the next thirty years and beyond. The fact, most accurate and most cost-effective survey and mapping service providers will win the day and Hipterra is certainly lined up to take the lead amongst the modern companies with proprietary cutting-edge technology.
Ref: Energy Watch:

https://energywatch.com/EnergyNews/Oil___Gas/article17387104.ece
https://www.investopedia.com/terms/o/oil-reserves.asp



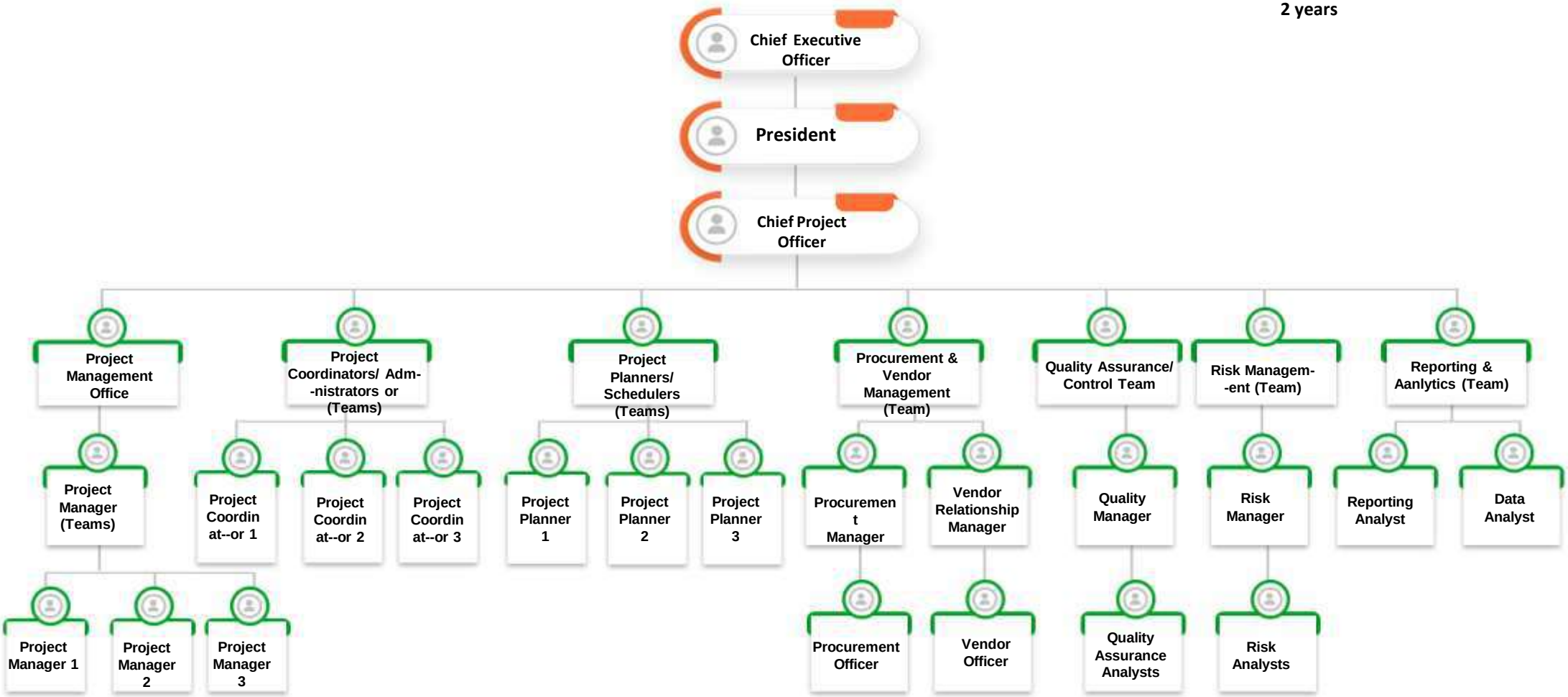
APPENDICES

Organisational Structure



Projects Organizational Chart

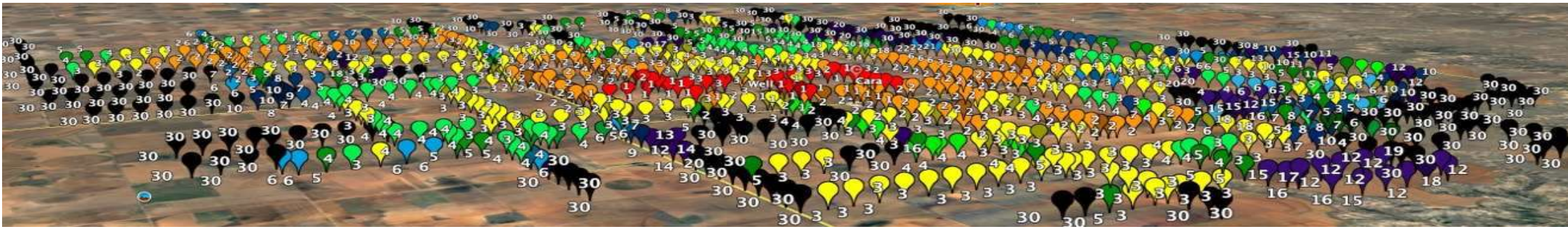
Development over 2 years



HIPTERRA

SUBSURFACE HYDROCARBON MAPPING, EXPLORATION AND PRODUCTION

HYDROCARBON INTELLIGENCE PLATFORM



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