

*How can early investors obtain liquidity, particularly if the next development stage never materializes or fails to attract later capital?*

*Why is it incorrect to assume that partial liquidity and cashflow must originate from the very asset that is still being developed?*

*Why are exploration and production treated as separate financial regimes when commodity systems already generate cashflow through physical flows, logistics, and trading?*

*How could a unified exploration and production platform, governed by data and probability, allow institutions to enter earlier and be compensated for bearing uncertainty?*

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*And what role can data, analytics, AI and machine learning play in systematically reducing that uncertainty so capital can be deployed earlier and priced more accurately?*

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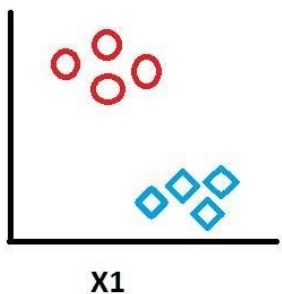
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# LP/INVESTOR PROBLEM

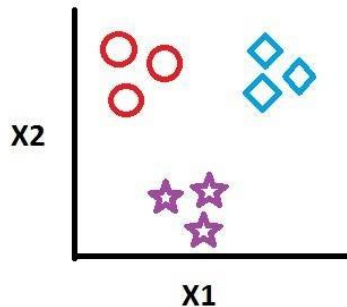


- *Most early stage real assets trap capital inside time.*
- *When investors enter exploration or early development, their allocation becomes immobilized in an illiquid, non cashflowing, and siloed asset.*
- *The only way out is a binary outcome. Either the project reaches a stage where another investor is willing to enter, or it does not.*
- *If the project stalls, capital is stuck. If it progresses, new investors typically insist that all capital go into the project, not to existing investors.*
- *This means early investors are often effectively funding future investors, rather than being compensated for bearing early risk.*
- *This is true regardless of whether capital is raised through a traditional closed end fund, a direct project vehicle, or a special purpose vehicle.*
- *The problem is not simply execution but structural.*
- *From an institutional LP perspective, most early stage projects will never reach the stage where someone else wants to invest.*
- *Even when they do, later capital usually refuses to provide liquidity to earlier investors.*
- *Therefore, early capital remains trapped in asset timelines with no participation, no liquidity, and no flexibility.*
- *This is why institutional capital structurally avoids early stage real assets.*
- *The risk is not only technical but financial and structural*

**Binary Classification**



**Multi-class Classification**



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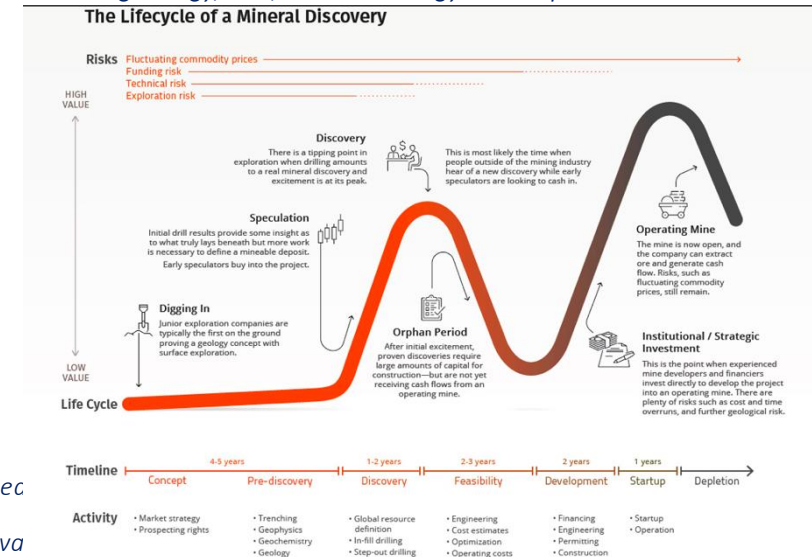
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# ROOT CAUSE is assuming that “production” only means the owned asset itself producing material/Yield and cashflow

## Second mistake is treating exploration and production as Separate worlds

- Most assume that cashflow in real assets must come from the same asset that is being developed. This assumption sounds reasonable, but it is the first error.
- It locks thinking at the micro project level instead of the macro system level.
- Investors are trained to believe that if a mine, field, or project is not yet producing, then nothing economic can be happening around it. That belief treats development as a waiting room and cashflow as something that only exists after production begins.
- In reality, this is not how commodities, physical supply chains, or industrial systems actually work. Even in traditional models, cashflow is rarely tied to a single asset in isolation.
- At later stages, what investors call an “asset” is often just ownership in a business that controls flows of physical product, logistics, relationships, processing, and market access.
- Cash does not come only from rocks in the ground or barrels in a well. It comes from moving physical volume, structuring trades, managing supply chains, controlling offtake, financing flows, and organizing distribution.
- These activities already generate economic value long before any specific greenfield asset reaches production.
- Exploration and development already sit inside broader commodity ecosystems that have multiple ways of making money.
- The mistake is assuming that “production” only means the owned asset itself producing material.
- In commodities, production is a much wider system that includes sourcing, aggregation, logistics, trading, financing, and distribution.
- When capital ignores this, it artificially constrains itself to a single project timeline

- Second mistake is treating exploration and production as separate economic worlds.
- Exploration is framed as speculative and non economic.
- Production is framed as the only legitimate source of value.
- This separation fractures the lifecycle of real assets into disconnected stages.
- It forces capital into rigid silos, where it cannot circulate, learn, or adapt.
- It creates binary risk, episodic liquidity, and chronic underinvestment in the most important phase of value creation.
- The problem is not geology, soil, or technology but capital structure.



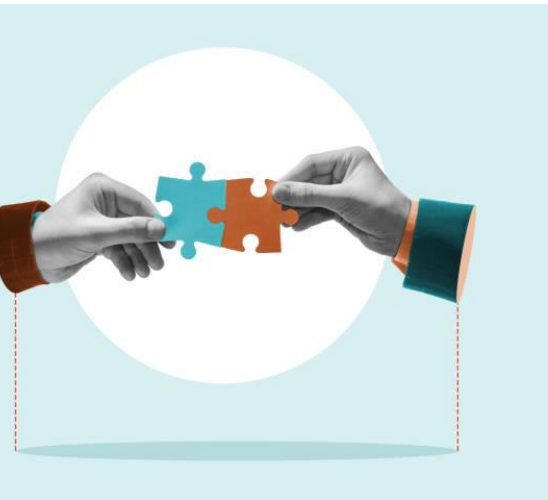
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# WHY EXPLORATION AND PRODUCTION BELONG TOGETHER

- *Exploration and production were always meant to function as a unified system.*
- *Exploration generates information, reduces uncertainty, and builds optionality.*
- *Production generates cashflow, relationships, and operational credibility.*
- *When these two are integrated inside one platform, they reinforce each other rather than competing for capital.*
- *Exploration becomes structured asset formation instead of speculation.*
- *Production becomes the liquidity engine that surrounds development rather than a separate endpoint.*



## HOW THIS CHANGES THE INVESTOR EXPERIENCE

- *Investors do not own a single project, they own exposure to a system.*
- *They participate in asset development and production at the platform level.*
- *While assets mature and uncertainty collapses, the production business generates cashflow.*
- *This creates partial liquidity, dividends, royalties, and internal liquidity long before any asset reaches full production.*
- *Waiting is no longer the dominant experience and participation replaces speculation.*

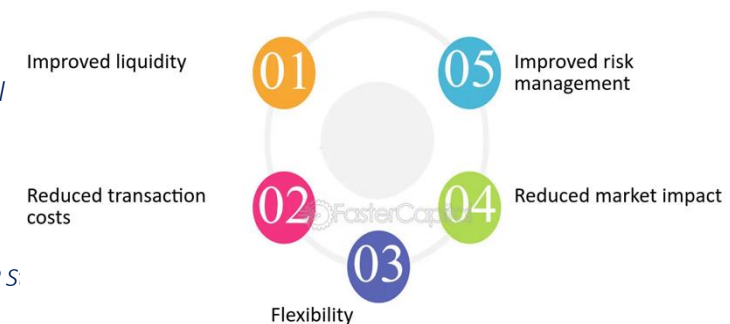
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## THE TWO BUCKET SYSTEM

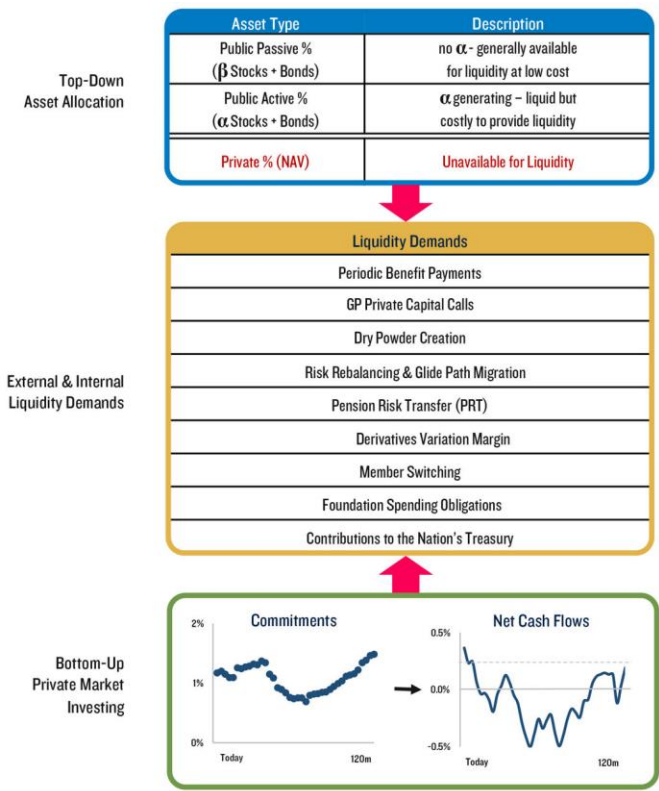
- *SKGP organizes early stage real assets into two interconnected systems inside a single permanent platform.*
- *First bucket, Development System. This is long duration asset formation, exploration, sequencing, governance, and uncertainty collapse.*
- *Second bucket, Production System, which is sourcing, transacting, exporting, fronting trades, managing supply chains, and generating recurring operating cashflow.*
- *Both operate simultaneously inside the same platform system.*
- *Capital is not trapped in one or the other but does circulate between them based on risk and return.*

### The Benefits of Partial Redemption for Investor Liquidity



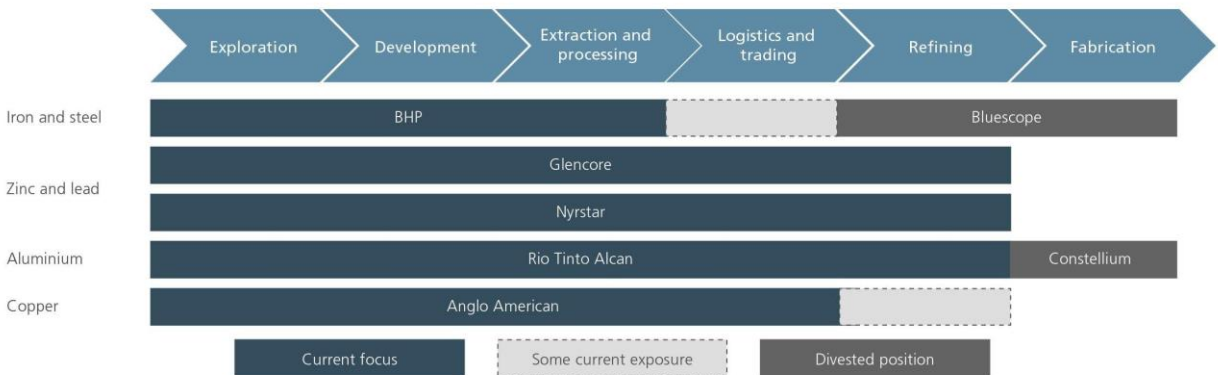
# VERTICAL INTEGRATION AS NATURAL END STATE

- Early stage real assets are inherently vertical in nature.
- As assets mature, they naturally pull in logistics, processing, offtake, and distribution.
- By integrating exploration and production from the start, SKGP aligns with this reality rather than fighting it.
- This allows assets to mature into vertically integrated systems rather than isolated projects.
- It also makes the platform more valuable over time as infrastructure compounds.



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Figure 1  
Vertical integration in the mining sector



## LIQUIDITY EVOLUTION OVER TIME

- As assets derisk at defined milestones, they become eligible for financing on better terms.
- New investors can enter at later stages with lower risk and clearer cashflow visibility.
- Early investors can realize partial liquidity without forcing asset sales.
- Dividends and internal distributions increase as production and owned assets scale.
- Over time, the entire portfolio becomes more liquid, more stable, and more valuable.

# PORTFOLIO LEVEL RISK RATHER THAN PROJECT LEVEL GAMBLING

- Risk is no longer concentrated in a single mine, field, or farm.
- It is distributed across multiple assets, jurisdictions, and sectors.
- Some assets will stall and others will accelerate.
- The system as a whole continues to generate value regardless.
- This is how risk becomes managed rather than endured.



## WHY TRADITIONAL MODELS FAIL

- Traditional models depend on asset exits for returns.
- Treat early stages as speculation and late stages as investable.
- They force capital into rigid timelines that do not match how real assets actually mature.
- Fragment data, governance, and incentives across the lifecycle.
- Make early stage real assets institutionally unallocable.

## SKGP'S STRUCTURAL INNOVATION

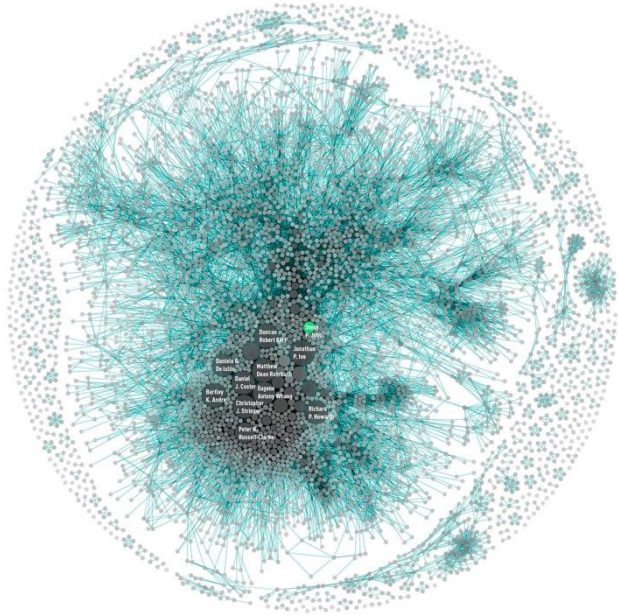
- SKGP dissolves/dilutes speculation through structure.
- Permanent capital replaces forced exit cycles.
- Integrated exploration and production replace fragmented lifecycles.
- Continuous uncertainty collapse replaces binary outcomes.
- Internal liquidity replaces dependence on new investors.

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# DATA AS THE NEW INFRASTRUCTURE

- *In early stage real assets, data is now capital.*
- *Every drill sample, survey, and operational action produces information that reshapes probabilities.*
- *Value forms before cashflow through uncertainty reduction and information accumulation.*
- *The better the data, the faster uncertainty collapses, and the stronger the asset becomes.*

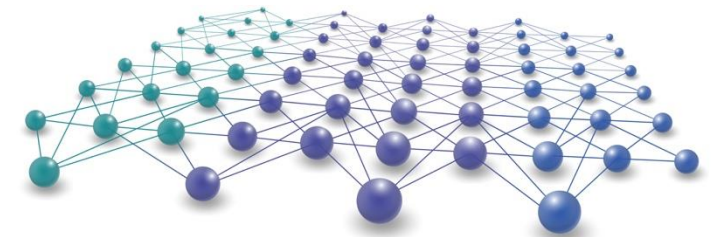


# ANALYTICS AS GOVERNANCE

- *Analytics disciplines capital sequencing and decision making.*
- *Probability models replace gut instinct and binary speculation.*
- *Gate based progression ensures capital only advances when uncertainty has been sufficiently reduced.*
- *Risk becomes measurable, trackable, and manageable.*

## AI AND MACHINE LEARNING AS RISK COMPRESSION

- *Machine learning identifies patterns across massive datasets.*
- *It continuously refines probability distributions around assets.*
- *It accelerates uncertainty collapse across entire lifecycles.*
- *It unifies exploration, development, and production into one intelligent system.*



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# STRUCTURED EXPLORATION

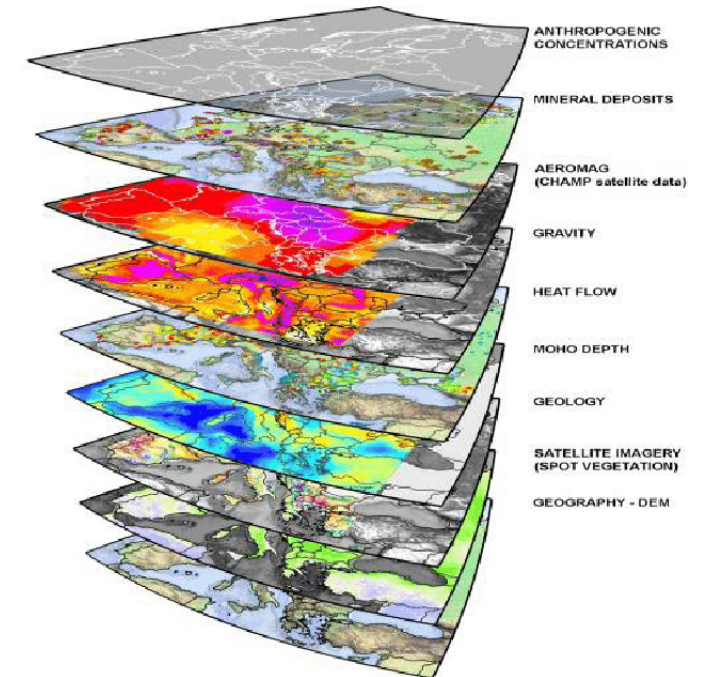
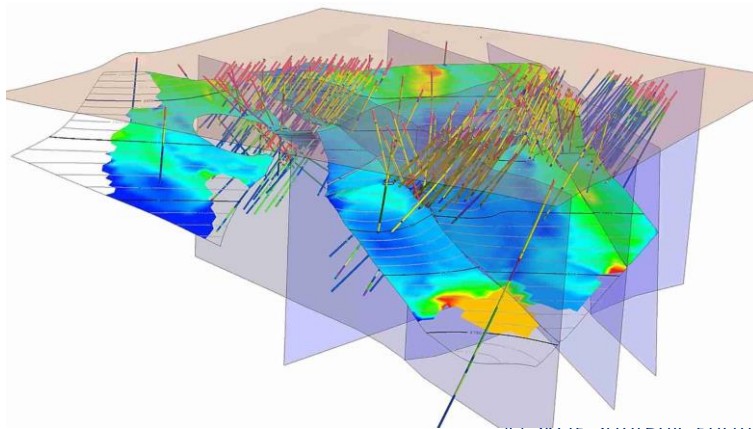
- *Exploration is reframed as asset engineering, not drilling.*
- *Each action is selected for information gain rather than activity.*
- *Risk decays along measurable curves rather than through random outcomes.*
- *Institutional legibility is created long before production.*

# BRIDGING EXPLORATION AND PRODUCTION WITH DATA

- *Data provides a continuous informational spine across the lifecycle.*
- *Geological optionality transforms into bankable systems as uncertainty collapses.*
- *Capital becomes aligned with physical reality rather than financial convention.*
- *Assets mature smoothly rather than jumping between disconnected phases.*

## WHY THIS UNLOCKS INSTITUTIONAL CAPITAL

- *Institutions require governance, transparency, and probabilistic clarity.*
- *SKGP provides these through data, analytics, and permanent capital structure.*
- *Risk budgeting and expected shortfall frameworks become applicable.*
- *Early stage real assets become legible, allocable, and investable.*



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# PRE YIELD ASSETS AS A NEW CATEGORY

- *Pre Yield Assets are institutional grade assets in formation before cashflow.*
- *Their value grows through uncertainty collapse.*
- *They represent the most economically productive phase of the asset lifecycle.*
- *Aswell as bridge the gap between global capital and the physical economy.*

## ENGINEERED LIQUIDITY

- *Liquidity is created before production through data, offtake, royalties, and structured transactions.*
- *Corridors and infrastructure are packaged into institutional grade units.*
- *Realizations occur at risk reduction events, not terminal exits.*
- *Capital is recycled into new Pre Yield formations.*

## CAPITAL STRUCTURE

- *Investor capital enters at the platform level through private markets investment trust level.*
- *Capital is allocated internally between Production and Development based on risk and return.*
- *Production sends recurring royalties or dividends upstream.*
- *Assets mature without forced exits.*
- *Liquidity is engineered without destroying asset integrity.*

## Types Of Alternative Asset Classes



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# CAPITAL PHYSICS

- *Capital behaves like energy flowing through physical systems.*
- *Velocity creates value through faster cycles of learning and reinvestment.*
- *Nodes connect assets, data, and governance into a network.*
- *Expected returns are established before yield through probability compression.*



# GOVERNANCE AND READINESS

- *Institutional readiness is measured through data quality, governance, and risk transparency.*
- *Legal control frameworks anchor economic authority.*
- *Jurisdictional exposure is scored and managed.*
- *ESG is treated as structural stability.*

# END STATE

- *A permanent capital ecosystem that compounds global infrastructure.*
- *Continuous asset formation replaces episodic deal making.*
- *National development aligns with global capital flows.*
- *The economy is financed through intelligence, not speculation.*

# Conclusion

- *The exploration production divide is collapsing.*
- *Data driven real asset formation is the new foundation of global capital.*
- *Pre Yield Assets are the next institutional frontier.*
- *SKGP represents a new operating system for global capital.*

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