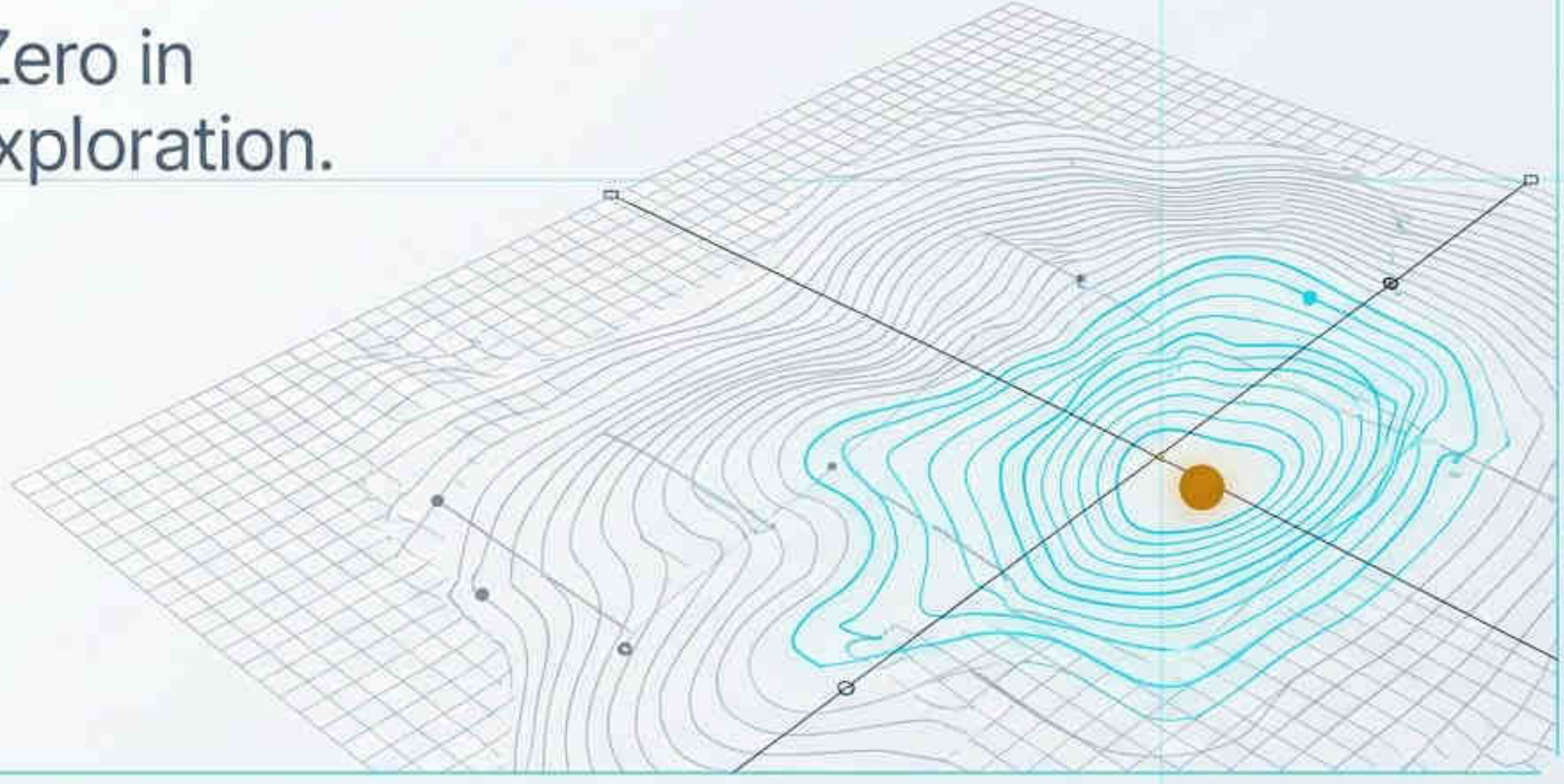
Asymmetric Subsurface Intelligence

RSS-NMR as Step Zero in Modern Oil & Gas Exploration.



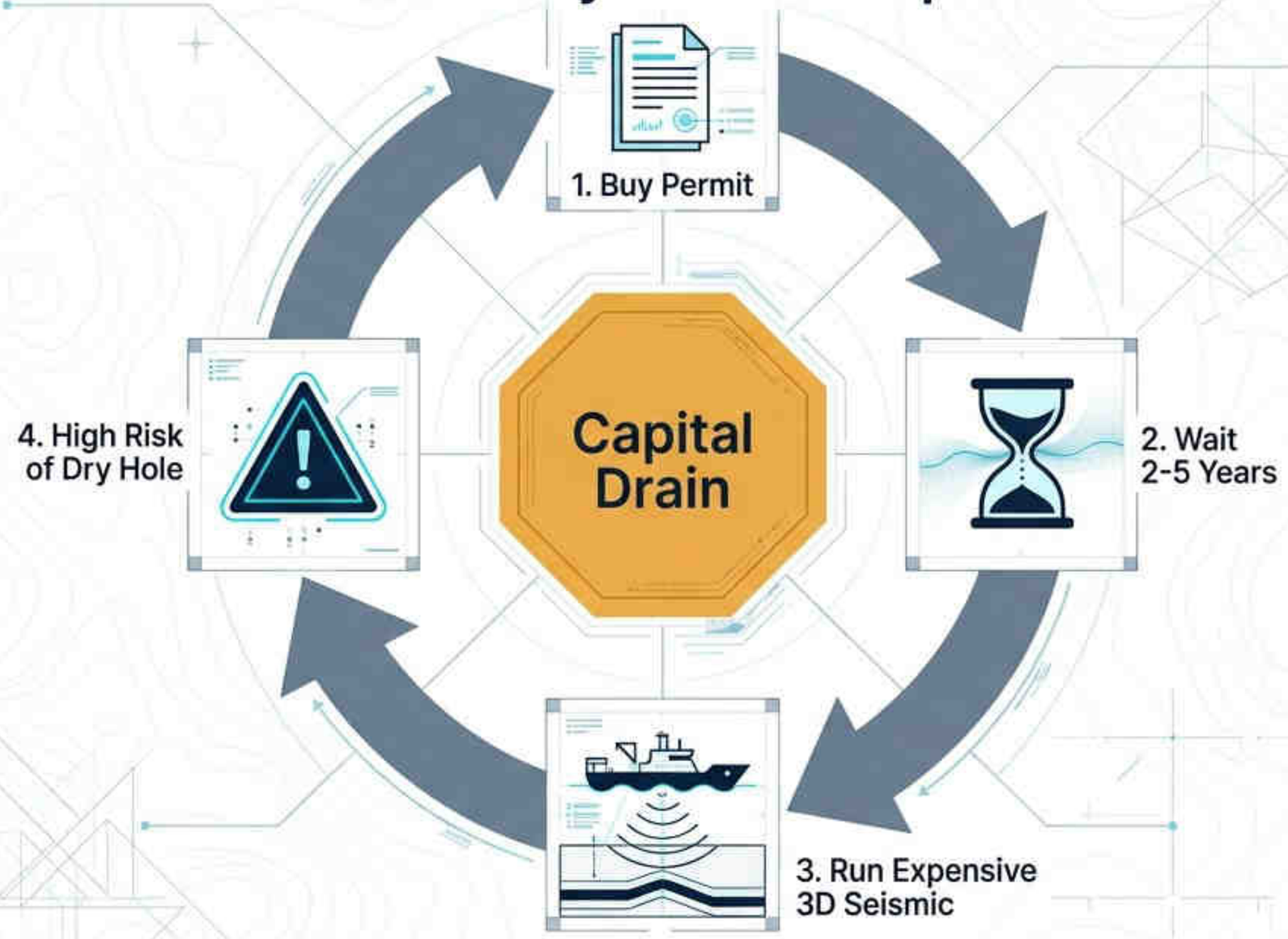
DOCUMENT CLASSIFICATION: STRATEGIC BRIEFING // FOCUS: TARGETED DE-RISKING & M&A INTELLIGENCE

The Era of Pay to See Exploration

The Trap: The industry routinely commits billions in capital upfront to secure legal rights to blocks that may hold nothing.

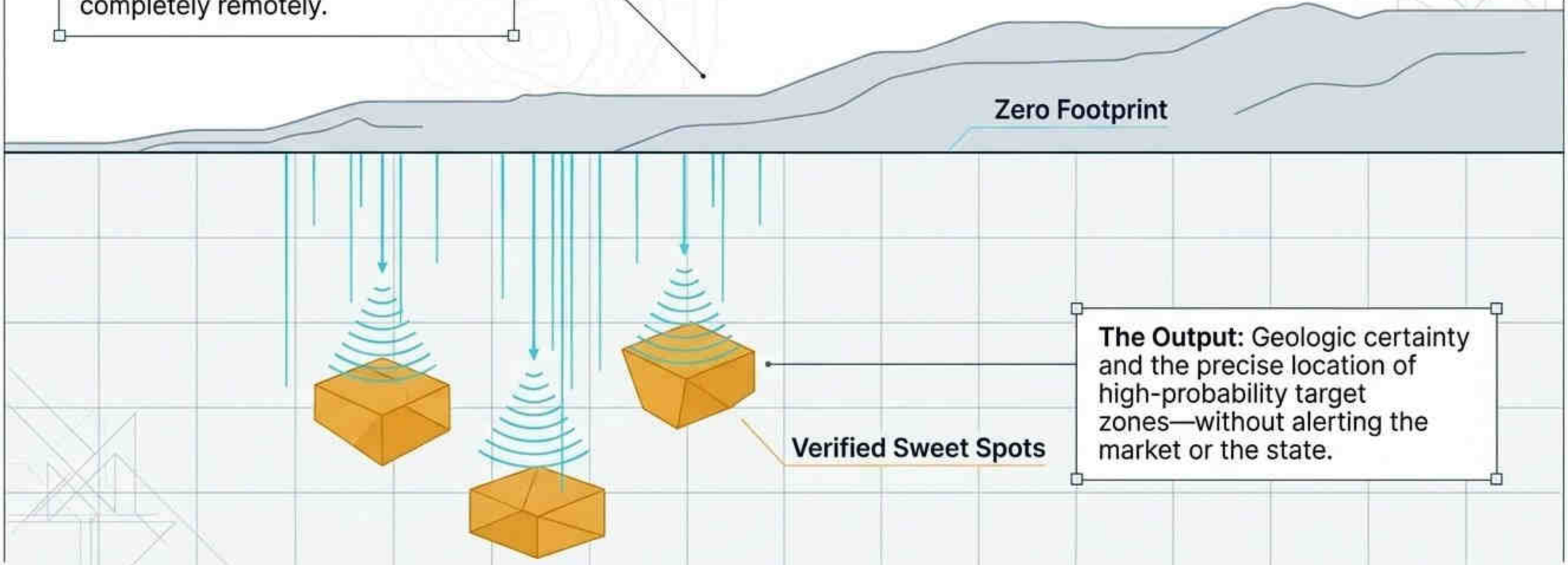
The Core Issue: Traditional methods entangle geologic discovery with legal bureaucracy, forcing massive investment before validation.

The Pay to See Trap



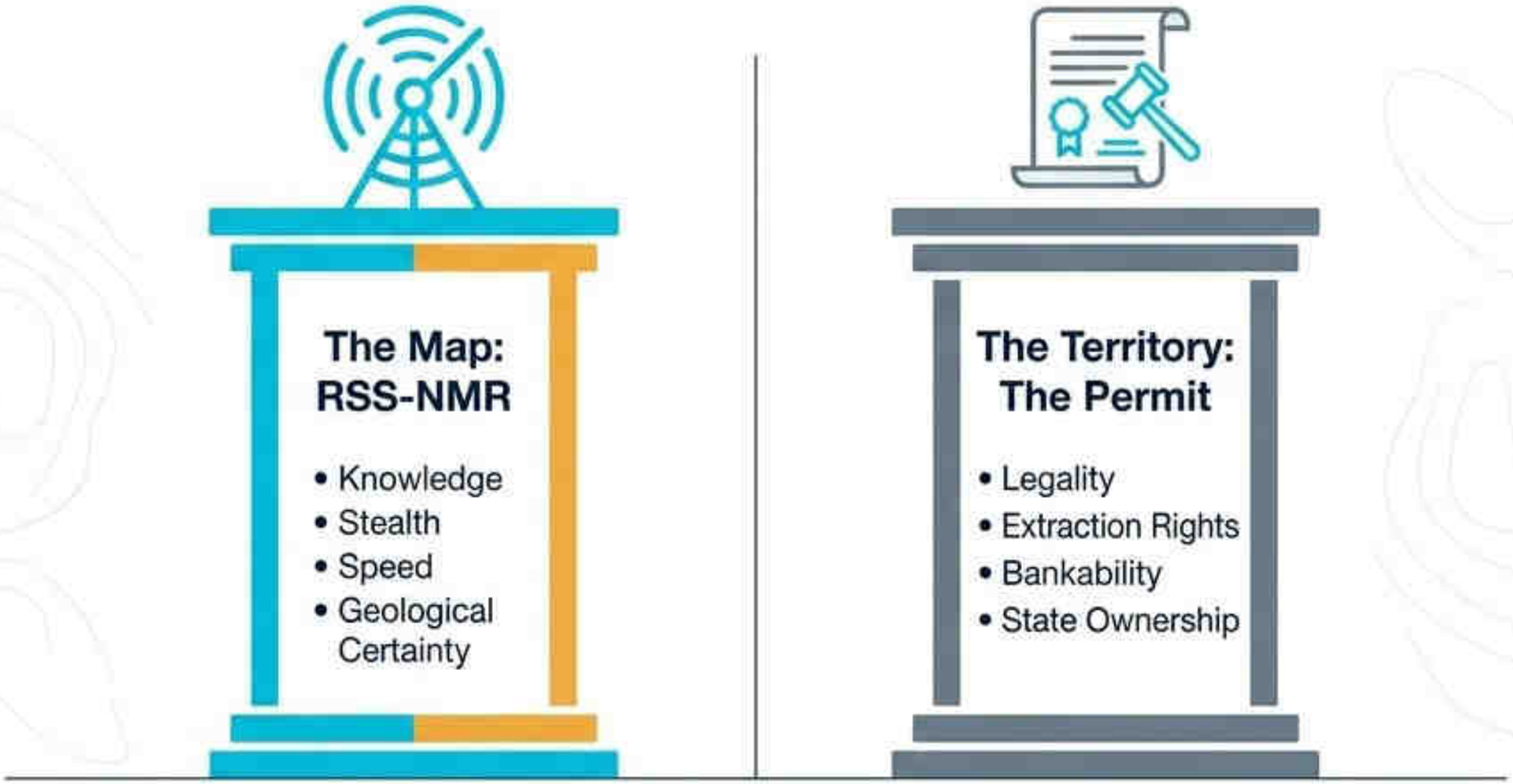
Decoupling **Detection** from **Disruption**

Total Discretion: No seismic ships. No fleets of trucks. RSS-NMR maps subsurface resonance completely remotely.



The Output: Geologic certainty and the precise location of high-probability target zones—without alerting the market or the state.

Information is Not Ownership



The Rule of Law: Knowing where the oil is (The Map) does not grant the right to extract it. it. Oil legally belongs to the State.

The Legal Hold-Up: Bypassing the auction process and extracting secretly is legal see Annex A

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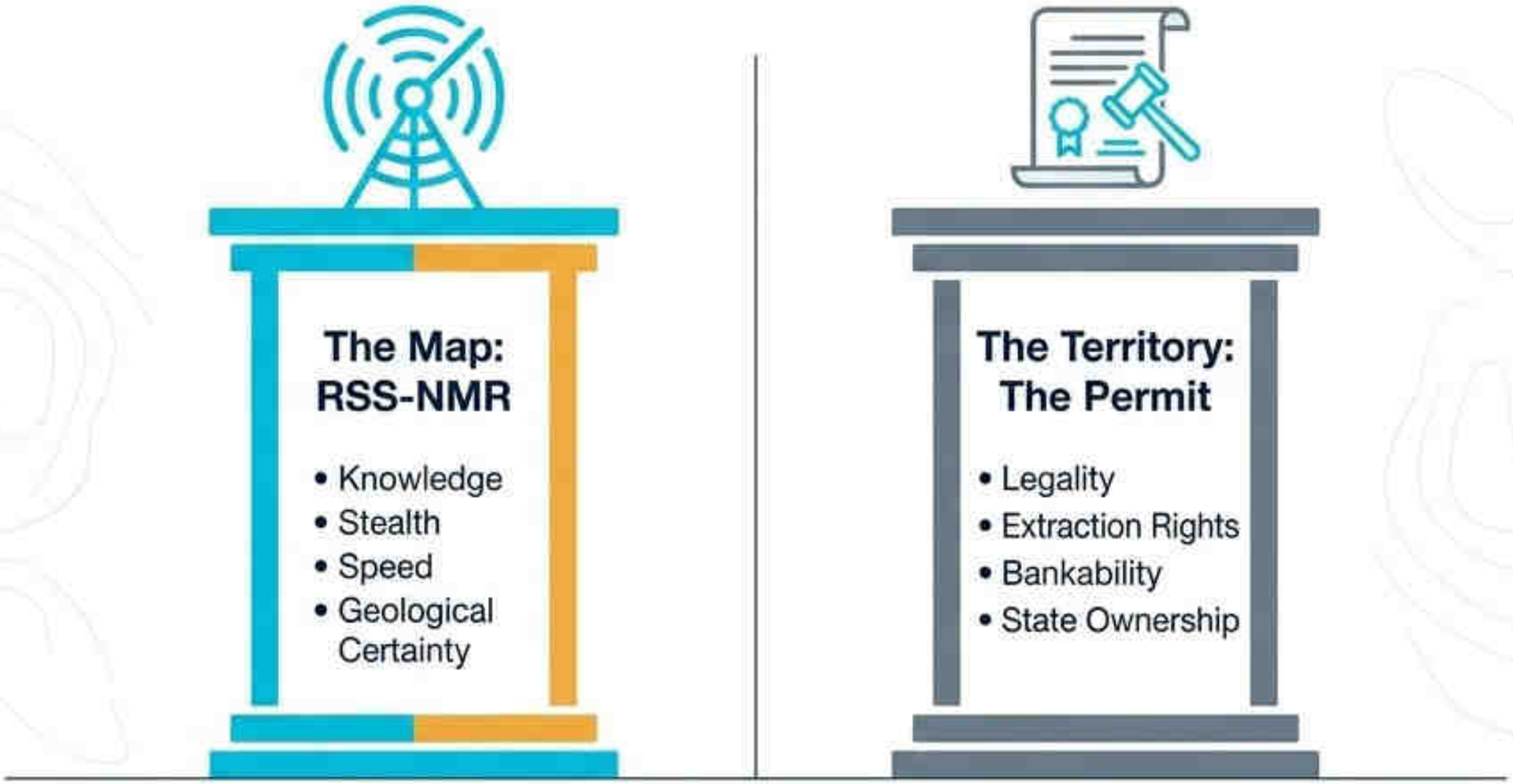

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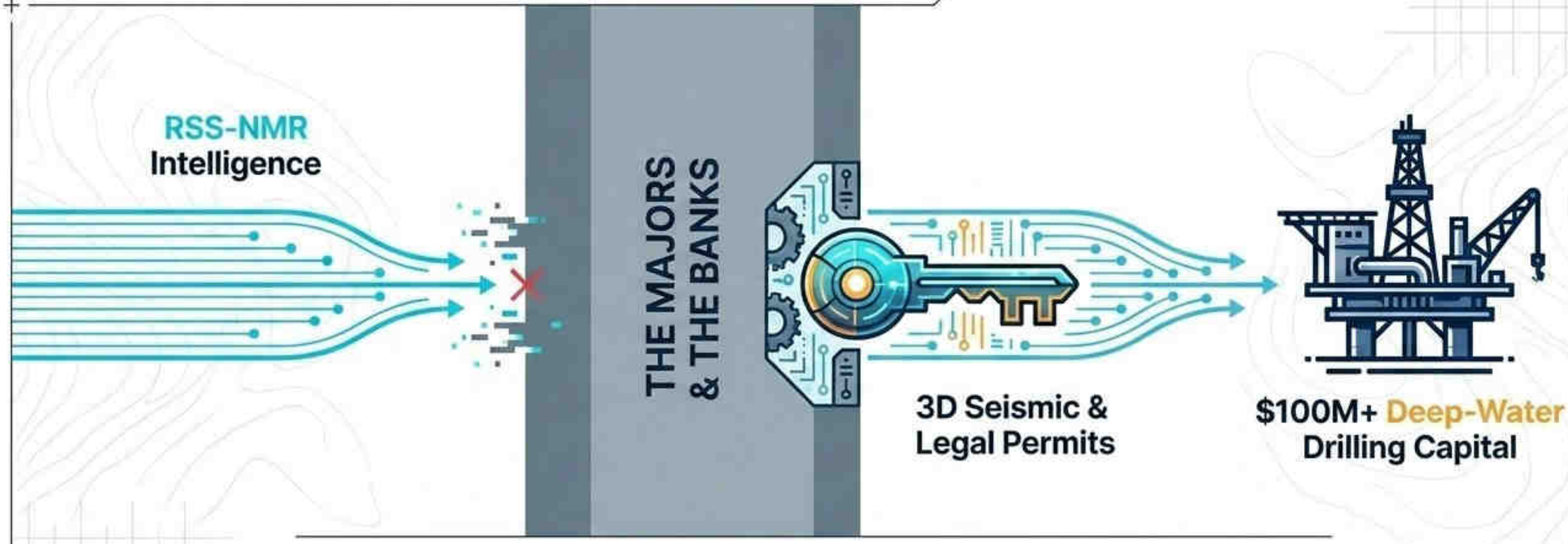
The Conservatism of Capital

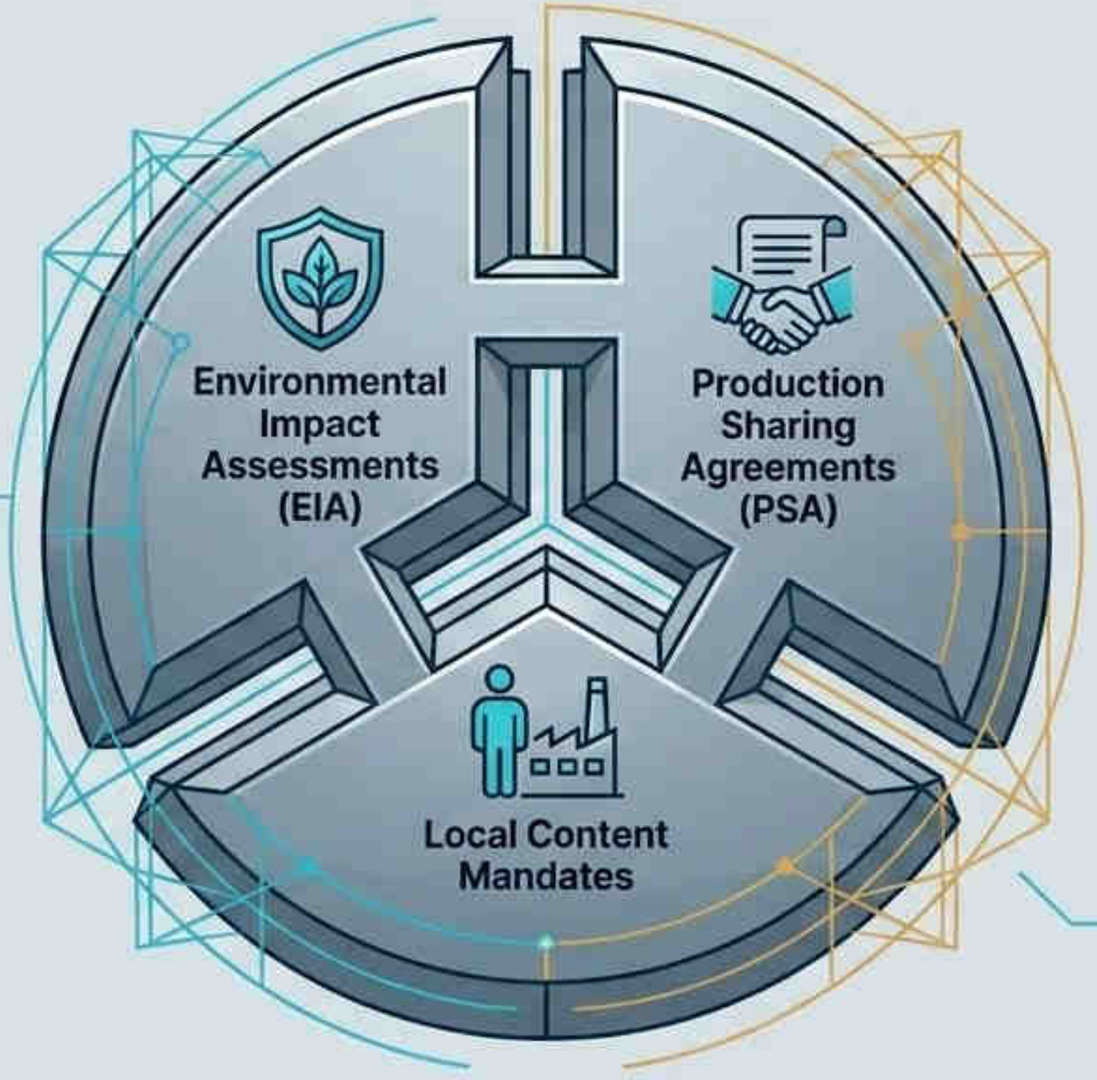


The Standard: Despite being slow and expensive, 2D/3D seismic remains the universal standard required by investment committees to underwrite $100M+ deep-water wells.

The Reality: RSS-NMR secures the knowledge, but traditional seismic secures the funding.

Administrative Constraints: A Necessary Friction

The 1-4 Year Delay is built on non-negotiable legal frameworks required for extraction.



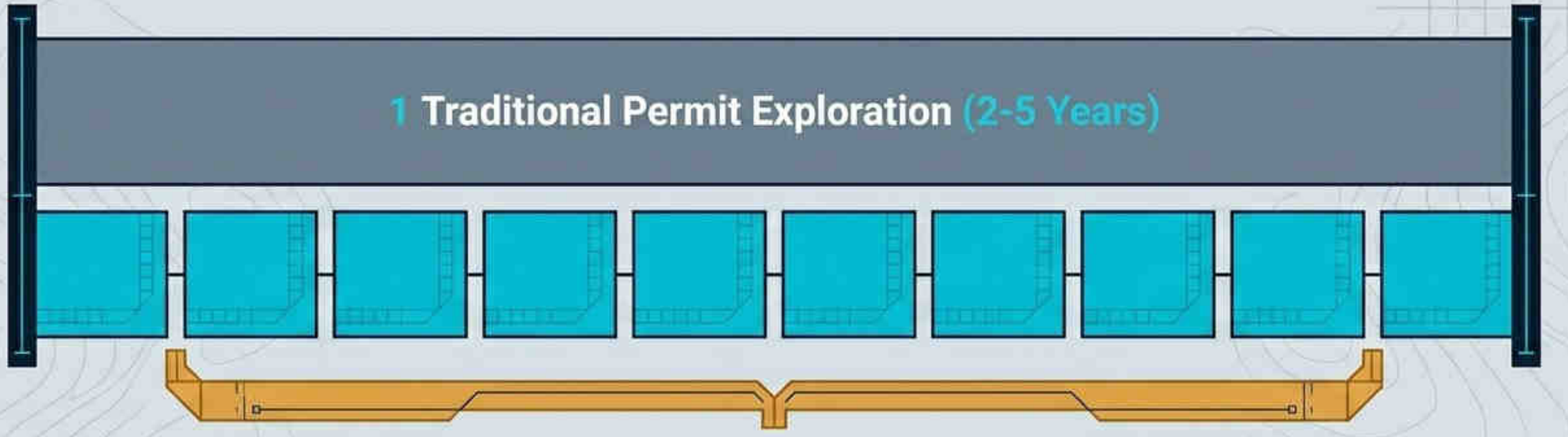
Takeaway: These bureaucratic hurdles cannot be skipped for extraction, but they can be bypassed during initial discovery.

The Diagnostic Matrix: Traditional vs. Asymmetric

	Traditional Seismic	RSS-NMR
Financial Cost	Very High (Millions)	Low
Time to Insight	2 to 5 years	A few months
Legal Status	Fully recognized framework	**Annex A**
Strategic Objective	Obtain the right to sell	Obtain absolute geological certainty
Operational Discretion	○ Zero (Boats, Trucks)	● **Total** (Invisible, Remote)

Context Note: The industry already uses basic remote precursors (satellites, micro-gravimetry) to avoid dry blocks. RSS-NMR is the ultimate evolution of this stealth intelligence.

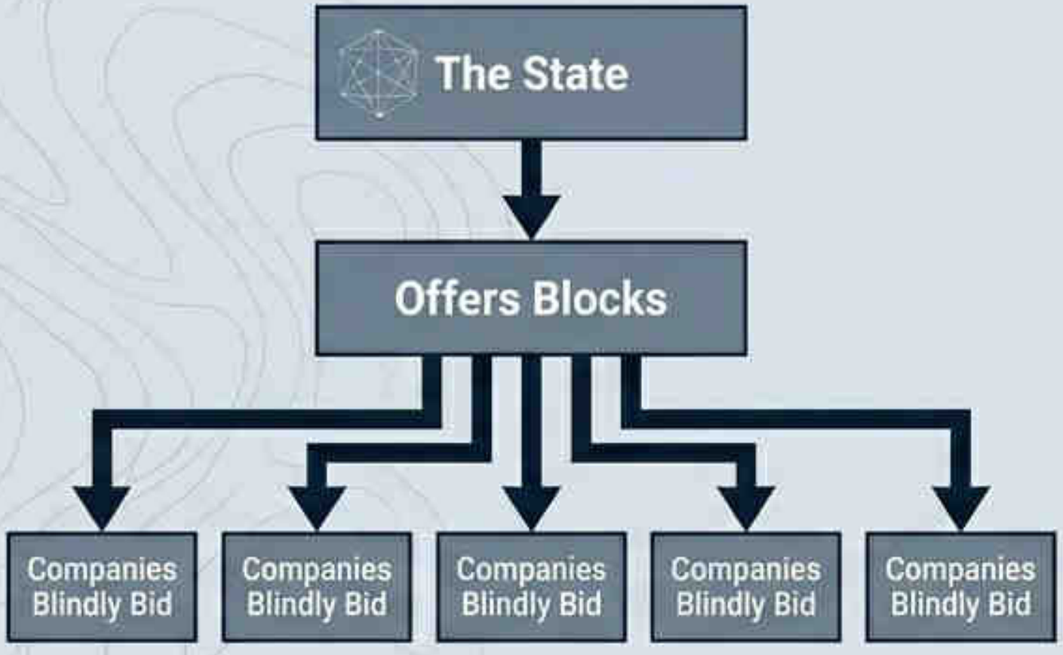
The Velocity of Intelligence



- Evaluate up to 10 disparate global projects for the cost and time of a single traditional permit exploration.
- Fail fast, pivot instantly, and commit capital only where hydrocarbons are physically guaranteed.

Reversing the Balance of Power

The Old Era: State-Dictated



State controls the timeline.

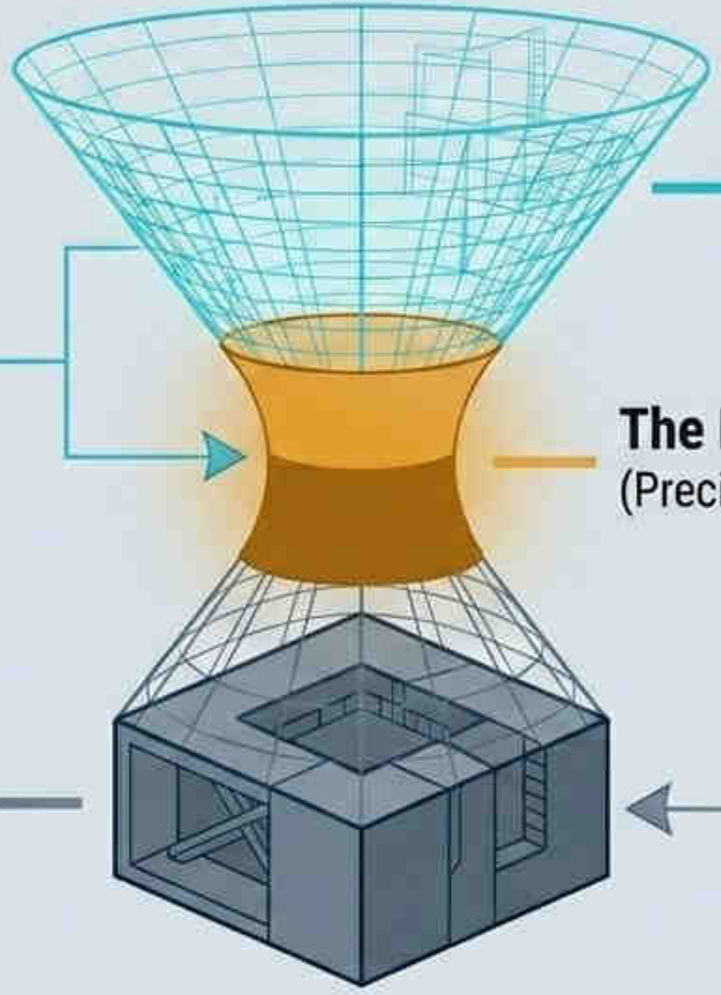
The New Era: Investor-Empowered

Investor dictates the action.

RSS-NMR empowers private capital to dictate where, when, and how sweet spots are developed, moving away from state-paced exploration.

Step Zero: The Integration Framework

RSS-NMR does not replace the legal framework—it dictates exactly where to deploy it.



Broad, Cheap, Fast
(RSS-NMR Global Scan)

The Decision
(Precise Identification of Sweet Spots)

Narrow, Expensive, Legal
(Targeted Permits & 3D Seismic)

Execute the expensive traditional lifecycle only where success is already virtually guaranteed.

The RSS-NMR Strategic Playbook

Beyond mere exploration, RSS-NMR unlocks three distinct commercial use-cases that fundamentally alter corporate strategy.

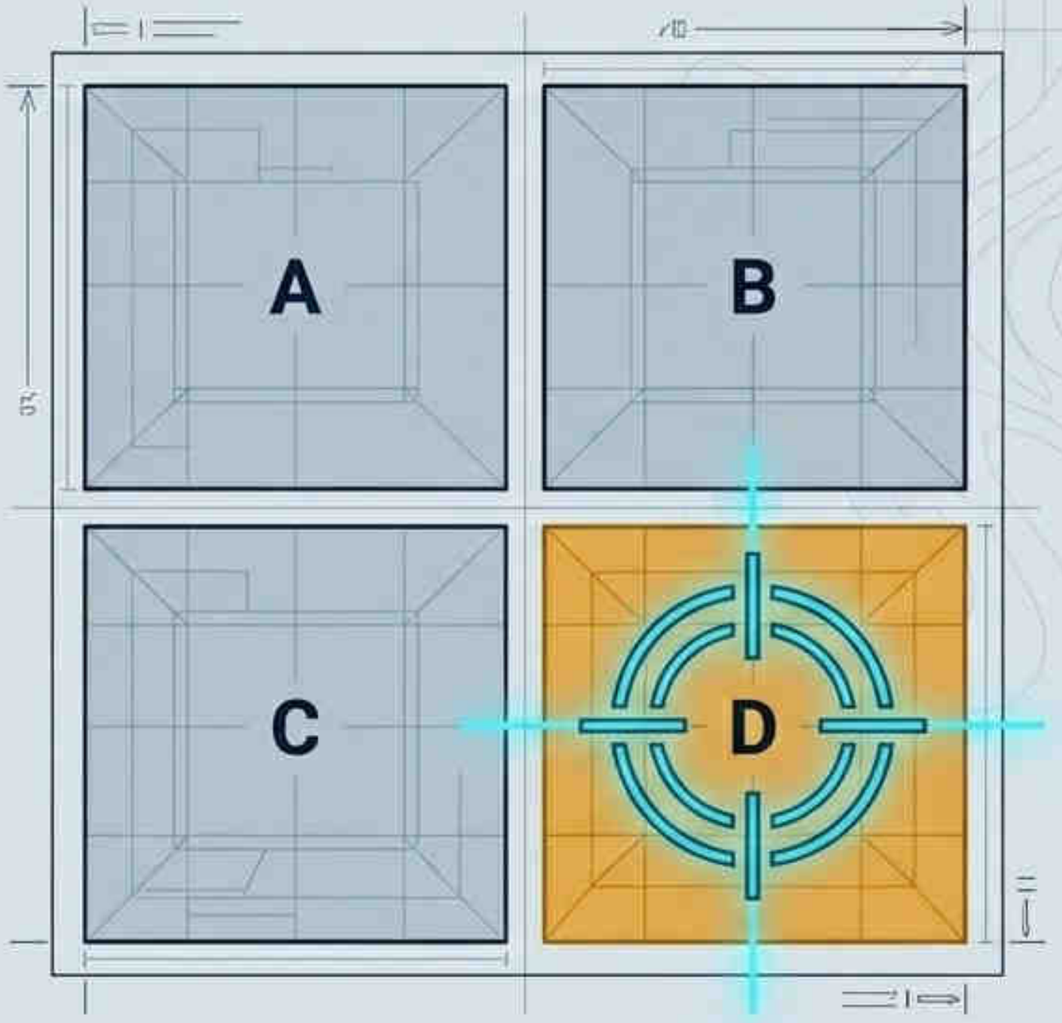
Triad of Advantage

Playbook I: Asymmetric Bidding

The Tactic: Deploy RSS-NMR discretely over upcoming auction blocks.

The Advantage: Enter the state auction possessing absolute certainty about which specific blocks contain sweet spots.

The Result: Aggressively outbid competitors for guaranteed assets while deliberately passing on dry blocks, completely eliminating the primary risk of the auction system.

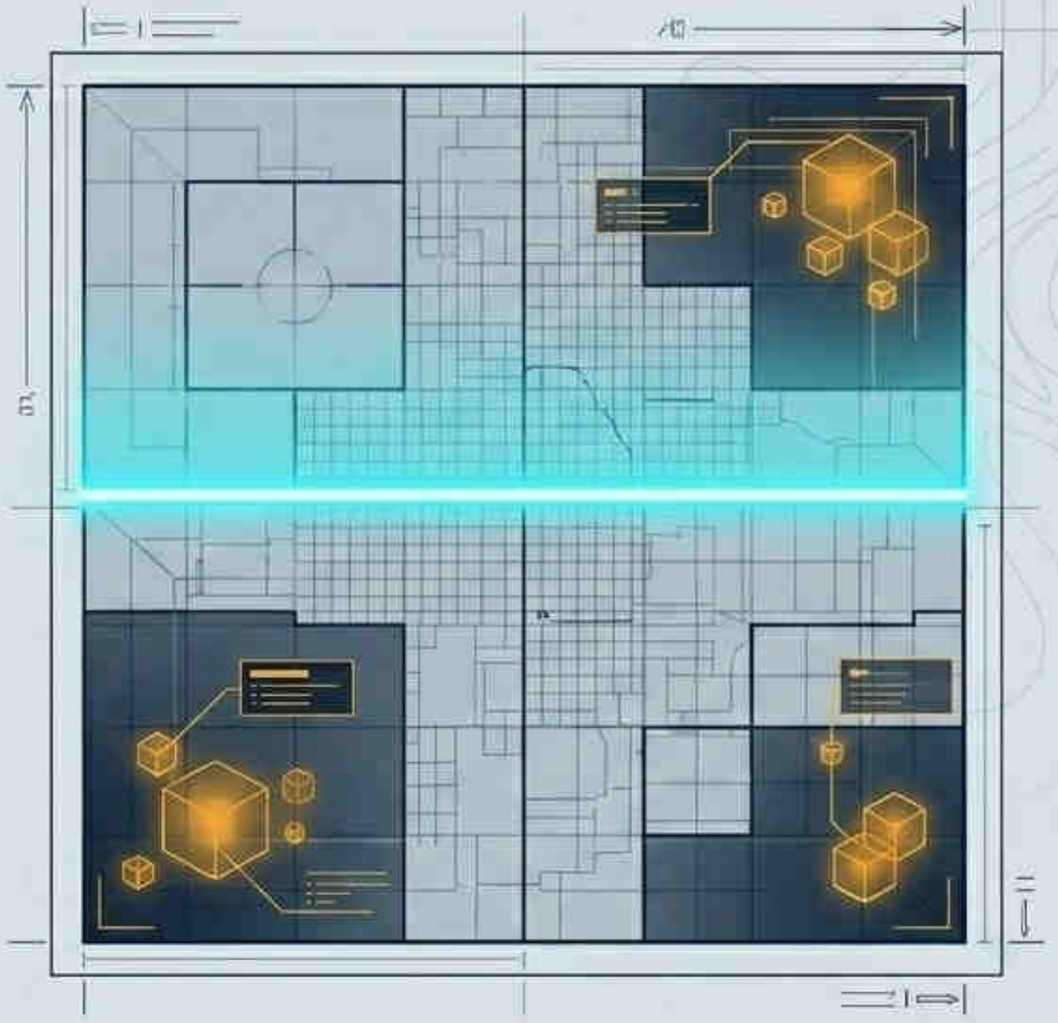


Playbook II: Internal Portfolio Optimization

The Tactic: Re-explore and map entirely owned, existing blocks with RSS-NMR.

The Advantage: Discover overlooked sweet spots within perimeters where legal rights, PSAs, and environmental permits are already secured.

The Result: Maximize current assets without risking fresh capital on unproven, politically complex new global projects.

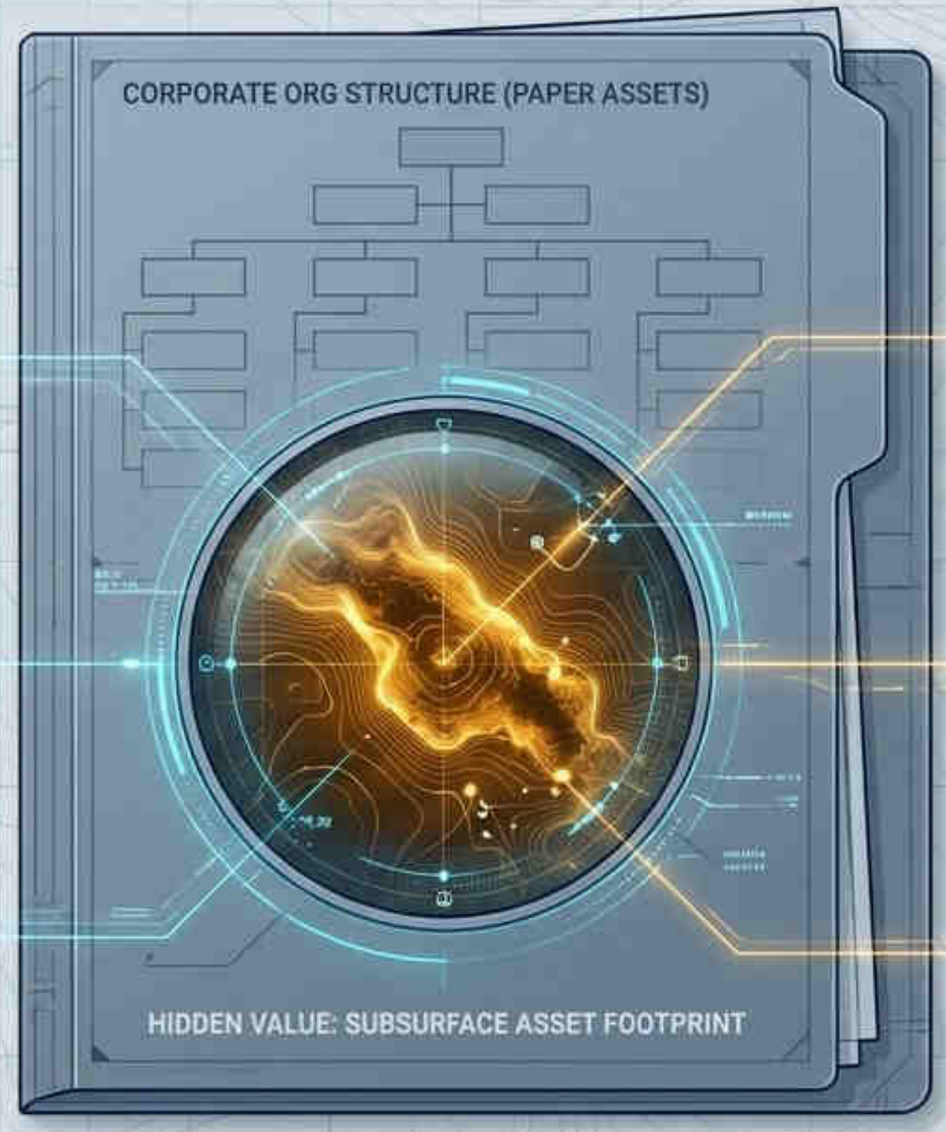


Playbook III: M&A Due Diligence

The Tactic: Scan a target company's entire asset footprint prior to an acquisition offer.

The Advantage: Know exactly what is being bought. Uncover massive hidden potential in the target's portfolio that even their own management is unaware of.

The Result: Price acquisitions based on guaranteed future yields, securing high-value assets at a discount before the market realizes their true worth.



The End of Blind Capital Deployment

The traditional permit system provides legal security.
Traditional seismic provides bankability. But only RSS-NMR provides
the ultimate luxury in Oil & Gas: Risk Elimination. By institutionalizing Step Zero,
we no longer pay to see. We see and then we pay if we have an interest

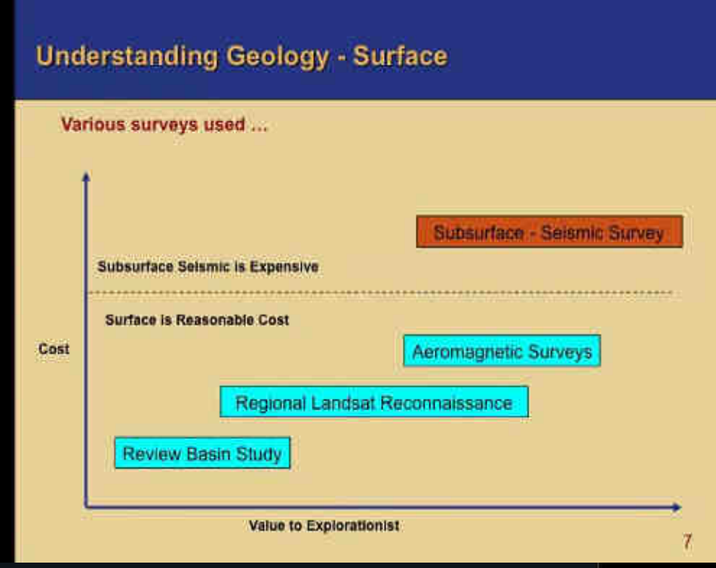
STAGE ZERO STRATEGY

Preventive & Objective Evaluation

"Stage Zero" is the key methodology used to evaluate Greenfield and Brownfield assets before committing heavy administrative resources or traditional seismic capital.

- **Holistic View:** Complete analysis of assets and context without pre-existing biased records.
- **Failure Prevention:** Early identification of operational, social, and environmental risks.
- **Adaptability:** Perfectly suited for new frontiers with historically unreliable data.

EXPLORATION APPLICATIONS



Initial Geophysics

Structural mapping prior to 3D/4D seismic or gravimetry. Determines baseline potential without incurring heavy financial exposure.

Upstream Inspection

Evaluation of mechanical integrity and hidden upside in existing blocks, turning legacy data into fresh validation tools.

Environmental Management

Early-stage consideration of social and environmental impacts to guarantee sustainable execution and discrete project footprint.

DECISION TREE: COMITÉ DIRECTEUR

1. Evaluation

Does the asset meet baseline targets for productivity and operational profitability?

2. Projections

Establish clear industrialization timelines and regional development benchmarks.

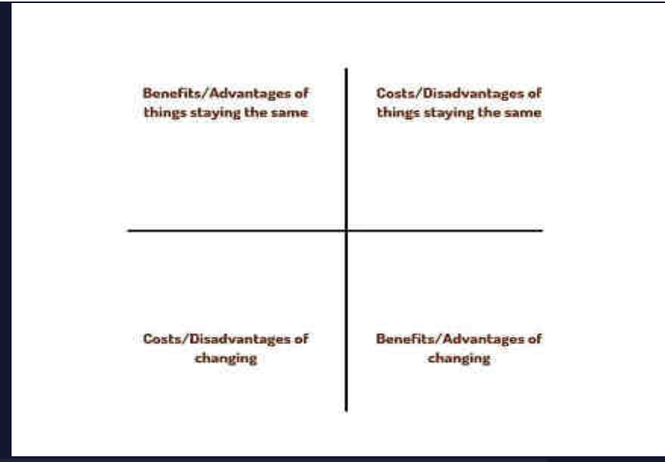
3. Infrastructure

Assess logistical feasibility: pipeline pathways, transportation networks, and physical presence.

4. Country Risk

Integrate sociopolitical risk factors to deliver the final strategic Go/No-Go decision.

STAGE ZERO DECISION MATRIX



STEP	CORE QUESTION	IF NO	IF YES
01. **Profitability**	Does the asset meet minimum operational targets?	STOP (Abandon)	Proceed to Step 2
02. **Projections**	Are regional development milestones viable?	STOP (Re-evaluate)	Proceed to Step 3
03. **Infrastructure**	Are logistics & pipeline pathways validated?	STOP (Seek Partners)	Proceed to Step 4
04. **Country Risk**	Are sociopolitical & safety factors acceptable?	FINAL DECISION: NO-GO	FINAL DECISION: GO

Annex A

Operational Legality of Orbital Subsurface Scanning

A legal and technical framework for RSS-NMR deployment beyond sovereign airspace.

Absolute Sovereignty Dictates the Lower Atmosphere

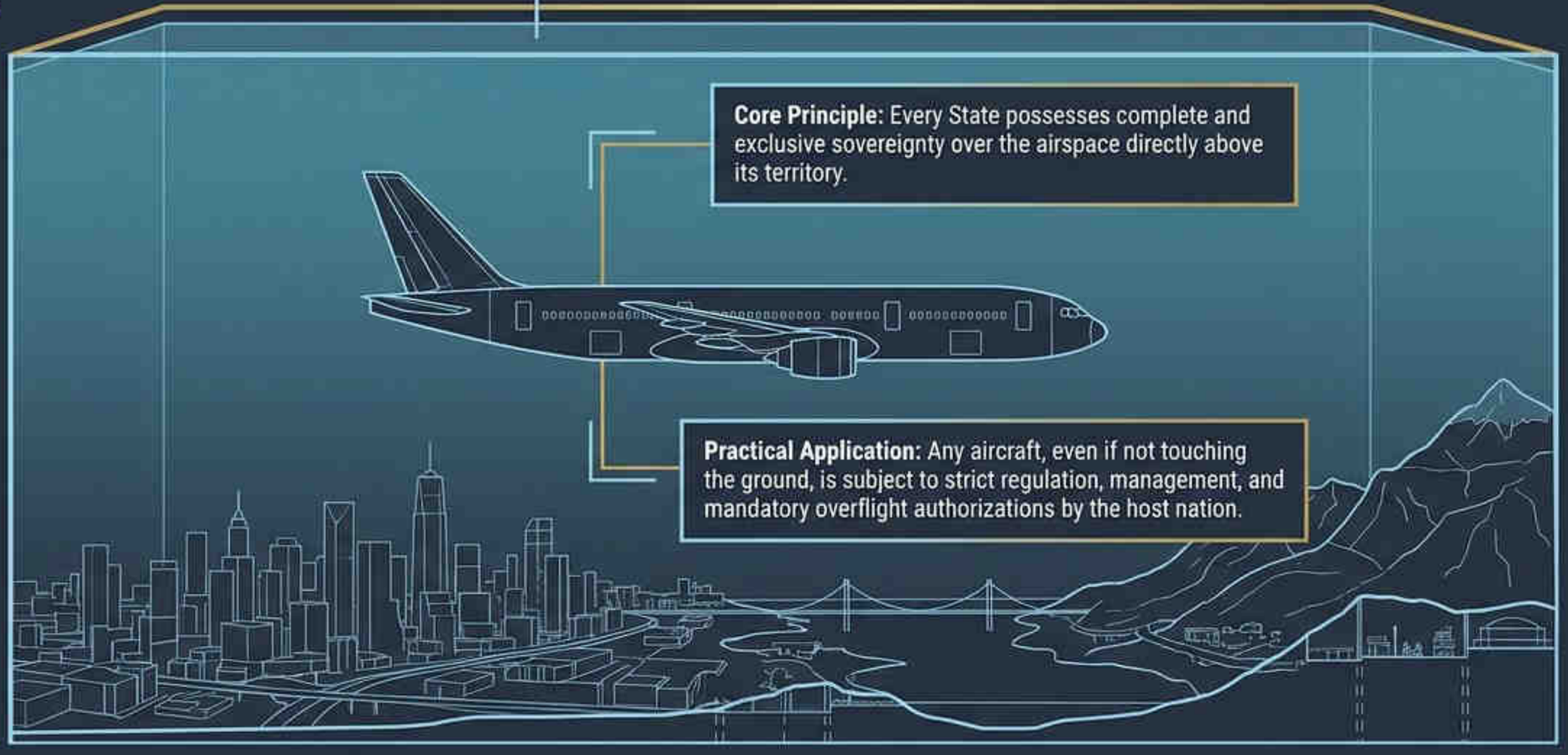
RSS NMR

Key Law: Chicago Convention (1944, ICAO)

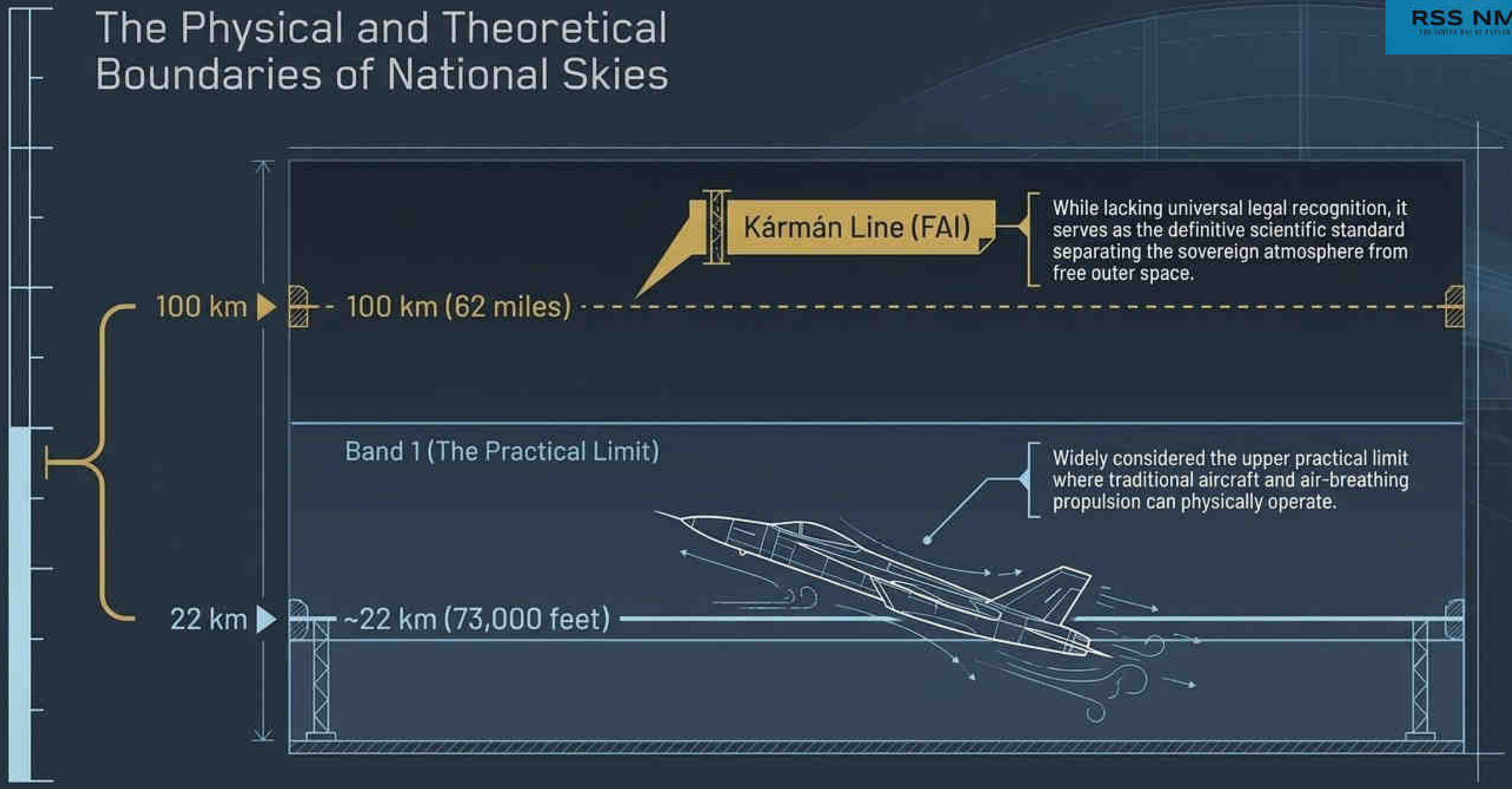
Core Principle: Every State possesses complete and exclusive sovereignty over the airspace directly above its territory.

Practical Application: Any aircraft, even if not touching the ground, is subject to strict regulation, management, and mandatory overflight authorizations by the host nation.

0 km to ~22 km



The Physical and Theoretical Boundaries of National Skies



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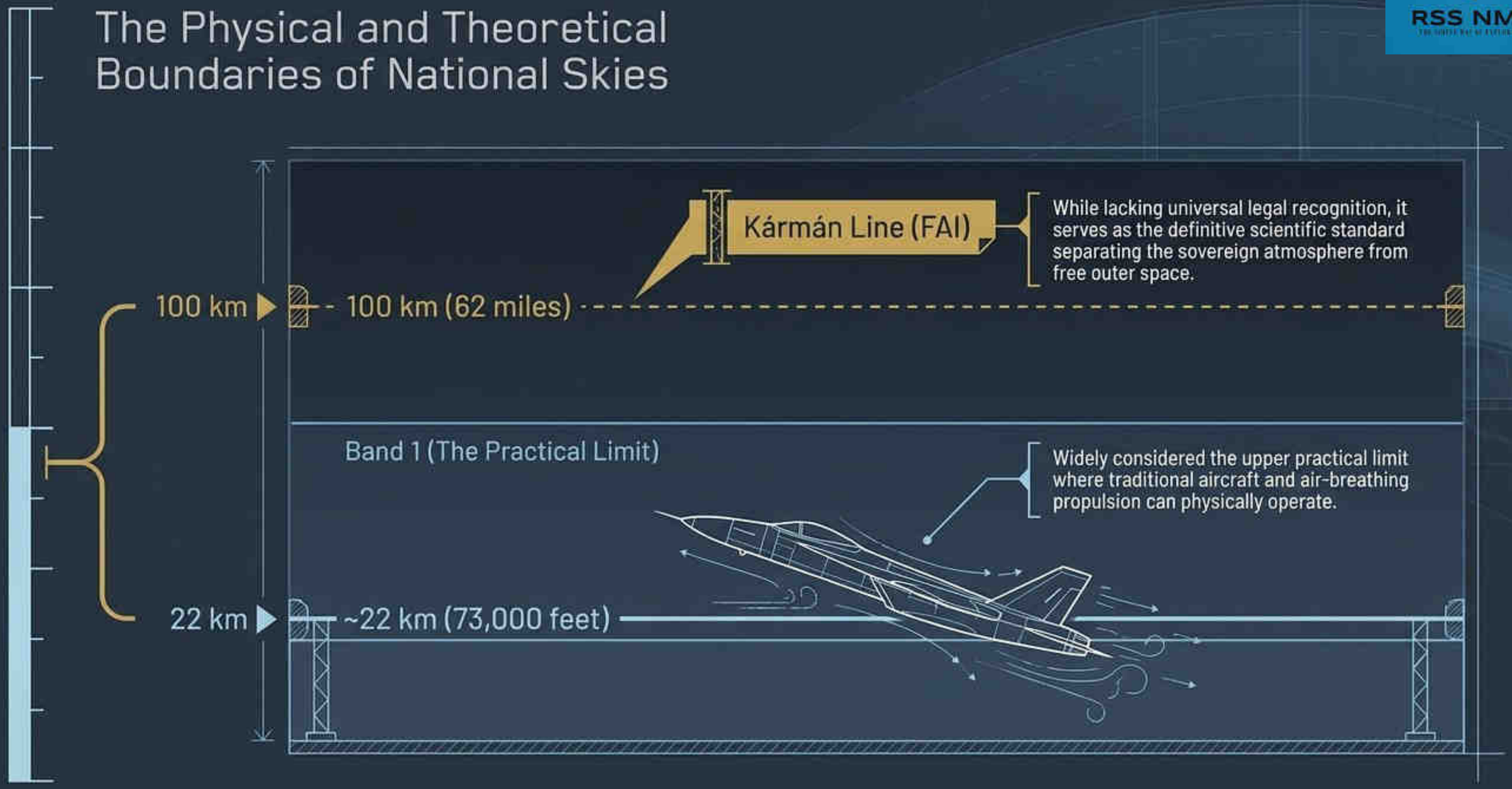


The 100-Kilometer Paradigm Shift

	Sovereign Airspace	Outer Space
Altitude	0 to ~100 km	> 100 km
Governing Law	Chicago Convention 1944	Outer Space Treaty 1967
Sovereignty Status	Exclusive National Control	Belongs to No State / Cannot be Appropriated
Overflight Rules	Explicit Permission Required	Unrestricted Free Passage Guaranteed

Universal Freedom of Orbital Overflight

> 100 km

The Outer Space Treaty (1967)

The foundational text of international space law governing all operations above 100 km.

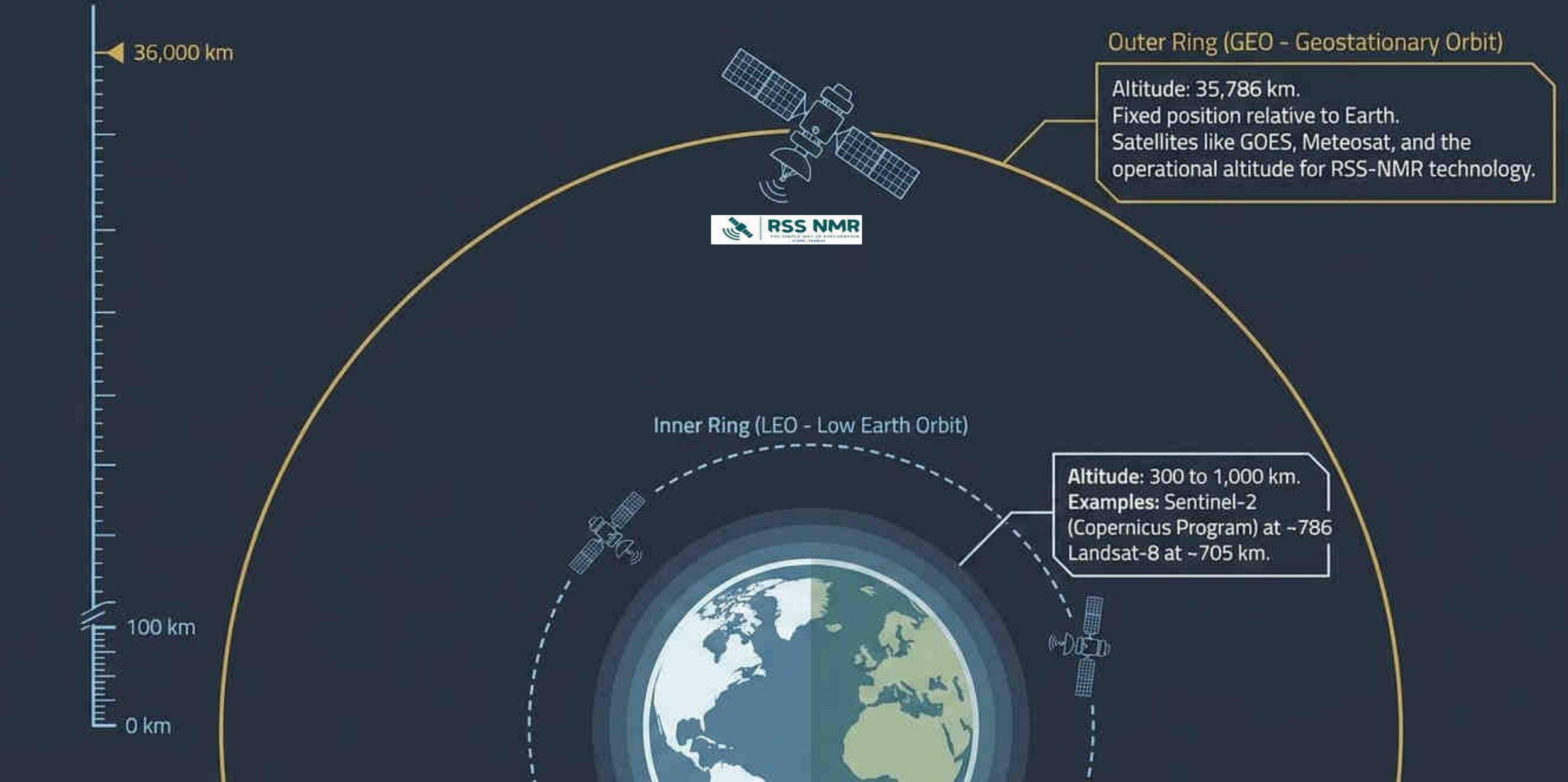
Operational Reality

Because space cannot be legally appropriated by any nation, observation satellites operate in a zone of absolute free passage.

Bottom Line

Satellites can legally overfly any country on Earth without ever requesting authorization or violating national sovereignty.

Mapping the Architecture of Earth Observation



Operational Realities of Low vs. Geostationary Orbits

RSS NMR

LEO (Low Earth Orbit)

300 - 1,000 km

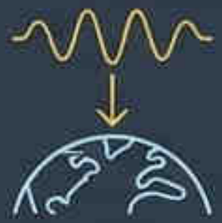
Movement: Rapid orbit, moving relative to the Earth's surface (90 min - 1h30 revisit times).

Function: High-resolution optical imagery, standard mapping, and meteorological passes.

GEO (Geostationary Orbit)

35,786 km

Movement: Fixed position relative to the Earth's surface (24-hour synchronous rotation).



Function: Continuous global weather observation and the required stability for RSS-NMR continuous subsurface signal targeting.

The Distinction Between Surface Imagery and Subsurface Diagnostics

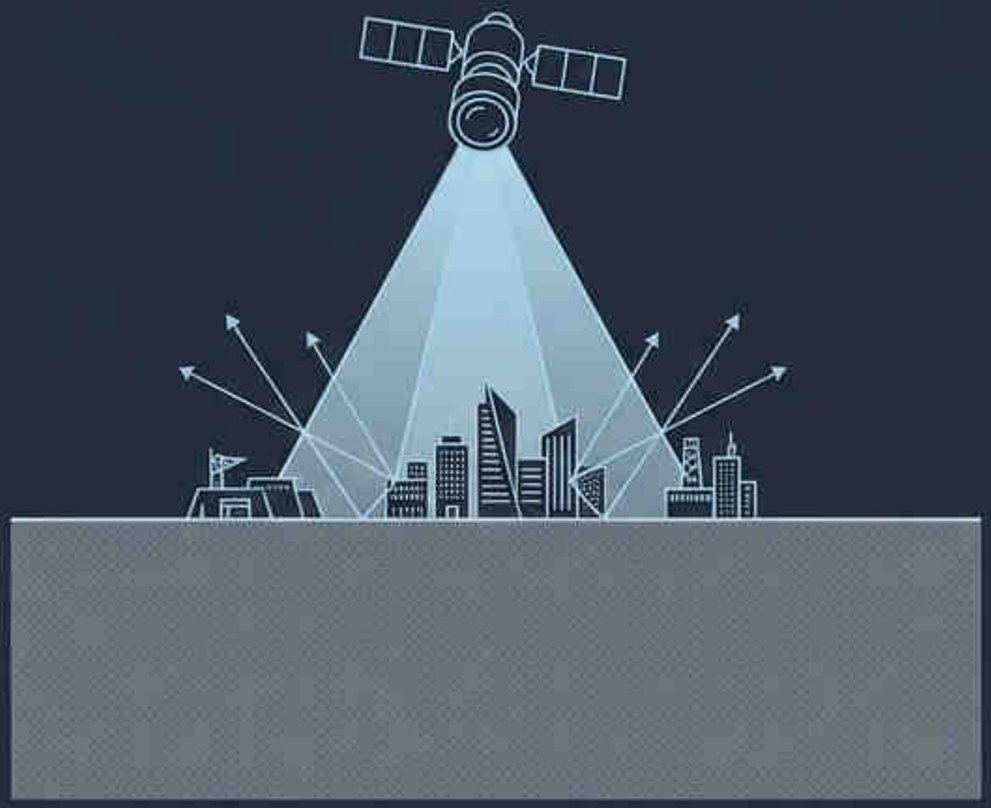
RSS NMR

Elevation axis

35,786 km

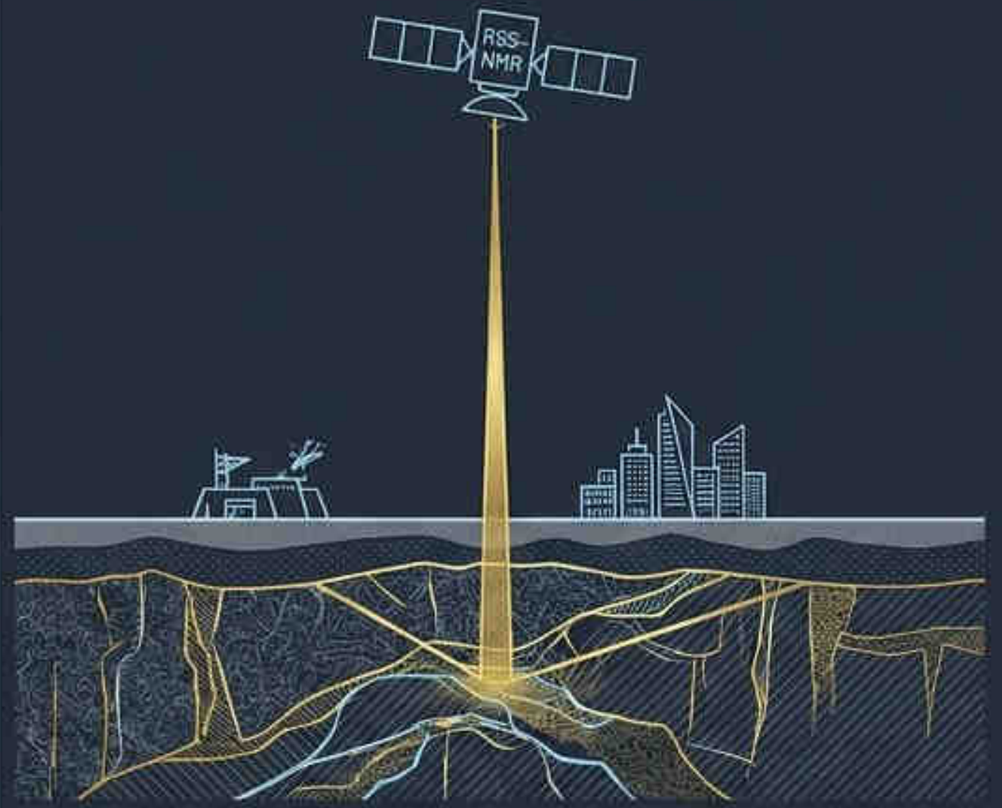
0 km

Optical Imagery (Restricted)



While the satellite's presence is legal, nations can heavily restrict or censor the diffusion of sensitive surface images depicting military zones or critical infrastructure.

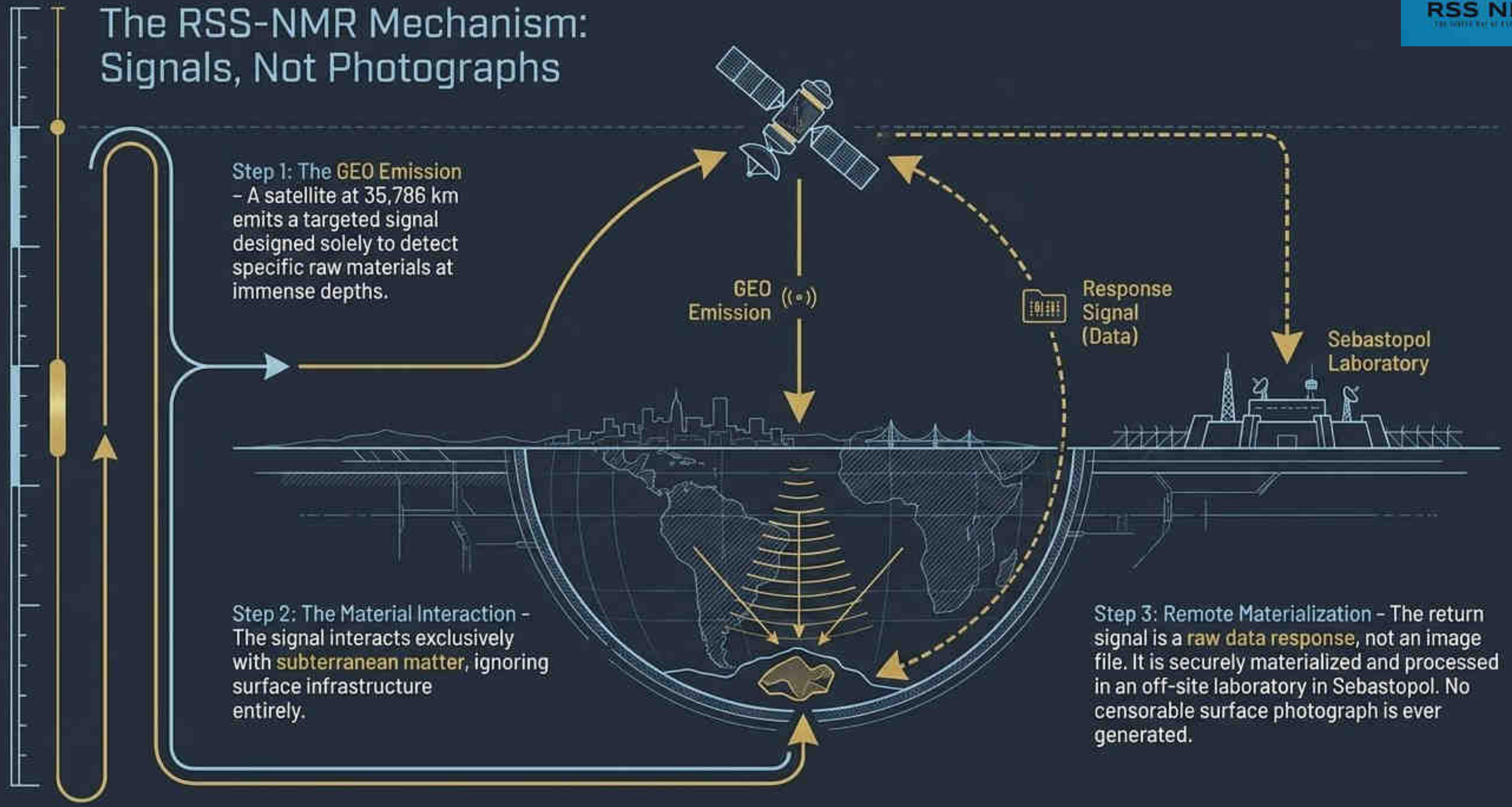
Active Subsurface Signaling (Unrestricted)



Subsurface observation is NEVER considered illegal because it does not constitute material photography. The signal interacts strictly with raw underground matter.

RSS NMR

The RSS-NMR Mechanism: Signals, Not Photographs



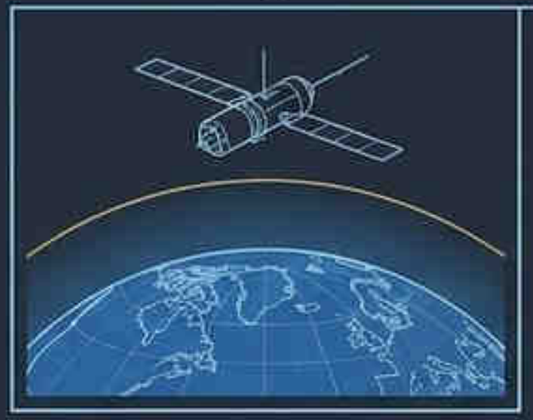
Step 1: The GEO Emission – A satellite at 35,786 km emits a targeted signal designed solely to detect specific raw materials at immense depths.

Step 2: The Material Interaction - The signal interacts exclusively with subterranean matter, ignoring surface infrastructure entirely.

Step 3: Remote Materialization - The return signal is a raw data response, not an image file. It is securely materialized and processed in an off-site laboratory in Sebastopol. No censorable surface photograph is ever generated.

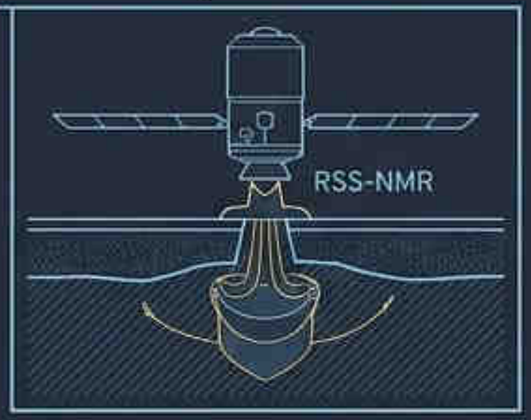
True Operational Freedom Requires Two Dimensions

Dimension 1: Vertical & Legal Immunity



Operating above the 100 km Kármán line (in GEO at 35,786 km) completely negates national airspace sovereignty and overflight restrictions via the 1967 Outer Space Treaty.

Dimension 2: Technological & Data Immunity



Utilizing RSS-NMR signal-response diagnostics instead of optical photography completely negates censorship and restrictions.

Complete Operational Freedom

By stacking these two realities, RSS-NMR operates in a unique, doubly-protected legal vacuum —untouchable by airspace regulators and surface censors.

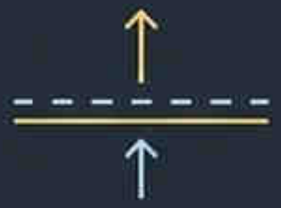
Vertical Altitude

Vertical Altitude

Technological Methodology

Executive Conclusion

RSS-NMR subsurface scanning from Geostationary Orbit is a fully legal, unregulated observation framework protected by international space law.



Beyond Sovereignty

Operations at 35,786 km require zero national authorization.

Beyond Censorship

Non-photographic signal data cannot be legally restricted as sensitive surface imagery.

Secure Data Chain

Raw material responses are securely materialized offshore in Sebastopol, guaranteeing unimpeded data access.


Made in Russia

CERTIFICATE OF CONFORMITY

СЕРТИФИКАТ СООТВЕТСТВИЯ

Valid from

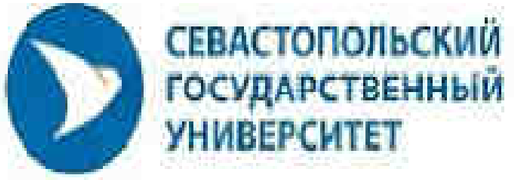
Applicant/Manufacturer:

Products:

Certificate is issued on the basis of:


СЕРТИФИКАТ СООТВЕТСТВИЯ

ПЭ



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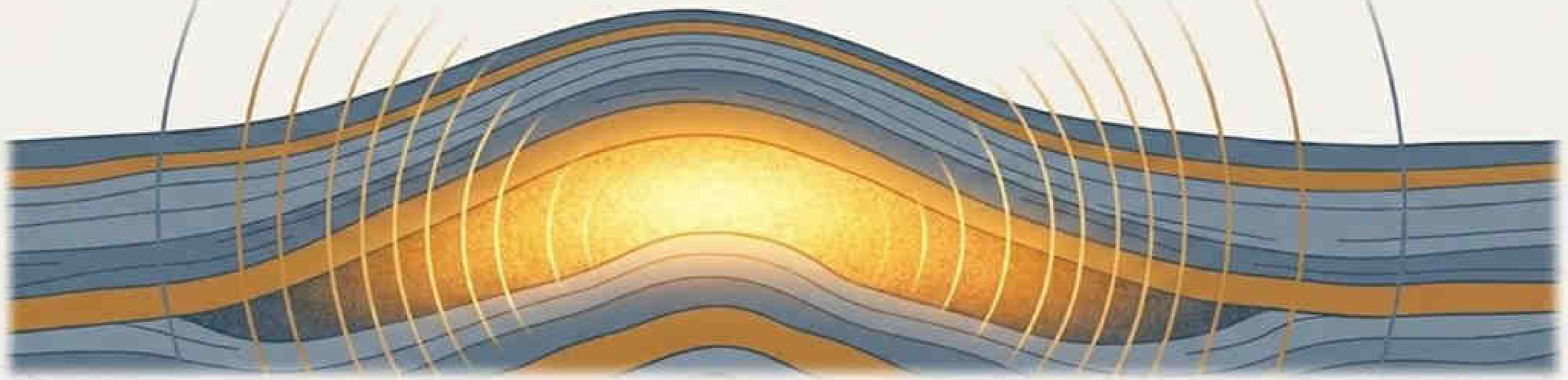
- In Charge: World

Stop searching for anomalies.
Start finding hydrocarbons.

RSS/NMR technology represents a fundamental change in exploration.
It is the transition from a game of probabilities and high risks to a discovery process based on data and high certainty.



The future of exploration is not in interpreting shadows better, but in turning on the light.

RSS NMR
THE SIMPLE WAY OF EXPLORATION

VERSATILITY OF APPLICATION

HYDROCARBONS

Oil

Gas

Condensed

PRECIOUS METALS AND BASES

Gold

Copper

Lithium

Nickel

STRATEGIC

Uranium

Diamonds

Coal

WATER RESOURCES

Drinking Water

Underground

Geothermal

The technology eliminates false positives by identifying the specific type of mineral.