

LUNASONDE

MRI for Planet Earth



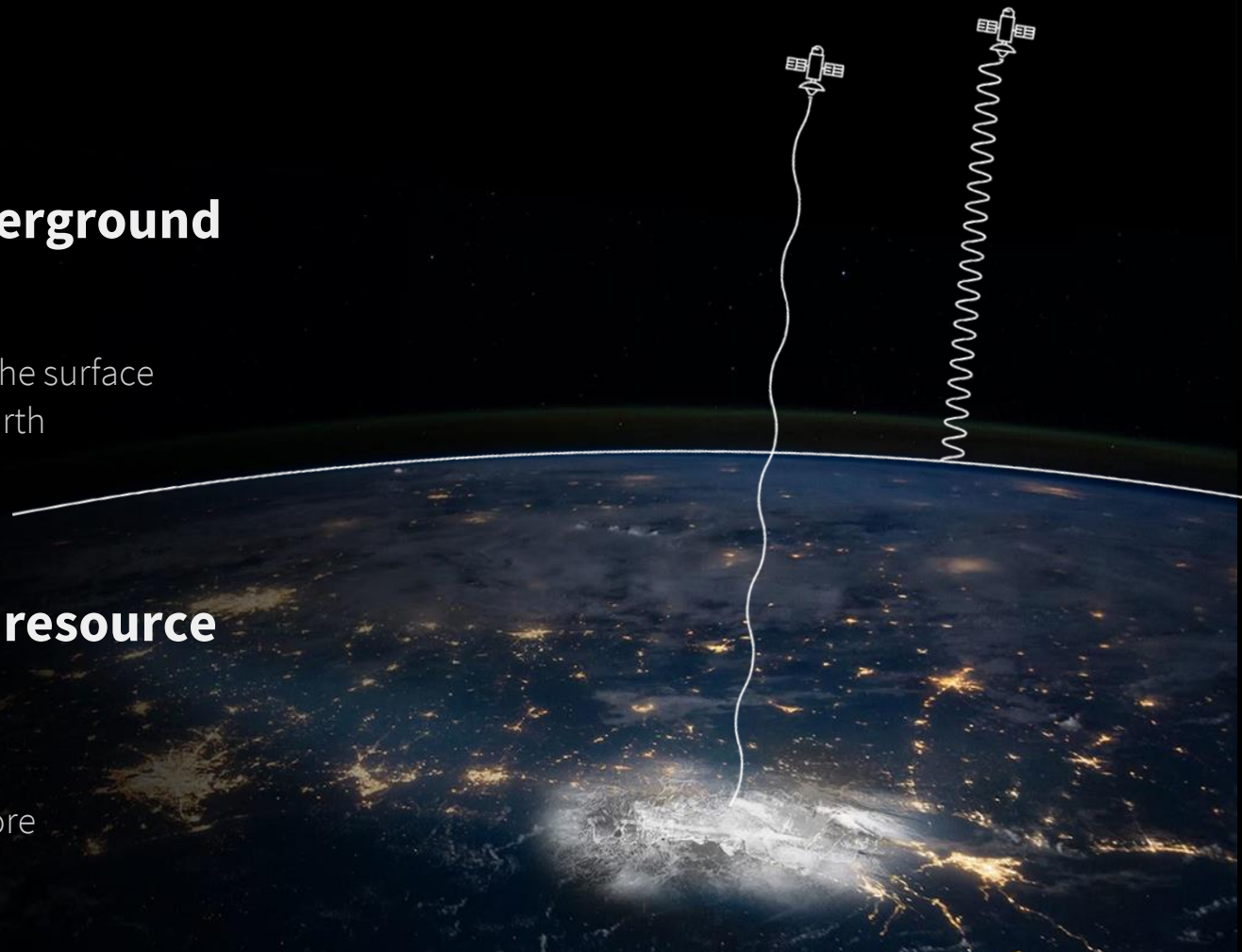
LUNASONDE

Making the underground world visible

First true 3D map below the surface
MRI scanner for planet earth

Next frontier in resource exploration

See 15,000x deeper
Data never collected before

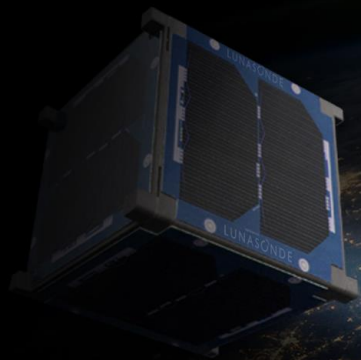


| Water and minerals power our world, but we're permanently altering the planet to find them

| Currently, there is no sustainable way to locate them and no scalable way to map them

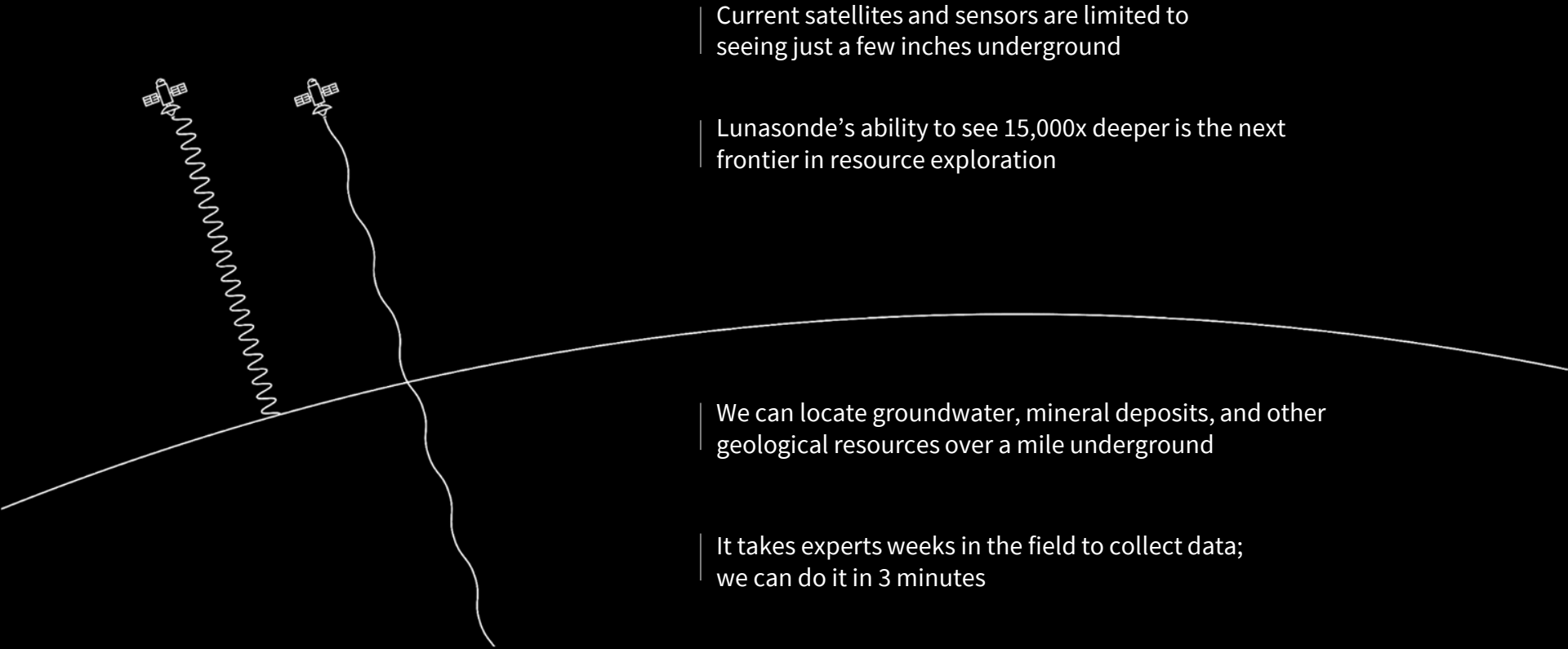


Lunasonde is pioneering subsurface imaging while providing a sustainable approach to resource exploration



Through ultra low frequency radar, we collect data that no one else has

Our constellation of 7 satellites will be capable of creating a new map of the underground world every 2 weeks



| Current satellites and sensors are limited to seeing just a few inches underground

| Lunasonde's ability to see 15,000x deeper is the next frontier in resource exploration

| We can locate groundwater, mineral deposits, and other geological resources over a mile underground

| It takes experts weeks in the field to collect data; we can do it in 3 minutes

| Our solution is now possible because of advancements in three different areas



Science: Miniaturization via metamaterials

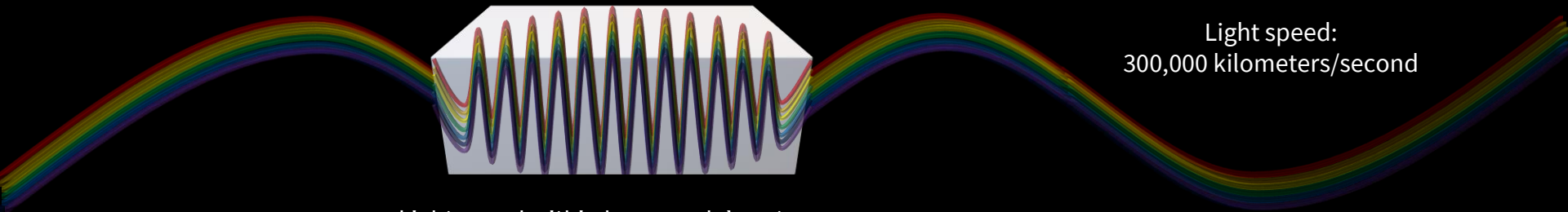


Space: Low-cost rideshare programs



Data: Fast and affordable mass data processing

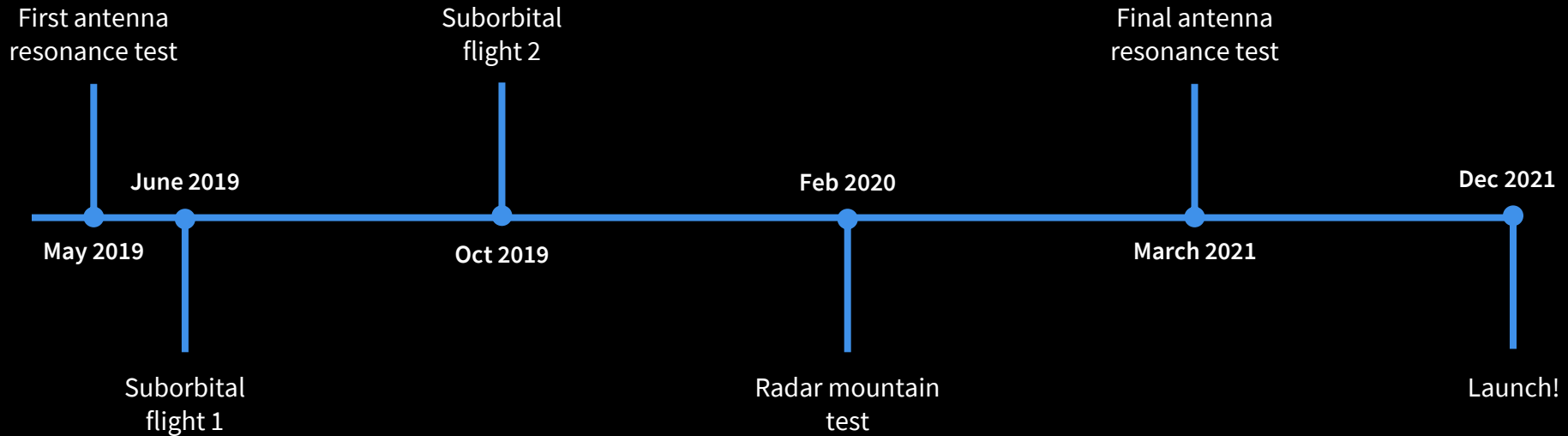
We created the world's first ultra low frequency miniaturized antenna by developing a metamaterial that slows down the speed of light by a factor of **600,000x**



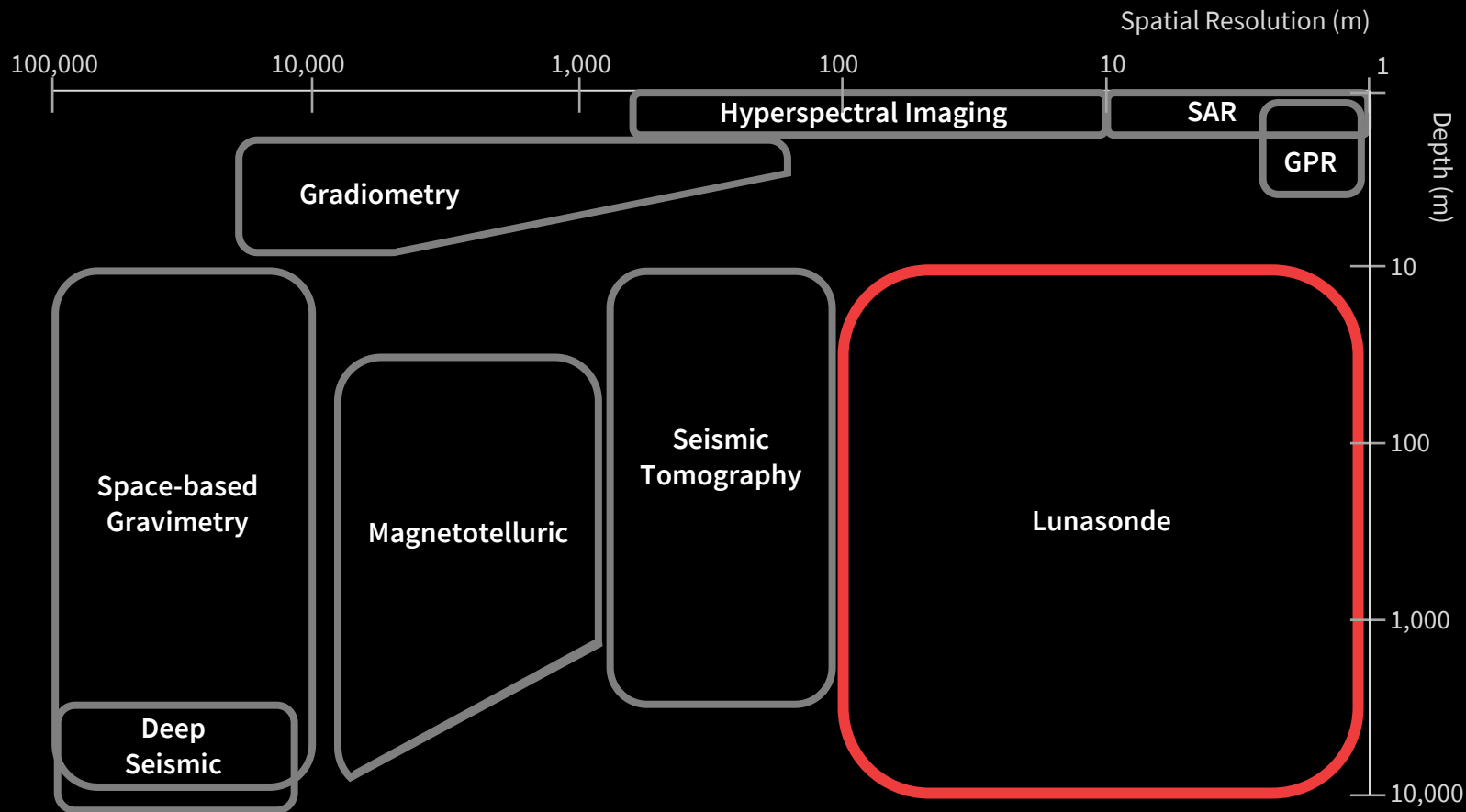
Light speed:
300,000 kilometers/second

Light speed within Lunasonde's antenna:
500 meters/second

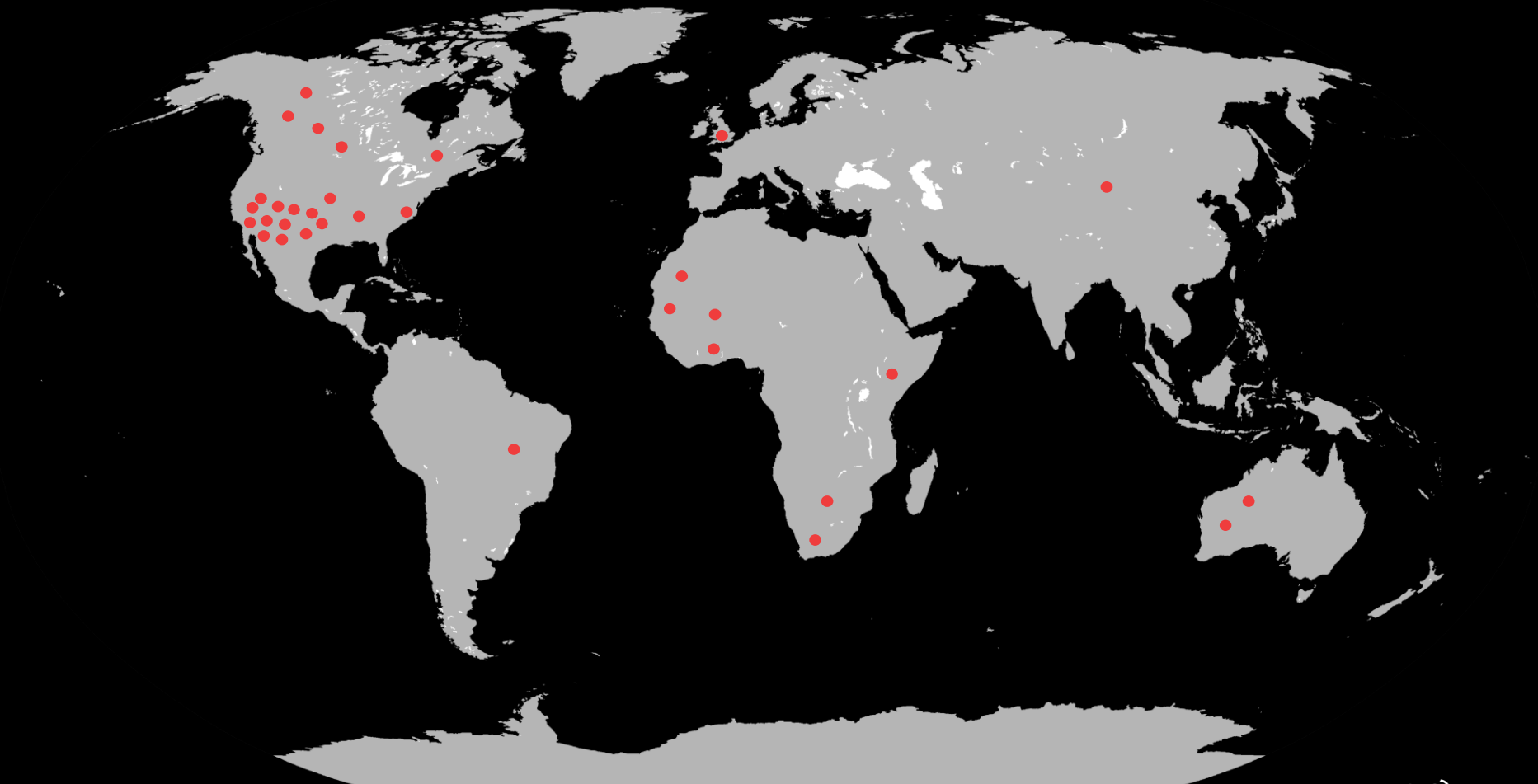
Lunasonde has conducted multiple tests to de-risk our antenna technology and radar capabilities as well as ensure space worthiness of our satellite



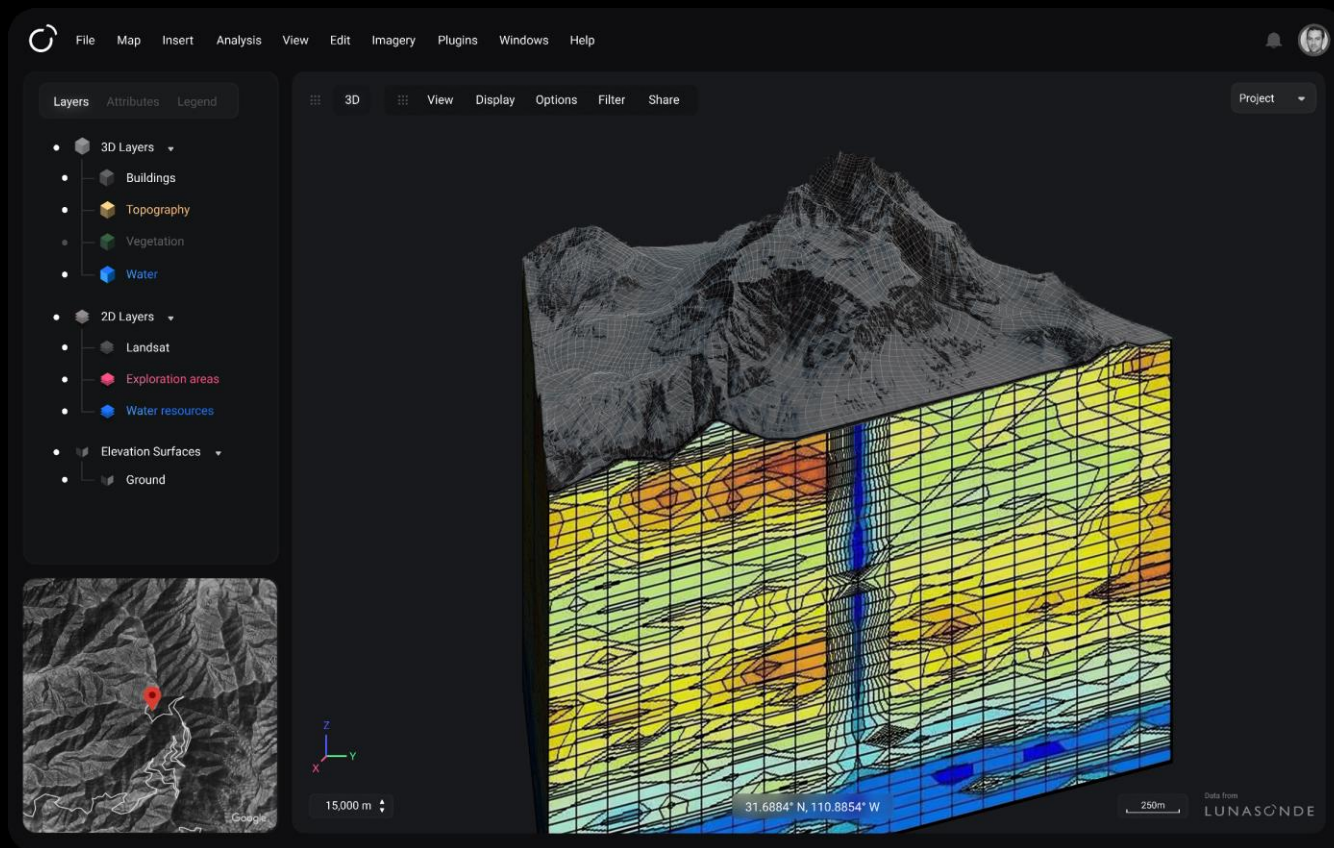
| We provide superior resolution at depth compared to other subsurface imaging technologies



| We have interested customers on 6 continents



| And we'll deliver a true 3D image to them



Our initial focus is the global
geophysical services market



\$15B

Geophysical services market



7.8B

People who need
access to water



7%

Geothermal potential
tapped so far



2,300+

Active mineral
exploration sites



14,000+
















Infrastructure
projects



4.5B

Metric tons of
oil used yearly

But with a technology so unique, the sky is the limit

CURRENT FOCUS: LOCAL PROJECTS			NEXT: GLOBAL DATA PROVIDER			VISION: NEXT FRONTIER	
							
Water resources	Geothermal	Mining	Earth observation	Archaeology	Real estate	Moon	Mars
							
Oil & gas	Infrastructure	Defense	Hedge funds	Insurance	ESG data	Asteroids	

| We have a lot planned over the next 18 months

	COMPLETED MILESTONES	6 MONTH MILESTONES	18 MONTH MILESTONES
TECHNOLOGY	Ground-level testing	First project-based data sets	First global data sets
LAUNCHES	Suborbital launches	First launch	Constellation of 7 satellites
PLATFORM	Algorithm development	Initial launch projects and customers	Fully operational in multiple markets
PEOPLE	Core team	+ Geophysicist + Engineer	+ Sales staff + Tech lead

- | The team at Lunasonde has combined decades of experience in space exploration
- | Two of us even have asteroids named in honor of our work



Jeremiah Pate
Founder & CEO



Asteroid 34104
Jeremiahpate



Dr. Aleia Bucci
COO



Scott Tucker
Spacecraft Engineer



Asteroid 144716
Scotttucker



Vince Jenkins
Systems Engineer

| We're raising funds to rapidly bring our solution to market

7 satellites in space =
2-week data refresh rate =
10 customers =
+7 staff = **\$2.3M**

Join us as Lunasonde takes off!



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