



PLANETARY
RESOURCES™



Mission and Vision

- Establish a new paradigm for resource utilization that brings the solar system within humanity's economic sphere-of-influence
 - Lead industry in the environmentally and economically sustainable development of space to ensure humanity's future on Earth and beyond
 - Develop technology and systems to enable low-cost commercial exploration of the solar system
 - Create the asteroid mining and space resource industry



April 24th - Launch Press Event

- Over 70M US television viewership
- Web: 5 Billion Unique Visitors Monthly (UVM) world-wide, Huffington Post, Drudge Report and Twitter
- Print: Thousands of articles, including Wall Street Journal, New York Times, USA Today
- Video: Hundreds of broadcasts, including Fox Business News, Good Morning America, Discovery, Bloomberg



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Personal Response

- 2,000+ job applications
- 5,000+ emails
- 15,000+ on email lists
- 2,500+ investment requests
- 250,000+ YouTube views



People are talking

A sampling of the public response we've gotten since our announcement.

*"This is nothing short of the best thing ever.
We are living in the future!" -Ethan J.*

*"I'm proud of being alive at times
like these... :-)" -Ricardo K.*

*"Thank you for giving our
generation a reason to aim
at the stars." -Justin B.*

*"This might be the most
important project since the
Apollo Program." -David R.*

*"Finally, some bold,
practical, forward thinking
progress." -James W.*

*"I am tearfully joyous that this company now exists.
I felt that a resource strapped humanity will always
look inward and drive global conflict. Thanks to you,
humanity has an outward looking hope." -David R.*

"Absolutely visionary stuff." -Nayen P.

*"Amazing, inspiring, breathtaking... These words don't
do justice to how incredible this venture is. You carry
Humanity's future on your shoulders. Myself, and
countless others I'm sure, will help in any way we can!"
-Christopher B.*

*"I love you all. So much.
Thank you for inspiring
me to go back to school."
-Malcom L.*



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Why asteroids? Why now?

The technology now exists to access resources from Near Earth Asteroids.

We are pursuing this business because:

1. The opportunity for huge financial returns exists
2. Access to space resources is critical to human settlement of the solar system
3. Access to space resources are critical to humanity's continued growth and prosperity on Earth
4. It's fun!



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Present and Future Asteroid Value

- ✓ Science Data - \$100s of Millions per year
 - Over the last 10 years, more than \$1 B has been spent by governments on asteroid missions



- ✓ Material Resources - \$100s of Billions per year

- ✓ Survival of the Species - Priceless!



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Advisory Board



James Cameron is a film director, producer, editor, screenwriter, environmentalist, explorer. He is as committed to the exploration of space as he is to the exploration and conservation of the oceans.



Dr. Thomas D. Jones is a scientist, author, pilot, and veteran NASA astronaut. *"Asteroids are natural stepping stones to future exploration and a sustained human presence in space."*



General Michael Moseley (Ret. USAF), 18th Chief of Staff of the Air Force and Member of the Joint Chiefs. Chairman Gulf Alliance Co.



Dr. Mark Sykes is the Director of the Planetary Science Institute, Co-Investigator on the NASA Dawn mission to Vesta and Ceres and is Chair of the NASA Small Bodies Assessment Group.



David Vaskevitch
Former CTO, Microsoft
"We all need exciting goals, hard problems to focus on, and great people to work with. Planetary Resources, in the most amazing way, is about all three."



Matthew Grob
Executive VP and CTO, Qualcomm. Matt is responsible for the oversight of Qualcomm's technical path, the coordination of R&D activities across the company and the development of next-gen wireless technologies.



Dr. Sara Seager is a professor of physics and planetary science at MIT, focused on the search for planets like Earth.



John K. Villa is a partner at Williams & Connolly LLP. *"Who hasn't looked into the night sky and wanted to travel out from Earth. It is a privilege to be a part of this enterprise that is devoted to doing so."*





“Planetary Resources is definitely a great example of ‘Having a healthy disregard for the impossible.’ ”

Larry Page

“The pursuit of resources drove the discovery of America and opened the west. The same drivers still hold true for opening the space frontier. I’m involved with Planetary Resources Corporation because expanding the resource base for humanity is important for our future.”

Eric Schmidt



“I am an investor in Planetary Resources, first and foremost, because I believe in the team behind it. I’m honored to be on the ground floor with a team that possesses this caliber of expertise, vision, drive and history of success.”

H. Ross Perot, Jr.

“The commercialization of space began with communications satellites and is developing for human spaceflight. The next logical step is to begin the innovative development of resources from space. I’m proud to be part of this effort.”

Charles Simonyi



“I see the same potential in Planetary Resources as I did in the early days of Google. Some might look at asteroid mining and ask ‘What if it fails?’ I like to consider the possibility of ‘What if it succeeds!’”

K. Ram Shriram



Our Approach

Develop disruptive technologies for deep space exploration and resource exploitation

- Leverage exponentially growing technologies to build increasingly-smaller, cheaper and more capable spacecraft
- Achieve redundancy and risk reduction using multiple spacecraft, and simple designs
- Build general-purpose machines, not highly-optimized ones (Fords, not Ferraris)
- Fly frequently enough to iterate approaches

Incorporate recent, untapped commercial innovation into space applications



Arkyd Spacecraft Line

Arkyd 100 Series

Arkyd 200 Series

Arkyd 300 Series

Prospecting Development Roadmap

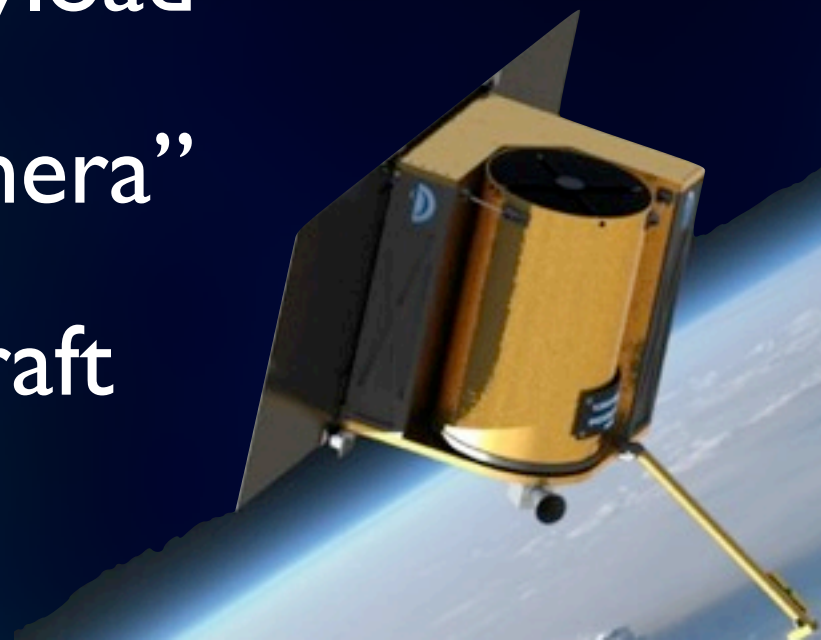
Arkyd-100s: Core technology in low-Earth orbit as a commercial space telescope

Arkyd-200s: Initial visits to Earth-crossing asteroids with propulsive platform

Arkyd-300s: Swarm expeditions to NEOs with multiple spacecraft, multiple targets, using laser communication

The Arkyd-100 Series

- An asteroid rendezvous development platform in Earth Orbit
- Components sourced from non-defense, non-aerospace vendors wherever possible
- Designed, fabricated, assembled, tested and operated by expert team in Bellevue, WA
- Launched as a ride-share payload
- General purpose “space camera”
- One instrument per spacecraft



What we are doing different

- Moving towards a vertically integrated development, manufacturing, coding, and AI/ML capability
- Working aggressively to hire, which was our primary motivation for announcing the company
- We are cash-flow positive from the start, and our strategic plan generates sustaining revenue at each step
- Reinventing deep space exploration capability, enabling a dramatically lower cost to entry
- “Capability driven” by team size



Relating to other efforts:

NASA:

- Couldn't be doing this without the groundwork laid by NASA and other government exploration
- Charting our own course, but happy to help where we're asked

Google Lunar X-Prize, and Lunar Resource Companies:

- That's the Moon. We think there's an opportunity for us in Near Earth Asteroids

B612 Foundation - Sentinel

- Love it! Can't wait to see the data return
- Considering ways to collaborate

Terrestrial observation campaigns

- Evaluating opportunities for participation and support



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Public Engagement

- Engaging the “crowd” in the last few weeks on ideas for participation
- Planning several additional announcement and opportunities this summer
- Will be developing communities to participate and focus on a wide-range of topics from technical, to tax code and everything in between
- Especially supportive of co-operative education, and competitive educational engagement

Near-Future Considerations

- Looking for “just the right kind” of planetary scientist to add to our staff
- Establishing capability that contributes back to the scientific community
- Data analyses, curation, distribution. Not a PDS, but closer to a MPC maybe with some elements of GalaxyZoo
- How “proprietary” will our data be?



Arkyd Astronautics?

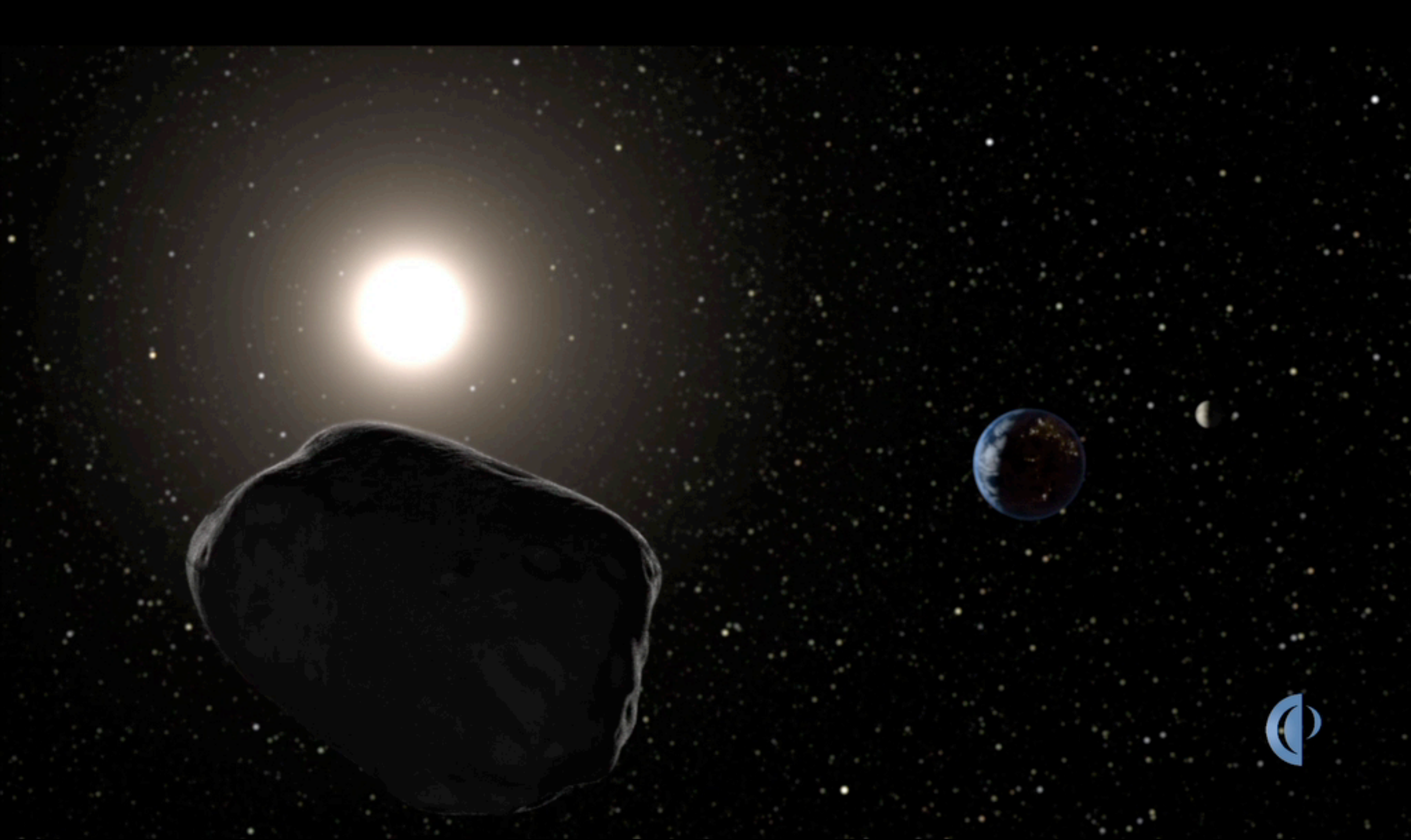
- Arkyd Astronautics is a wholly-owned subsidiary of Planetary Resources.
- Same Board, Staff, Investors, etc.
- “Code-name” for the company while we were operating in stealth mode
- See our blog post for “origins story”
 - <http://goo.gl/Qdtze>



Interested in updates?

Web	http://www.planetaryresources.com/
Community Email List	<u>http://eepurl.com/k_g8l</u>
Google+	<u>http://gplus.to/PlanetaryResources</u>
Twitter	@PlanetaryRsrcs
Facebook	<u>http://www.facebook.com/PlanetaryResourcesInc</u>
YouTube	<u>http://www.youtube.com/user/PlanetaryResources</u>

Watch for announcement of opportunities to participate soon!



We're going to change the way the world thinks about natural resources



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