

# Asteroid Mining

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## Overview:

History:

Plan and implementation:

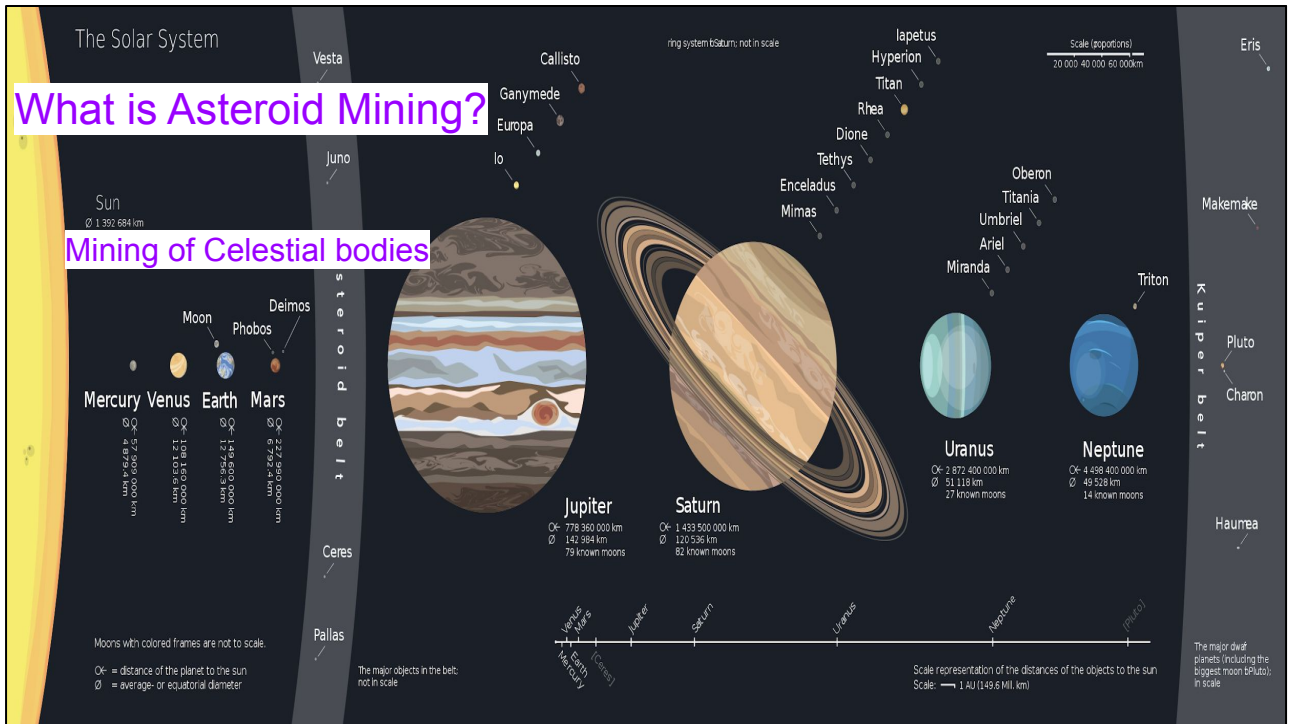
Pros:

Cons:

Summary:

References:

These are the things that we are going to be going over.



They are most likely going to be close to Earth so that we can like actually get to them

## History:

**1969-72: US Apollo**

**2005: Hayabusa**

**2015: US space-mining law**

**2016: Luxembourg**

**2017-present: Luxembourg-space mining law**



**1969-72: US Apollo missions bring back moon rocks**

**2005 Hayabusa: recovers dust from itokawa asteroid**

**2015: US space mining law is the framework for asteroid mining**

**2016: Luxembourg builds on the 2015 legal precedent**

**2017-present: Luxembourg-space mining law and follow-up agreements basically just relaxes restriction on private company mining operations beyond earth.**

## Plan and Implementation

Mining plan

Make it to asteroids

Harvest and return



We plan to mine Trillions of dollars worth of ores.

We need to invest in machinery that can make it to the asteroids.

We also need machinery that can harvest and return these ores back to Earth.

## Estimated Value:

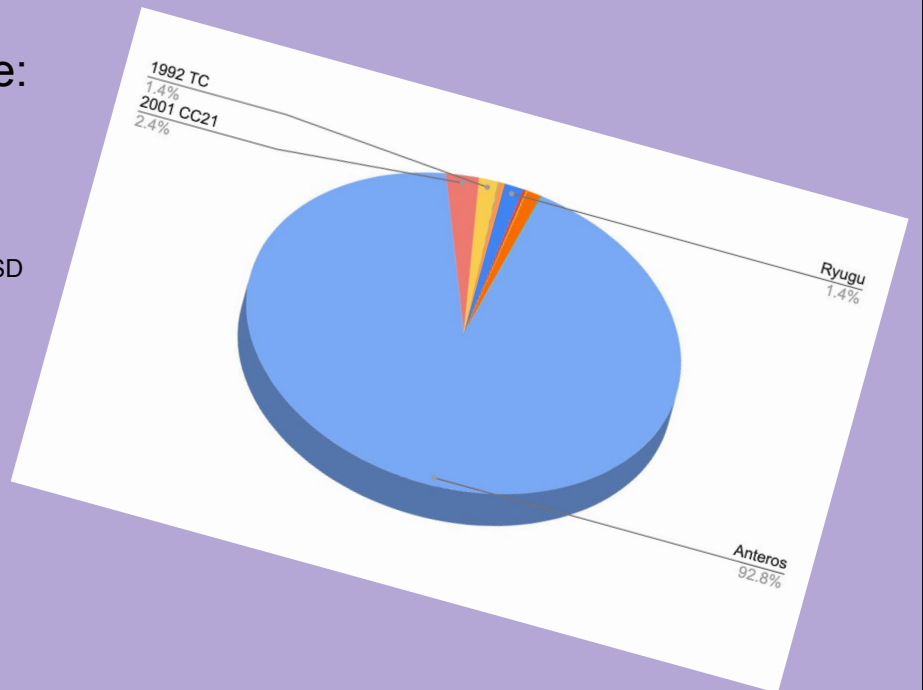
Anteros: 5.57 Trillion USD

Ryugu: 83 Billion USD

2001 CC21: 141 Billion USD

1992 TC: 84 Billion USD

Others:  $\approx 2\%$



## PROS:

Takes away stress

More resources

exploration of our solar system

more jobs



Would take stress off of Earth

More resources, for more riches

Enables larger scale exploration of our solar system

Brings more jobs opportunities



## CONS:

Contamination

Destroys our environment

Very hard to build

costs a lot of money



Could Contaminate the environment

Destroys our environment when we try to build  
mining rigs

Very hard to build this technology

Will cost a lot of money to build and fund this stuff



## Summary:

High cost

Very effective

A lot of jobs

Could help mankind



It costs a lot of money but its possible, It is very effective and would allow us to make a lot of money, it helps bring a lot of jobs, would help mankind and could help extend the longevity of our race.

## References

[History of Space Mining: 5 key events](#)

[Unlimited Resources From Space - Asteroid Mining](#)

[Pros and Cons of Asteroid Mining](#)

Thank you for allowing me to present.