



Astromaterials Acquisition and Curation Office
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### Astromaterials Acquisition & Curation Office

#### Our Past 52 years . . . . .

#### Lunar

(est. 1969)
Apollo program lunar rocks and soils and a subset of Soviet Union Luna program lunar material (est. 1971)



#### **Meteorites**

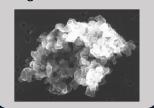
(est. 1977)
Antarctic Search for Meteorites (ANSMET) program



#### **Cosmic Dust**

(est. 1981)
Cosmic dust grains
collected in the Earth's
stratosphere from

high altitude aircraft



## Microparticle Impact

(est. 1985)
Space exposed hardware from science missions



#### **Genesis**

(est. 2004)
Genesis mission
collected solar wind
samples at Earth-Sun



L1 point

#### **Stardust**

(est. 2006)
Stardust mission
collected cometrary
and interstellar
samples at Comet
Wild 2



#### Hayabusa

(est. 2012)
Subset of samples
collected from JAXA
asteroid mission to



#### Our Future . . . . .

#### Hayabusa II

(Dec. 2020)
Subset of samples collected from JAXA asteroid mission to (162173) Ryugu



#### **OSIRIS-REX**

(Sept. 2023)
Asteroid sample
return from (101955)
Bennu



#### **Artemis**

(~ 2024 +)

Human Spaceflight
To the Moon



#### **MSR**

 $(\sim 2029 +)$ 

Mars Sample Return Mars 2020 Launch

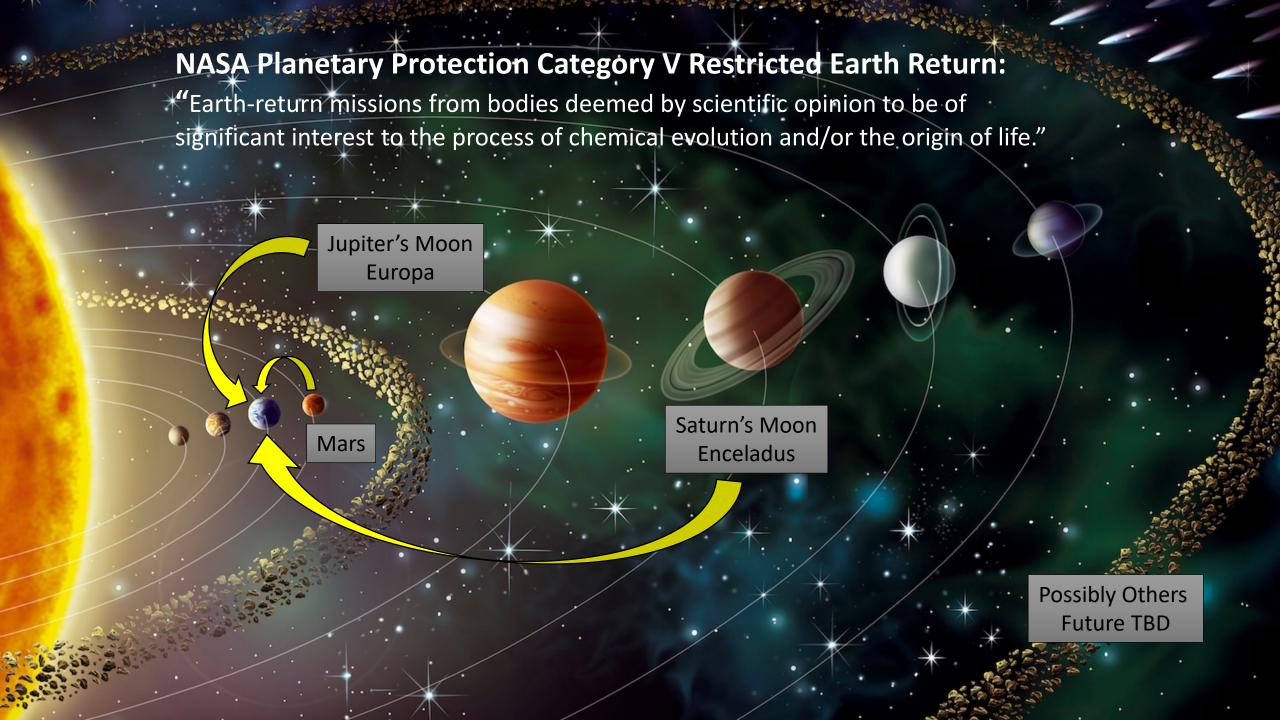




# Future Solar System Missions

(HEOMD & SMD)

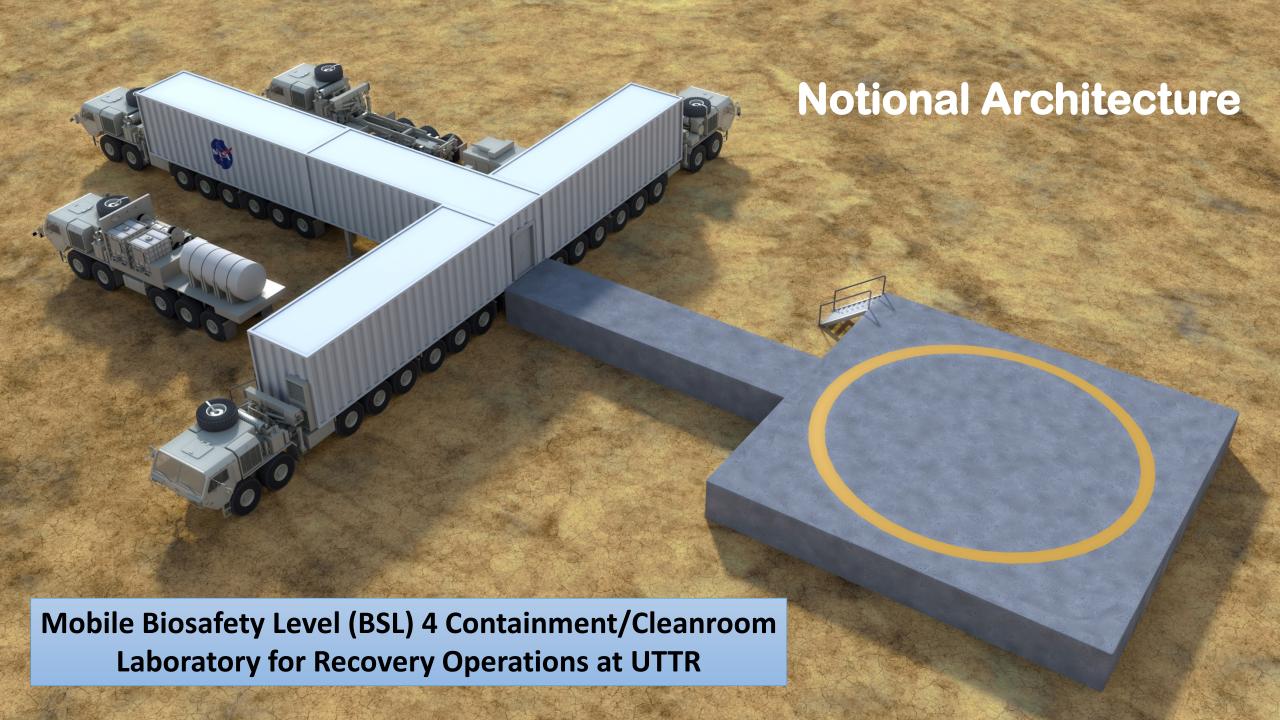
Planets, Moons, Asteroids, Comets, Place Holder

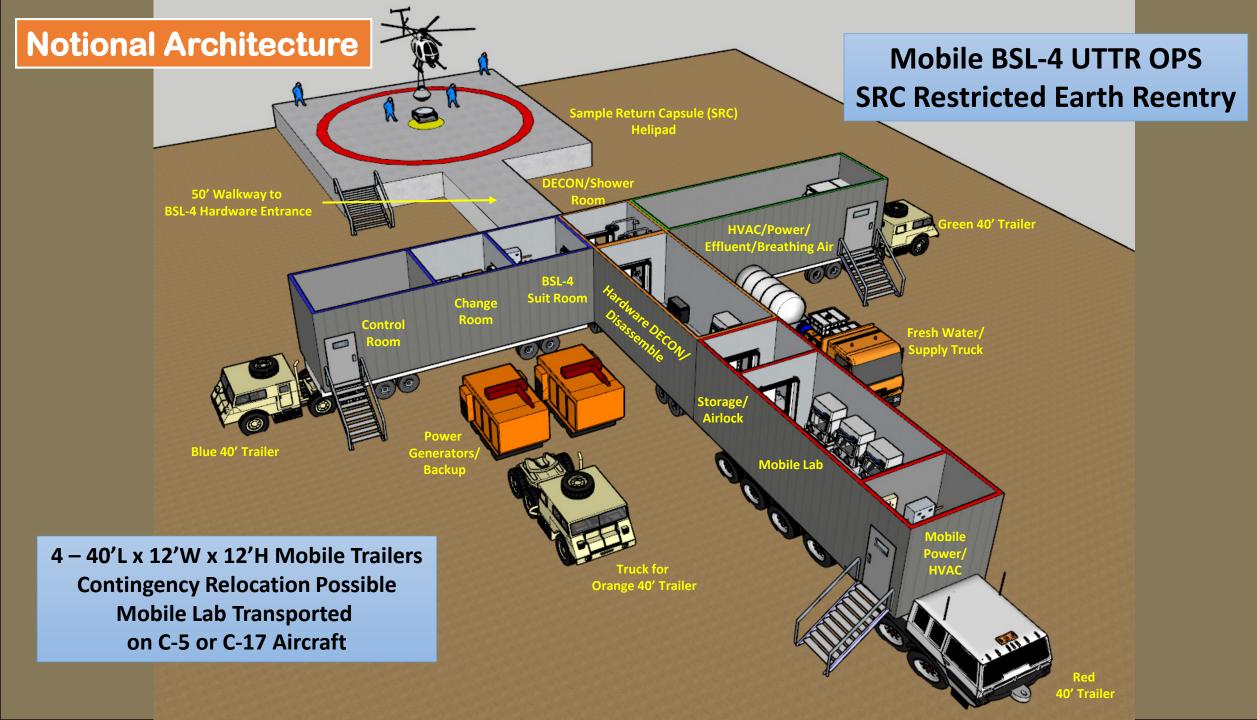












## Insert 5 min. Movie

