

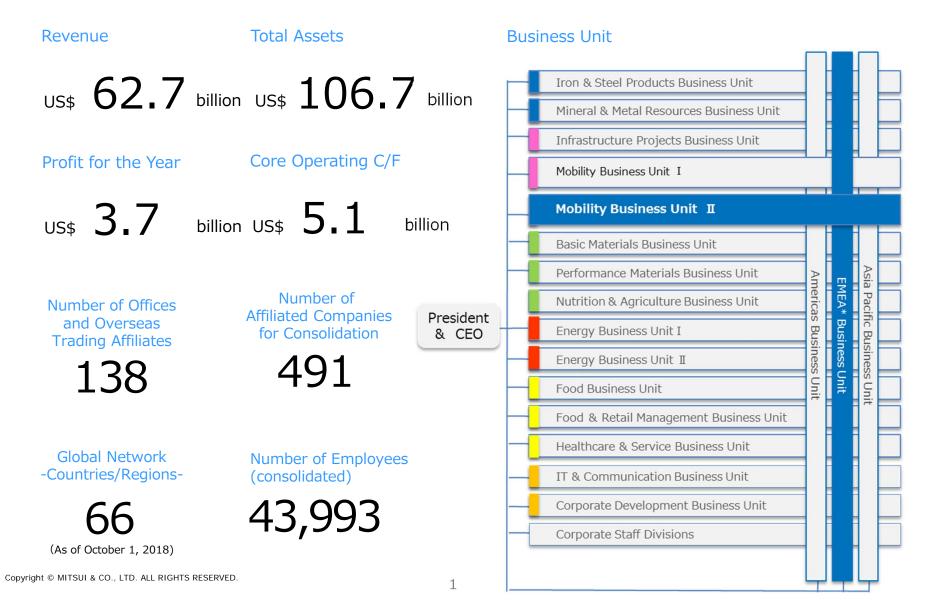


MITSUI & CO.

November, 2019

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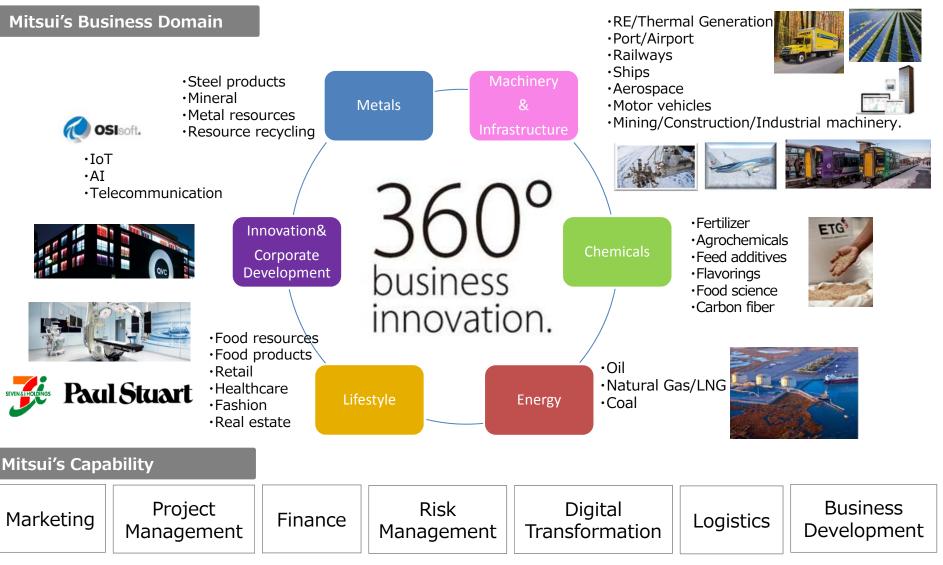
Mitsui at a Glance

### Mitsui's Business Areas and Key Function

Providing new value across a wide range of industries, leveraging our business engineering capabilities and diverse experience.



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## Mitsui's Space Business

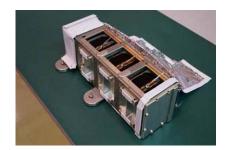
#### CubeSat Deployment Service from ISS

Provide deployment service from International Space Station Japanese Experimental Module "Kibo" for CubeSat. This Project is JAXA's first privatization of its ISS service.

- > Overview of Deployment Service:
  - Inclination: 51.6[deg]
  - Altitude: under 400km
  - Applicable size: 1U~6U and 50kg class
  - Launch Timing: Quarterly
  - Launch Site: Japan and US
- > Our Service:
  - Procuring launch schedule
  - Supporting safety review
  - Performing Integration
  - Logistics service
  - Launch and Deployment by JAXA









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## Mitsui's Space Business<sup>2</sup>

#### Spaceflight, Inc. (SI)

- HQ : Seattle, WA USA(established in 1999)
  - Business : 1) Rocket ride share business 2) Earth Observation business (Blacksky)
- Overview of the business
  1) Rocket ride share business :
  - 2) Earth Observation business (Blacksky) :

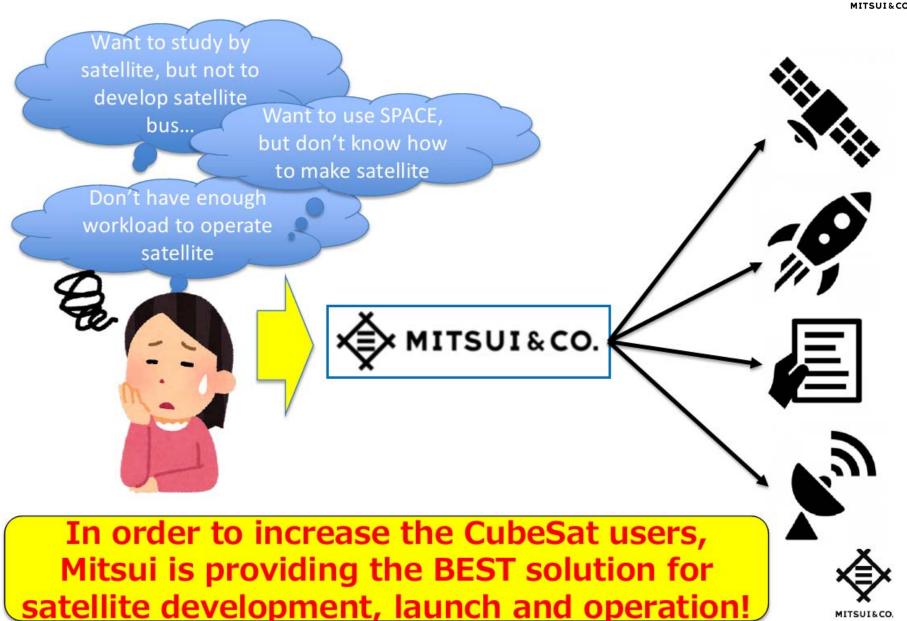






#### **One Stop Service**





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### <Ref.>Launch Schedule(until 2021 1Q)



Launch plan	Spacecraft	Launch site
May, 2020	HTV	Japan
Aug, 2020	Space X/Dragon	US
Oct, 2020	NG/Cygnus	US
Jan, 2021	SpaceX/Dragon	US
The launch slot every quarter		



[Northrup Grumman/Cygnus]

**Company** Profile of MBA



## Mitsui Bussan Aerospace Co., Ltd.

- Established in April, 1982
- A 100% owned subsidiary of Mitsui & Co., specialized in sales and marketing in aviation and aerospace fields
- Approx.100 employees as of April, 2019
- Sales amount approx. US\$190M as of March 2019
- Overseas Offices
  - US Subsidiary: Dallas, TX
  - European Liaison Office: Milano, Italy
- Space business department was established on July 1st, 2019



Thank you!

# 360° business innovation.

