

A 360° view of the demand & supply related to the Earth observation data & services market

## **Earth Observation Data & Services Market**

Current dynamics & forecasts to 2029

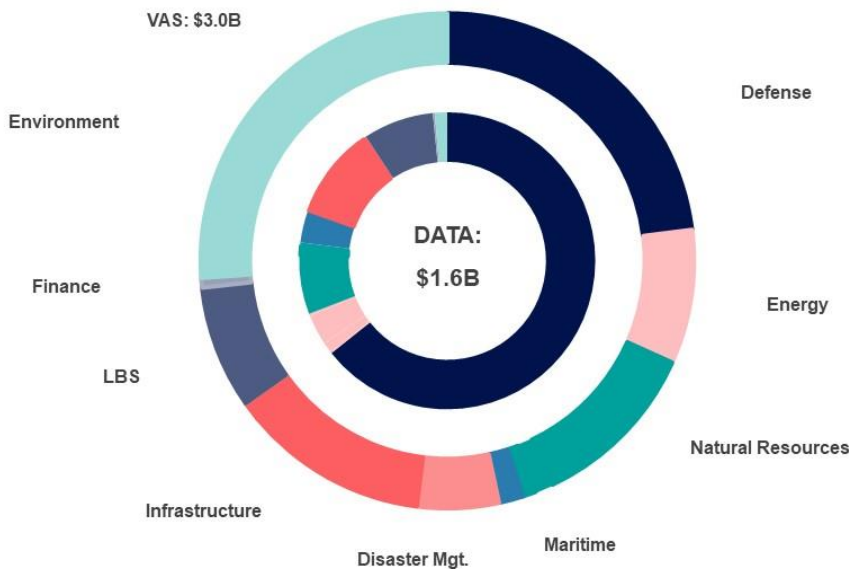
**2020 edition**

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# GLOBAL MARKET FOR COMMERCIAL EARTH OBSERVATION DATA & SERVICES TO REACH \$8 BILLION BY 2029, GROWING FROM \$4.6 BILLION IN 2019

## DATA AND SERVICE MARKET: 2019



The research, “*Earth Observation Data & Services Market*,” provides in-depth analysis of Earth Observation (EO) satellite systems, commercial EO data, and the value-added services that contribute to the sector. With a global market projected to reach \$8 billion by 2029, growth is expected to be driven by a mix of defense and new commercial markets, supported by the arrival of new constellation operators with low-cost solutions.

In 2019, the total value of the industry was \$4.6 billion with the data market reaching \$1.6 billion and value-added services (VAS) contributing \$3 billion. Defense accounted for 64% of the data market, while environmental monitoring was the largest user of VAS.

The research addresses the demand dynamics for nine vertical markets, including: defense, infrastructure, environment, natural resource monitoring, energy, location-based services, disaster management, maritime and finance. It also provides analysis of the demand dynamics of eight regions: North America, Latin America, Europe, Russia and CIS, Asia, Southeast Asia and Oceania, Middle East and Africa. In addition, aggregated figures of the data market are also broken down by sensor type and resolution as well as by customer type: U.S. defense, non-U.S. defense, nondefense market.

More than 50 companies have announced their intention to develop Earth observing constellations, representing roughly 1,800 small satellites, the majority of which are under 50kg. This proliferation of new constellations results from a record year for fundraising in 2019, with more than \$800 million invested. These new constellations will compete with the incumbent players for lower accuracy and higher revisit rate data which is expected to put pressure on pricing.

As data price points come down, especially for one-meter ground resolution that can be leveraged for value-added services, the data market is expected to slow, despite increased usage.

The report includes profiles of more than 20 commercial operators including optical, hyperspectral, SAR, GPS-RO, GHG monitoring and RF monitoring. It also addresses satellite as a service as well as ground service supply and the role of High-Altitude Platforms and Unmanned Aerial Vehicles.



# ABOUT EARTH OBSERVATION DATA & SERVICES MARKET

A 360° VIEW OF THE DEMAND & SUPPLY RELATED TO THE EARTH OBSERVATION DATA & SERVICES MARKET

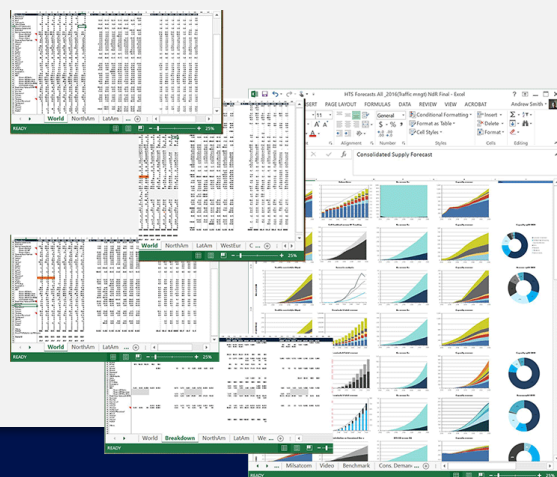
“Earth Observation Data & Services Market”, Current dynamics & forecasts to 2029 provides looks in particular at the assessment of the demand for imagery and value-added products of satellite technologies, including aerial survey and field survey as removing sensing levers, providing a 360° view of the demand & supply related to the Earth observation data & services market and how these trends will progress over the coming 10 years. The popular flagship *Satellite Based Earth Observation* research has been

To enable greater in-depth analysis of the Earth observation chain dynamics, Euroconsult releases two research products: “Earth Observation Data & Services Market” and “Earth Observation Satellite Systems Market”, focusing on the downstream and upstream, respectively.

## EXTENSIVE FIGURES & ANALYSIS FOR THE COMING DECADE

All Euroconsult research programs have, at their core, data derived from over 30 years of tracking all levels of the satellite/space value chain. To this we add dozens of dedicated industry interviews each year, along with the continual refinement of our data models, and the collection and interpretation of company press releases and financial filings. Our consultants have decades of experience interpreting and analyzing our proprietary databases in light of the broader value chain.

The research from Euroconsult contains thousands of data points and expert interpretation of what this means for specific verticals and sectors of the satellite value chain, including forecasts based on years of data and highly refined models.



### THE REPORT INCLUDES:

- ✓ Assessment of imagery & value-added satellite technologies products demands
- ✓ Drive/inhibit growth demand factors for EO data & solutions
- ✓ Data & services demand dynamics and forecasts by 2029 for nine vertical markets (defense, infrastructure, environment, natural resource monitoring, energy, location-based services, disaster mgmt., maritime & finance)
- ✓ Policies & regulations overview
- ✓ Profiles of main VAS providers

### BENCHMARK OF:

- ✓ Current & future optical, SAR & hyperspectral data capacities
- ✓ DSM solutions & impact analysis of open source imagery
- ✓ Service levels
  - Cloud computing-based services
  - Web-based data portants
  - Analytics services
  - Monitoring services

### +20 COMMERCIAL OPERATOR PROFILES:

- ✓ Optical
- ✓ Hyperspectral
- ✓ SAR
- ✓ GPS-RO
- ✓ GHG & RF monitoring

### A MUST READ FOR:

- ✓ Data resellers
- ✓ VAS providers
- ✓ Satellite operators
- ✓ Space agencies
- ✓ Remote sensing centers



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**NEW**

Euroconsult

## SPACE MARKET MONITORING

THE GLOBAL SPACE INDUSTRY MONTHLY DASHBOARD

EDITION 2020  
Space Market  
Monitoring  
SEPTEMBER



- 17 Key Performance Indicators (KPIs)
- 50 metrics
- Main industry events (contacts, M&As, partnerships & business events)
- Downloadable data source
- 5 market segments
  - Satellite manufacturing
  - Launch services
  - Satellite communications
  - Earth observation
  - Fund-raising



## EARTH OBSERVATION DATA &amp; SERVICES MARKET 2020 Edition

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Product	Price	Total
Earth Observation Data & Services Market 2020	€ 5,000	€
<b>Bundle with one of two other EO products</b> EO Satellite Systems Markets 2020; <i>or</i> EO4AG – Earth Observation for Agriculture	€ 8,000	€
<b>EO trio bundle</b> EO4AG – Earth Observation for Agriculture EO Satellite Systems Markets 2020 EO Data & Services Markets 2020	€ 10,000	€
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