Space Symposium Takeaways & A Thought to Share

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WHY?

SPACE SYMPOSIUM
SPACE FOUNDATION
April 17–20, 2023

#38Space
#SpaceFoundation
#SpaceSymposium

6 Continents represented by media
15 Heads of Agency
110+ Space Foundation employees
300+ Volunteers
1500 Gallons of coffee

14 Shuttle buses
30 Hotels occupied
14k Attendees
230+ Exhibits
260+ Speakers
38Space Takeaway Themes

• Confidence – Not Swagger
  • Success breeds assurance

• Dawn of Sustainability
  • New approaches wanted

• Creative Partnerships Wanted

• Diversity & Workforce Matter
WHY?
2022 Spacecraft Deployed

<table>
<thead>
<tr>
<th>Orbit</th>
<th>Number of Spacecraft</th>
<th>Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEO</td>
<td>2,268</td>
<td>~813,600 kg</td>
</tr>
<tr>
<td>GEO</td>
<td>25</td>
<td>~95,400 kg</td>
</tr>
<tr>
<td>MEO</td>
<td>10</td>
<td>~6,800 kg</td>
</tr>
<tr>
<td>Lunar orbit</td>
<td>6</td>
<td>~27,900 kg</td>
</tr>
</tbody>
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Products & Services

- Commercial Infrastructure and Support Industries: $138B
- Non-U.S. Government Space Budget: $47B
- Commercial Space Products and Services: $224B
- U.S. Government Space Budgets: $60B

Total Space Economy

- $271B
- $291B
- $344B
- $387B
- $424B
- $469B

Data from 2021, the most recent year data compiled.

Nations Operating in Space

Decade First Satellite Launched

- 1950s
- 1960s
- 1970s
- 1980s
- 1990s
- 2000s
- 2010s
- 2020s

Today, 91 nations have active satellites.

Artemis Accords

Nations have signed the Artemis Accords

Australia, Bahrain, Brazil, Canada, Colombia, France, Italy, Israel, Japan, Luxembourg, Mexico, New Zealand, Nigeria, Poland, Romania, Rwanda, Saudi Arabia, Singapore, South Korea, Ukraine, the United Arab Emirates, the United Kingdom, and the United States.

For more space facts, see The Space Report
Recent Yahoo Polling Numbers

DO YOU THINK SPACE MISSIONS ARE A GOOD USE OF TAXPAYER MONEY?

2020 VOTE

**BIDEN**
- Yes: 48%
- No: 32%
- Not Sure: 20%

**TRUMP**
- Yes: 46%
- No: 34%
- Not Sure: 20%

*Yahoo News / YouGov (March 16 - 20, 2023)*
Never Forget the WHY.