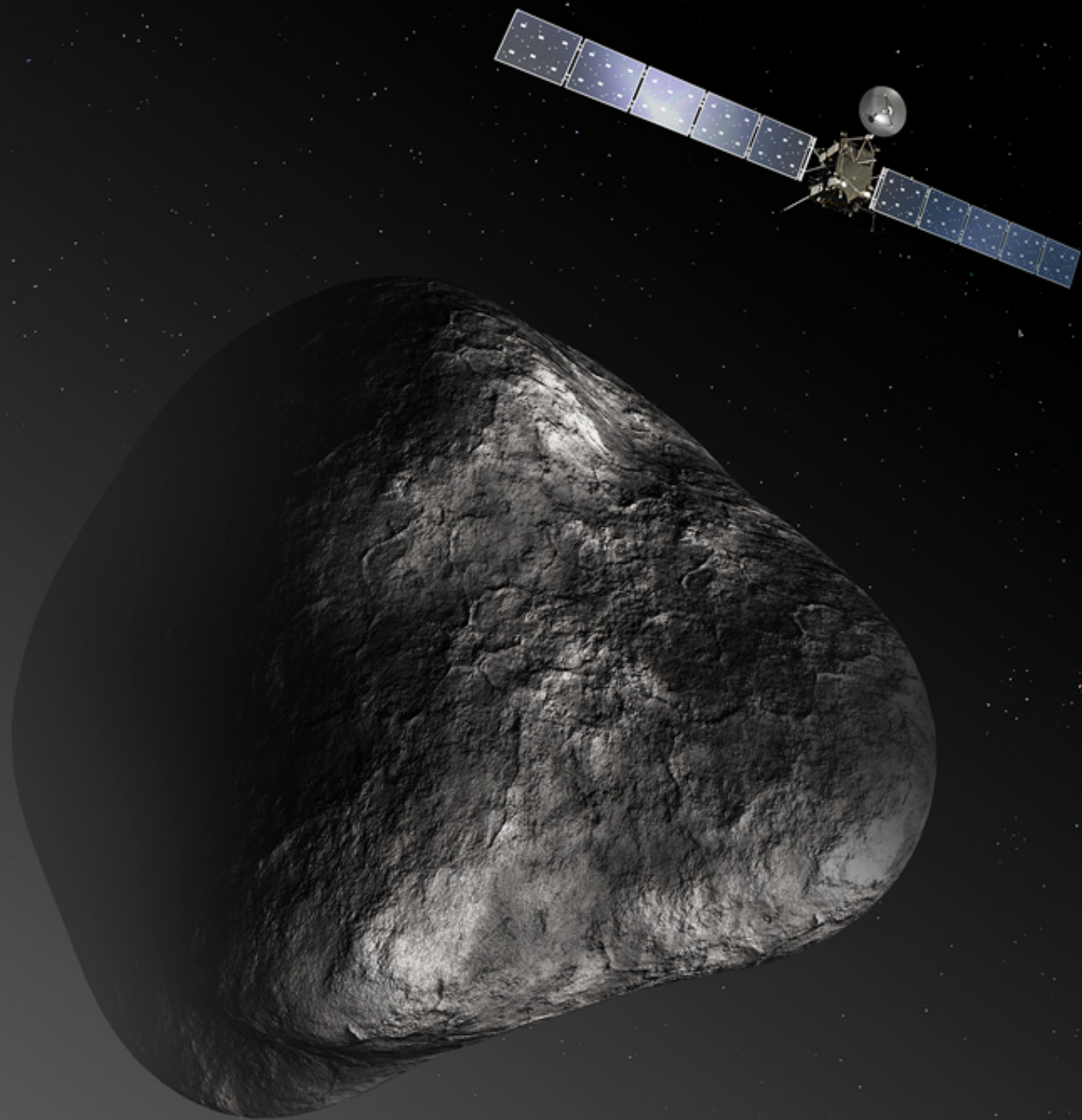


# Espace & Finance

## Space and Finance

Toulouse, **13 octobre 2016**  
à l'Hôtel de Région  
(Salle de l'Assemblée)



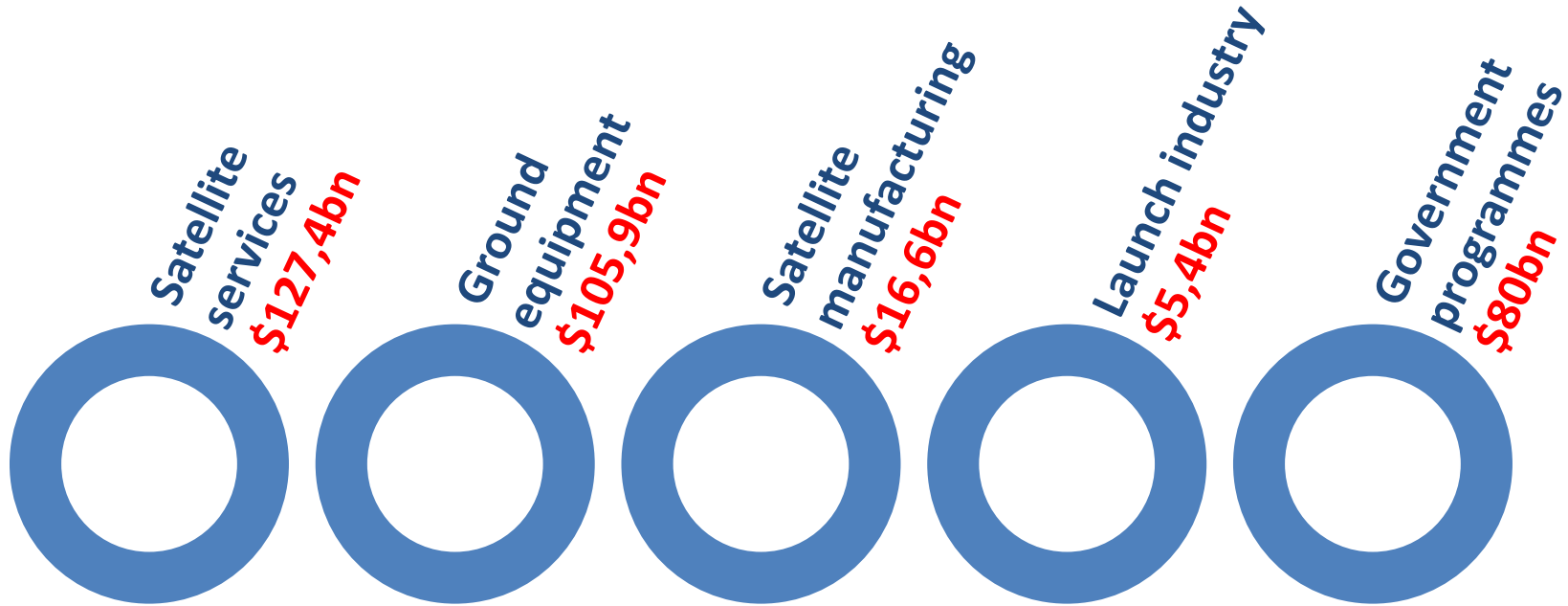
# Rosetta

- ***"Rosetta is a great European success, technical and scientific but also a real financial and human challenge"*** (Roger-Maurice Bonnet, former director of the scientific programs of ESA)



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# Space-industry Spending, 2015





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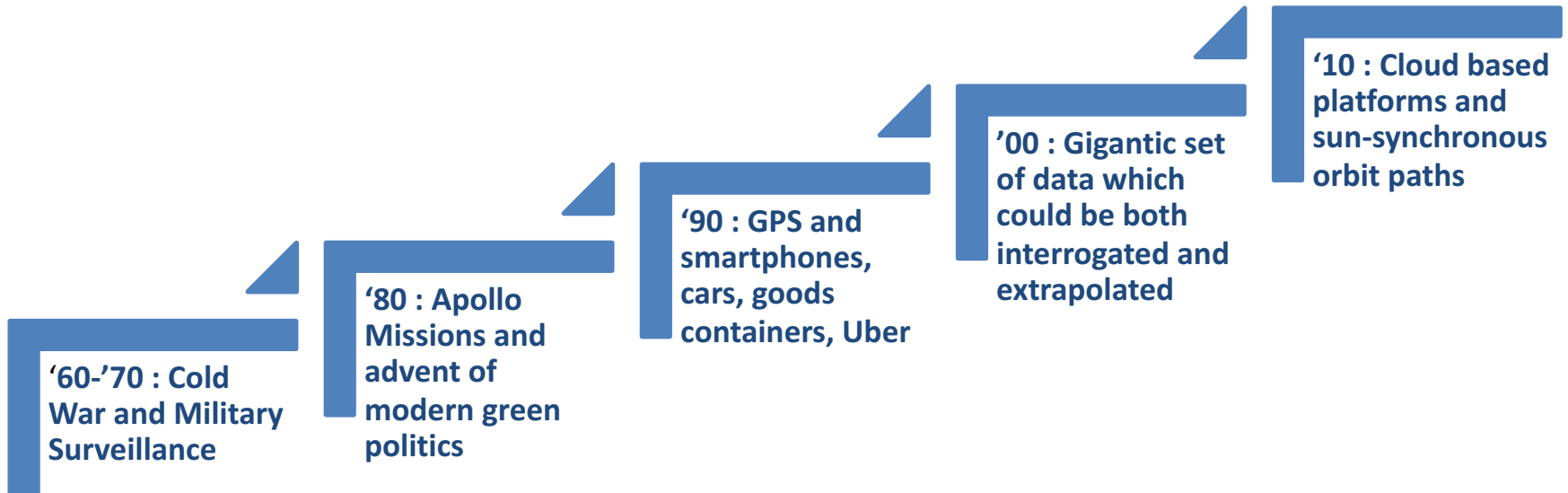
# Facts and Trends

- **69 satellites launched by 24 countries over the past 20 years, including 9 in 2015 versus 23 new countries between 2016 and 2020**
- **130 satellites could be launched on the same period for a total value of \$12 billion against \$5 billion between 2006 and 2015**
- **Earth observation : \$43 billion over the next decade**



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# From Collecting Pixels to Selling Answers





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# Space Business and Space Financing

2001-05 : venture  
investments in space  
business worldwide :  
\$186m

2011-15 : \$2,3bn  
collected. Half of  
those investors were  
based in California ;  
most of the money  
has gone either into  
small satellites or  
into new launchers  
tailored to those  
satellites  
requirements

2016-25 : 3,600  
commercial small  
sats will be  
launched, including  
over 2,000 flown by  
VC funded Earth-  
observing  
companies

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- **Finance and Space Infrastructures**
- **Finance and Space Commercial Services**
- **Finance and Space Eco-systems (Space Valleys)**
- **Finance and Space Contracts**