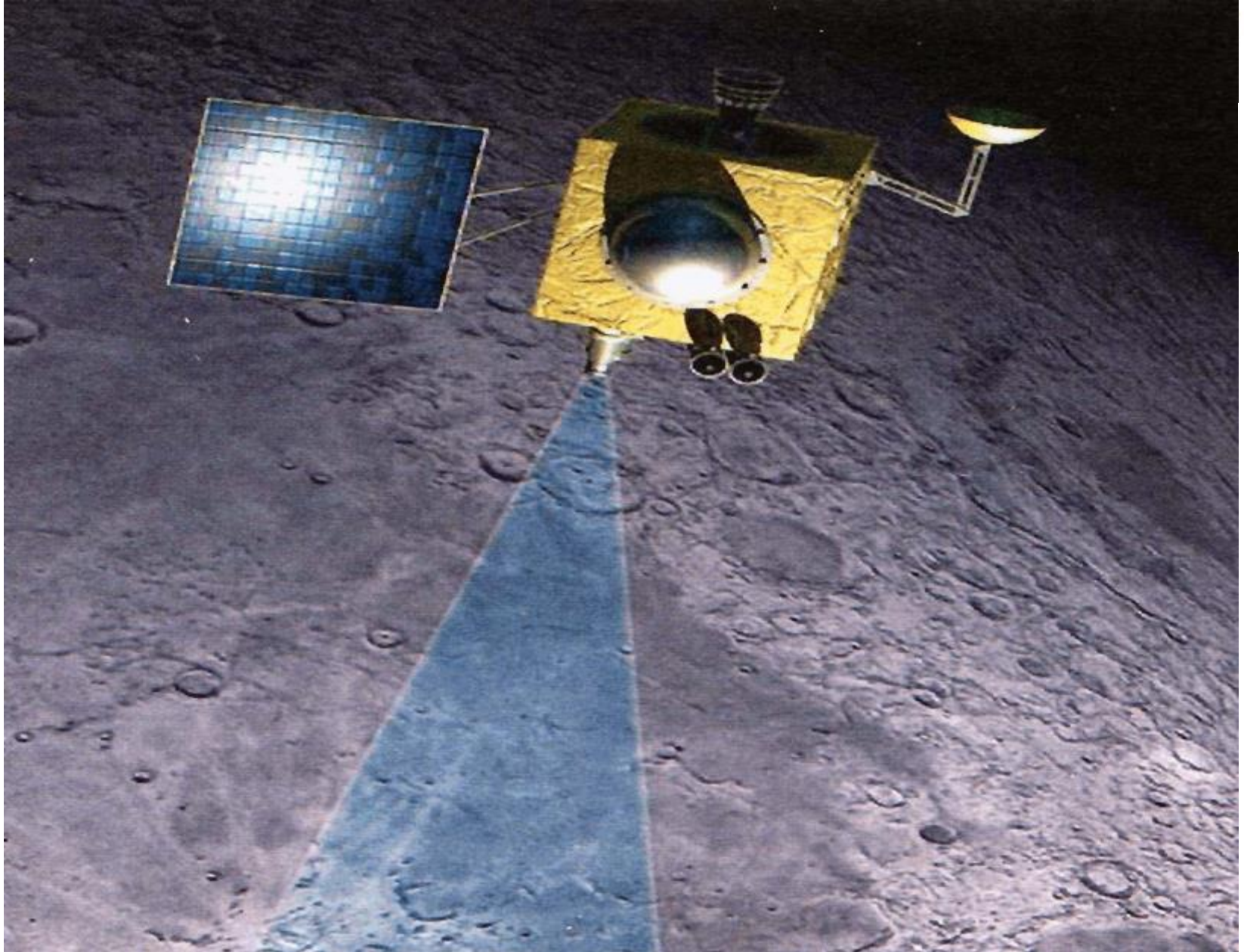
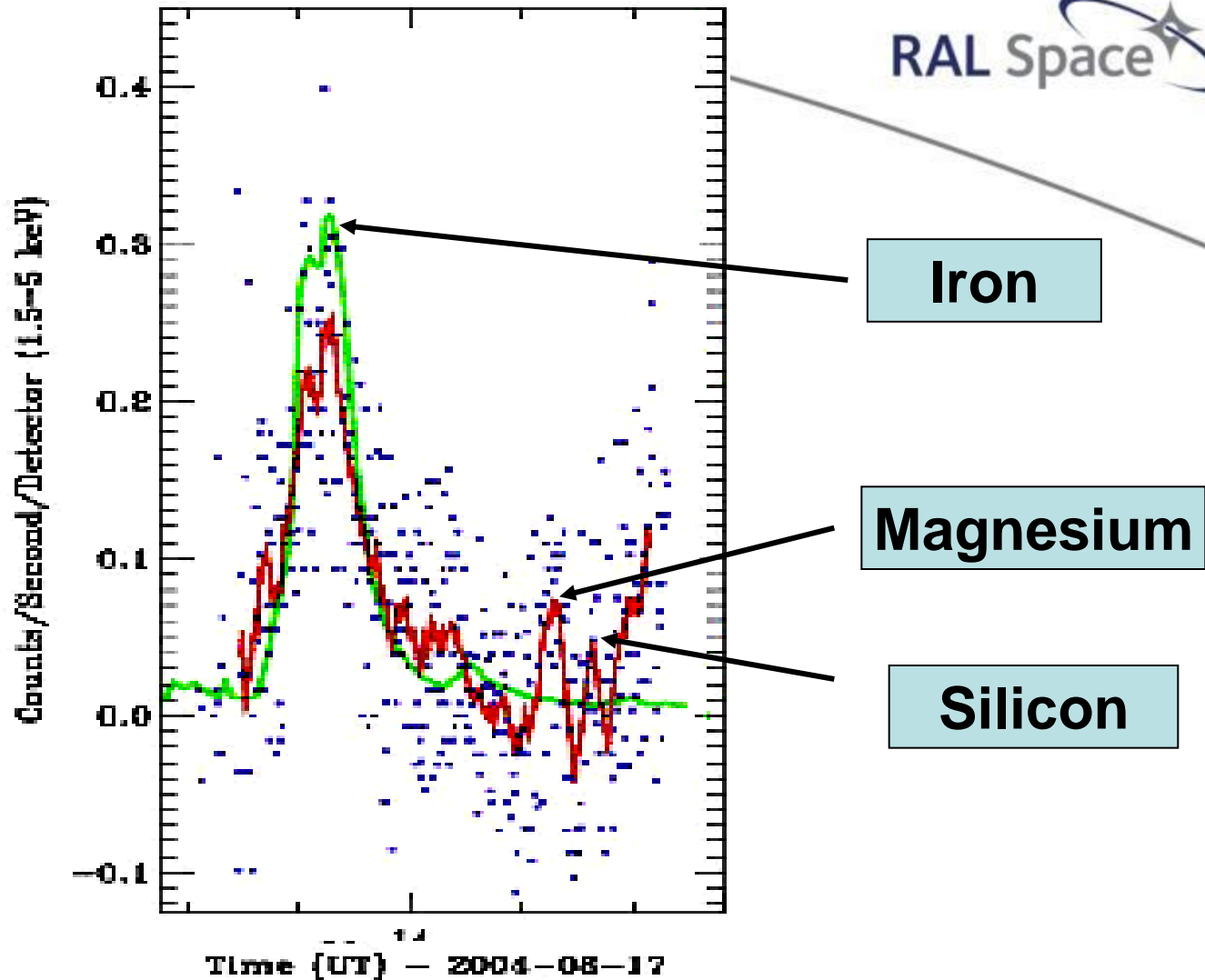




# SMART-1 & Chandrayaan-1

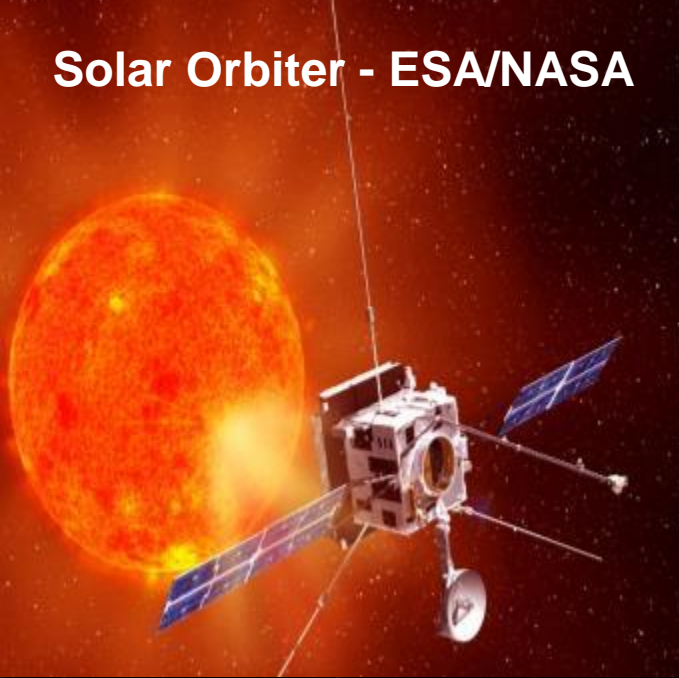




Definitely no cheese ☹️



**Solar Orbiter - ESA/NASA**



**GAIA - ESA**



**WSO - Russia**



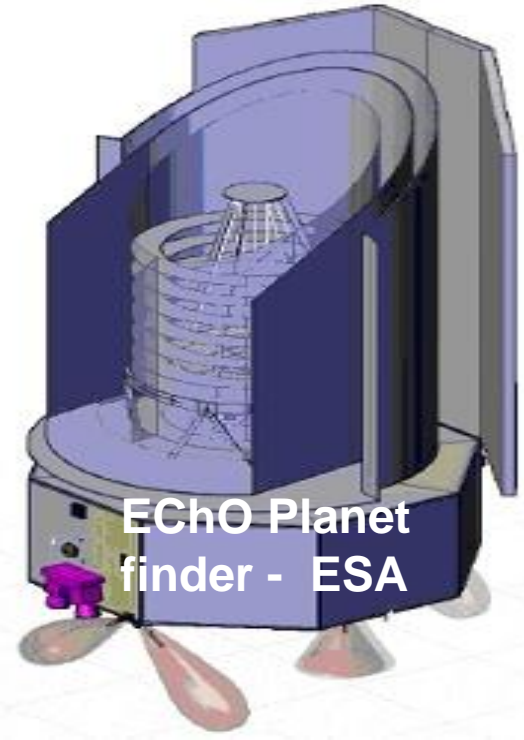
**MIRI - ESA/NASA**



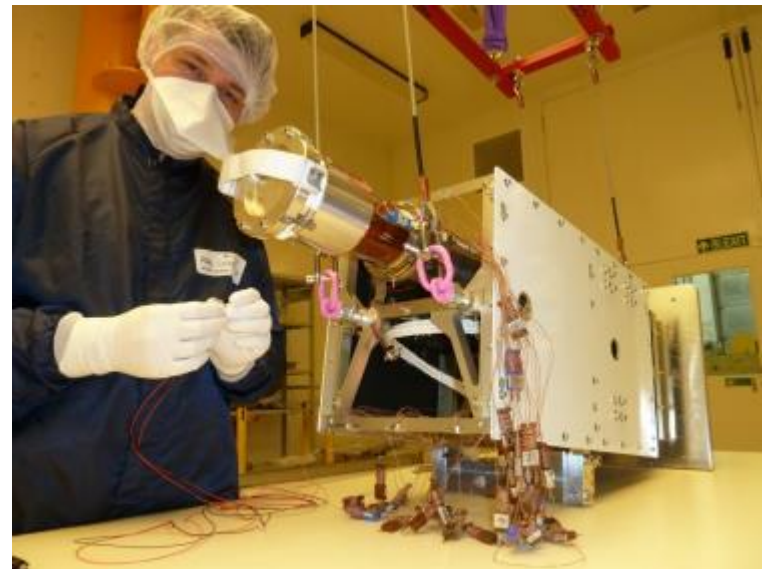
**Sentinel-3 / SLSTR - ESA**



**EChO Planet  
finder - ESA**



# ISS Cameras



- **World's first HD Video in Space**
- **5m images and 1m video**
- **Privately funded**









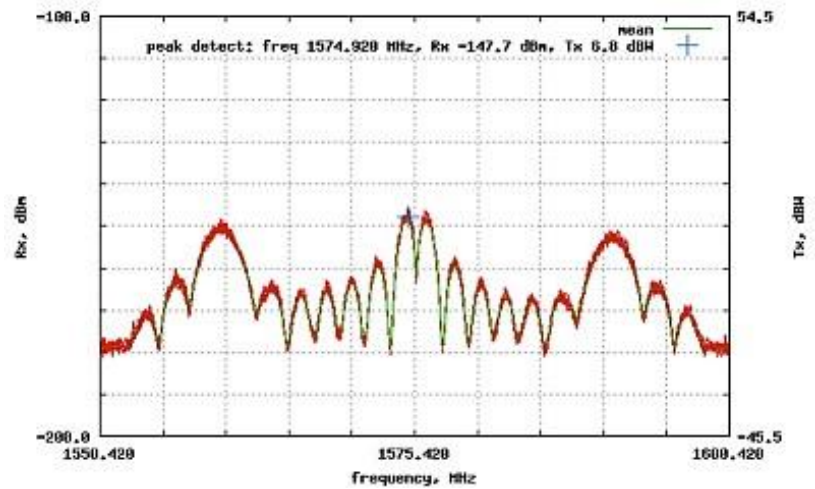
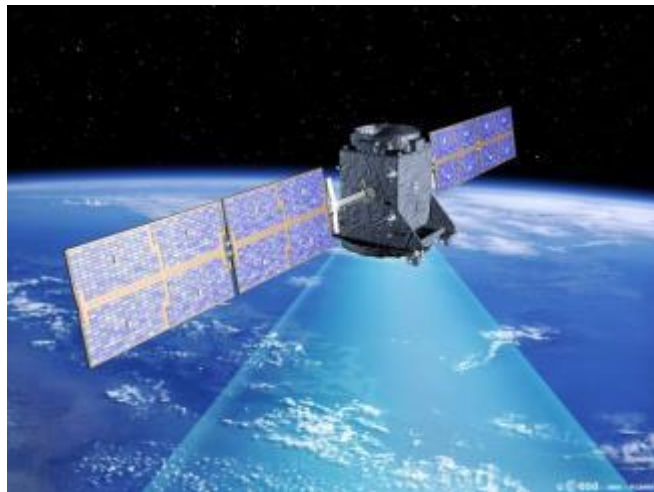
# Atacama Large Millimetre Array (ALMA)





**LOFAR**

**GIOVE-A satellite and first signal**



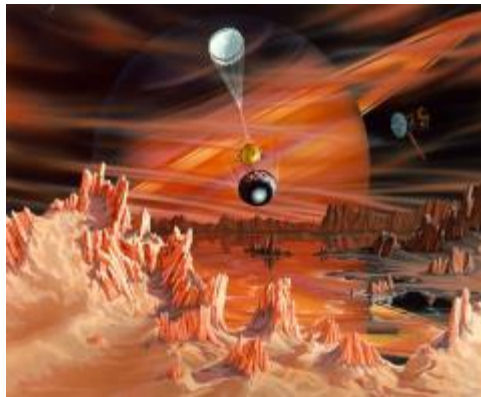




# Science to Technology to Impact

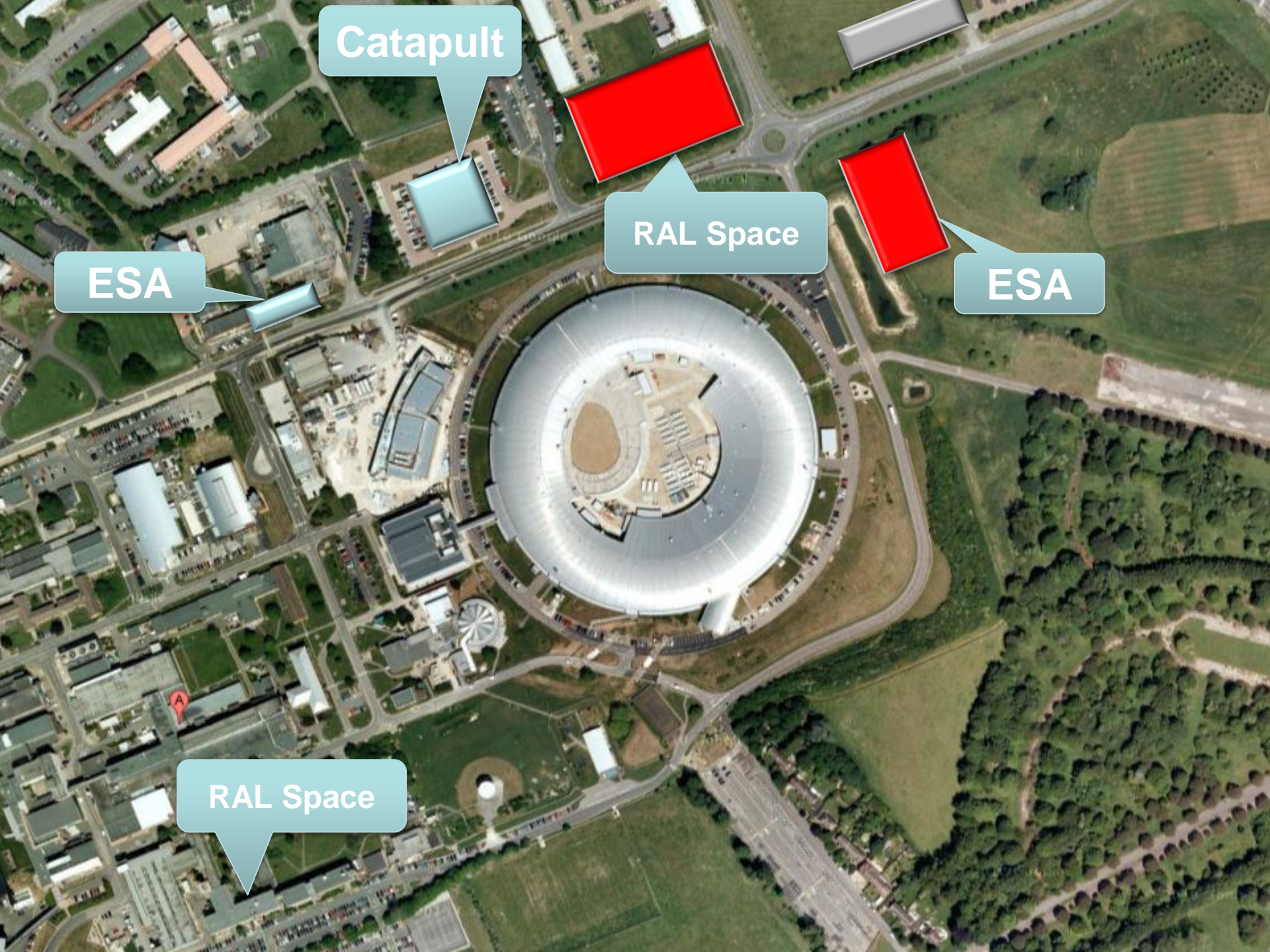


£50K



£20M





Catapult



RAL Space



ESA

ESA

RAL Space









# Godfrey's legacy to Space at RAL

1. His kindness to Appleton Staff in 1980

2. “Diversify your programme”

£20M turnover (£19M is external, of which £10M is Overseas)

UK Government (BIS, MoD, Cabinet, DE, FCO, HO, DECC, DEFRA)

& RCUK (STFC, NERC, EPSRC, MRC, AHRC)

+

25 Space Agencies (inc NASA, ESA, UKSA, JAXA, ROSCOSMOS, ISRO, CNSA)

30 Institutes (inc JPL, GSFC, Sandia, NRL, USAFRL, Met Office, CAST)

60 Companies (inc Lockheed, Astrium, MDA, SEA, SciSys, Vega, Thales)

40 Universities (inc MIT, Cal-Tech, Tsinghua, Moscow State, Oxfordbridge, Imperial)

 : a gateway to 170 organisations in 34 countries



