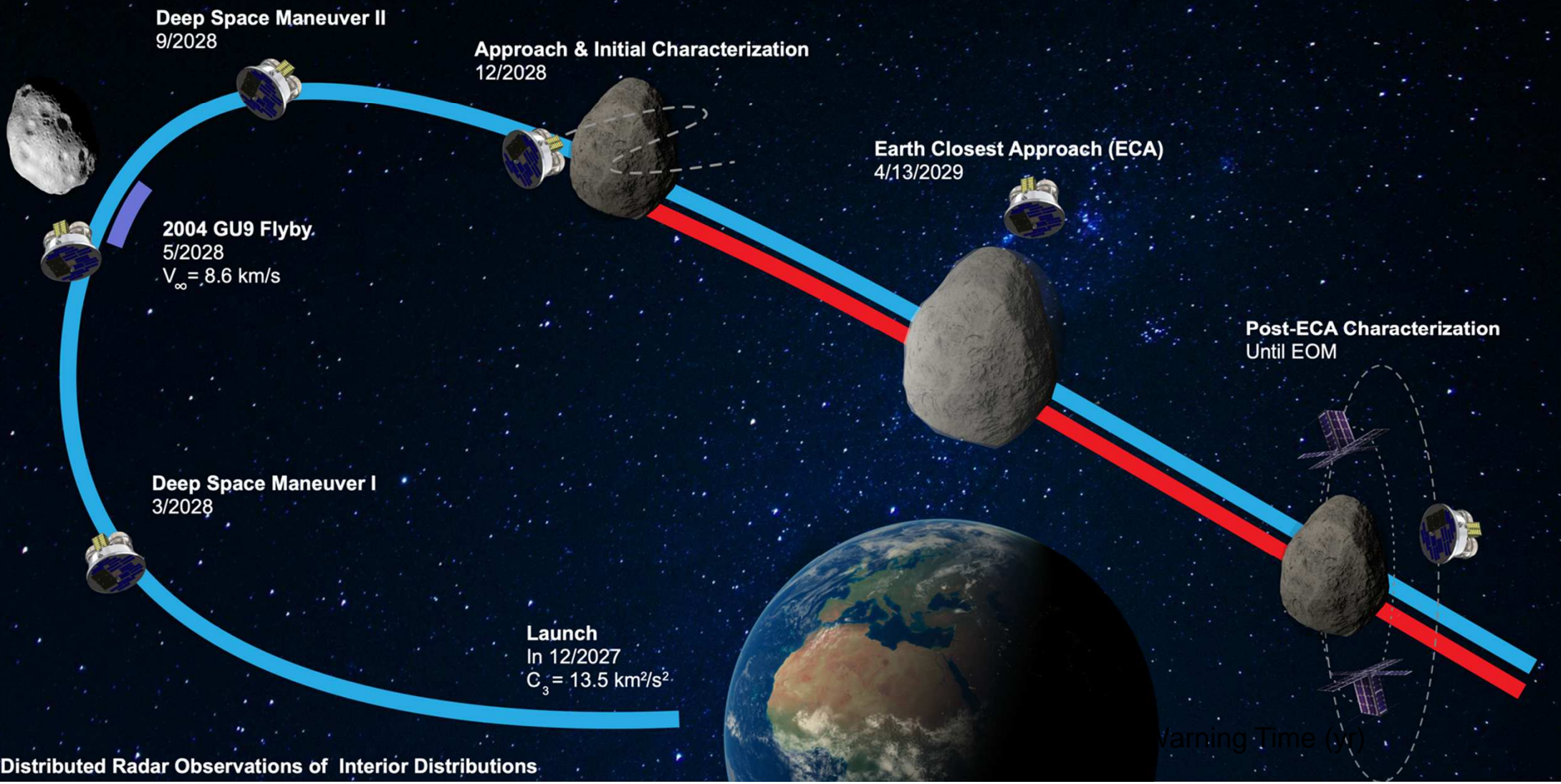


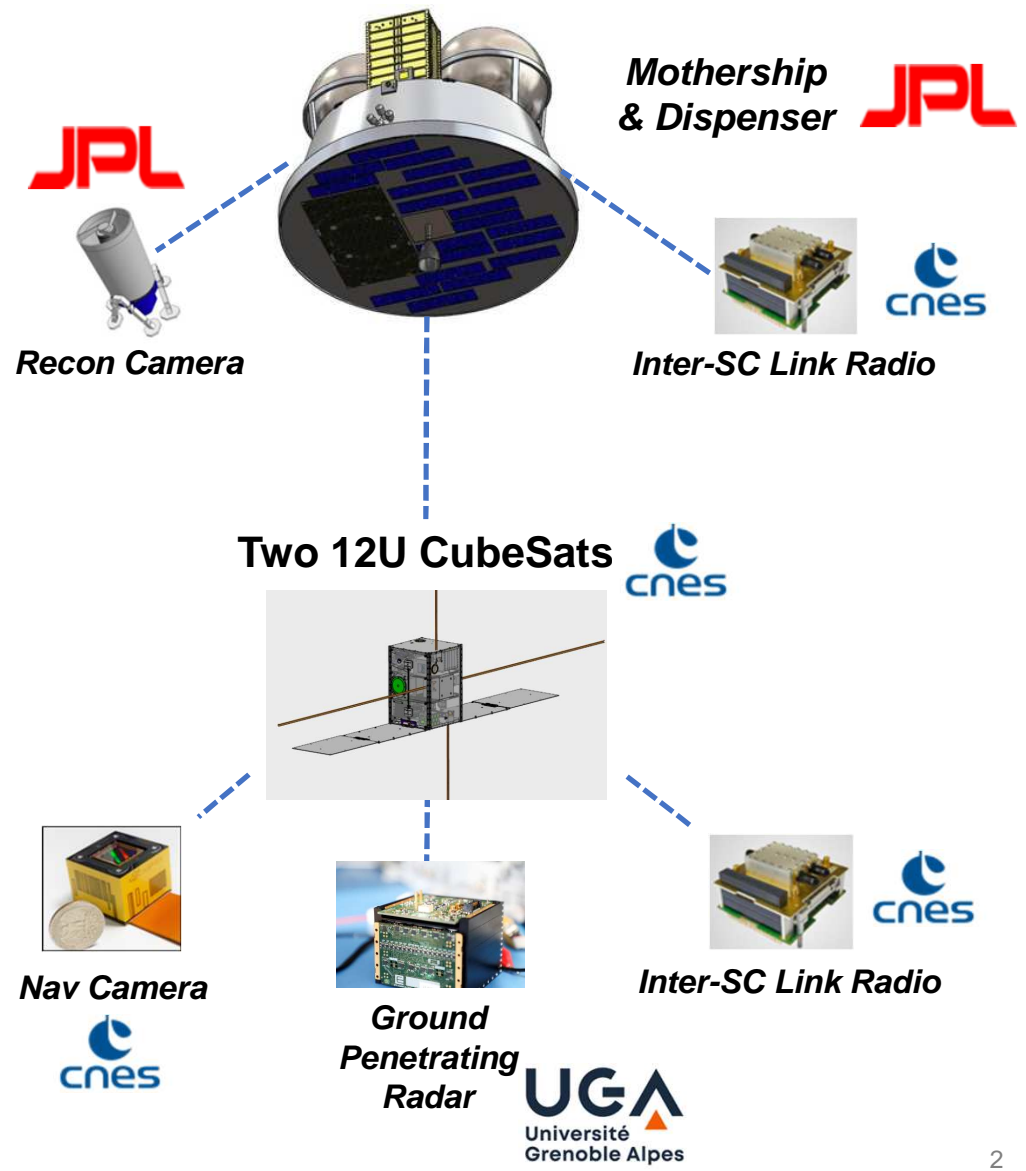
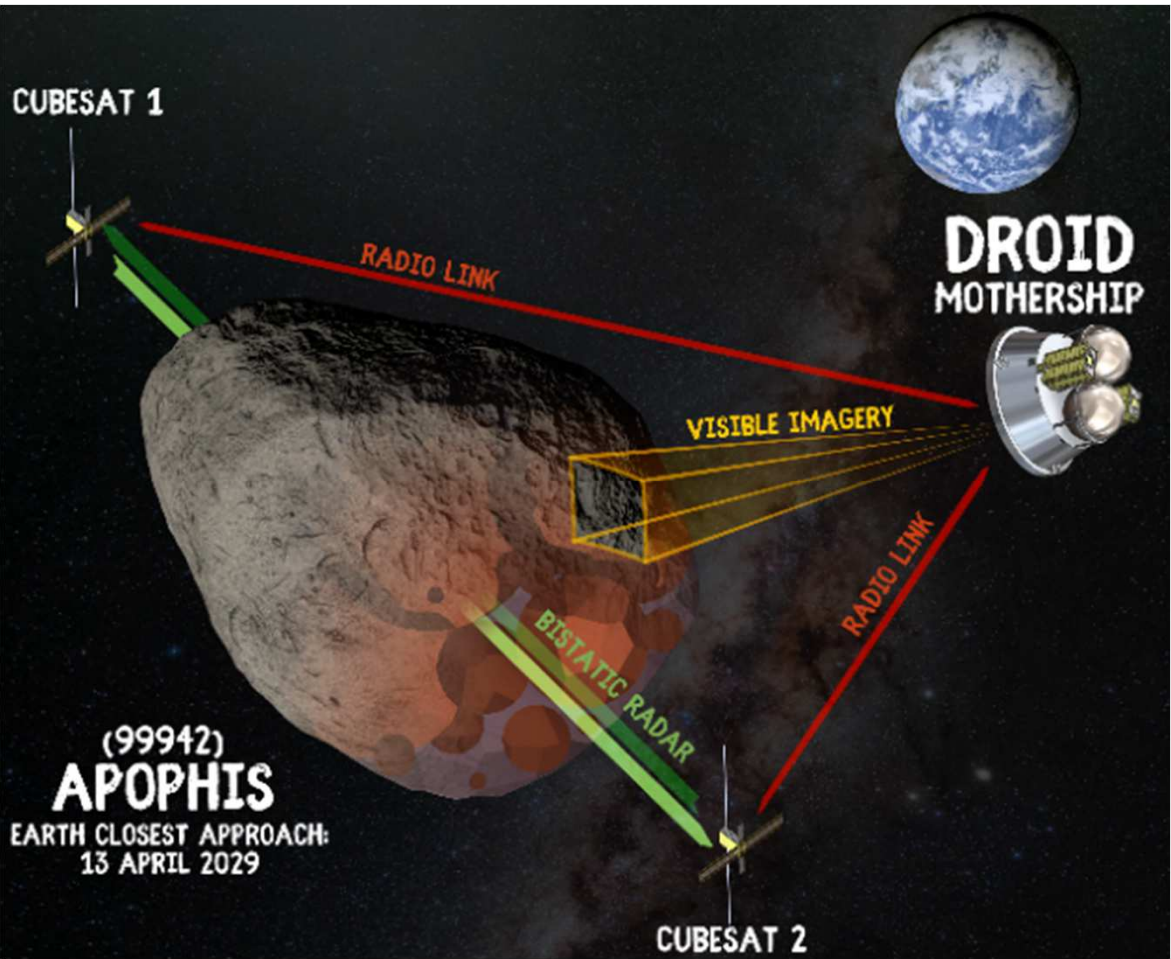
DROID - Reference Mission Architecture



*Distributed Radar Observations of Interior Distributions

Warning Time (yr)

DROID Flight System



DROID - SUMMARY AND OUTLOOK

- Mission concept developed jointly by CNES and JPL
- Strong heritage from Escapade and HERA / Juventas
- Monitoring of Apophis potential changes resulting from close encounter
- Strong complementarity with OSIRIS-APEX
- Internal structure tomography with bi-static radar, highly valuable to calibrate impact deflection methods
- Fast development and fast flyby of GU9 en route satisfy the objectives of the Decadal Survey's recommended planetary defense characterization mission
- Team is pursuing funding for a launch at the end of 2027

