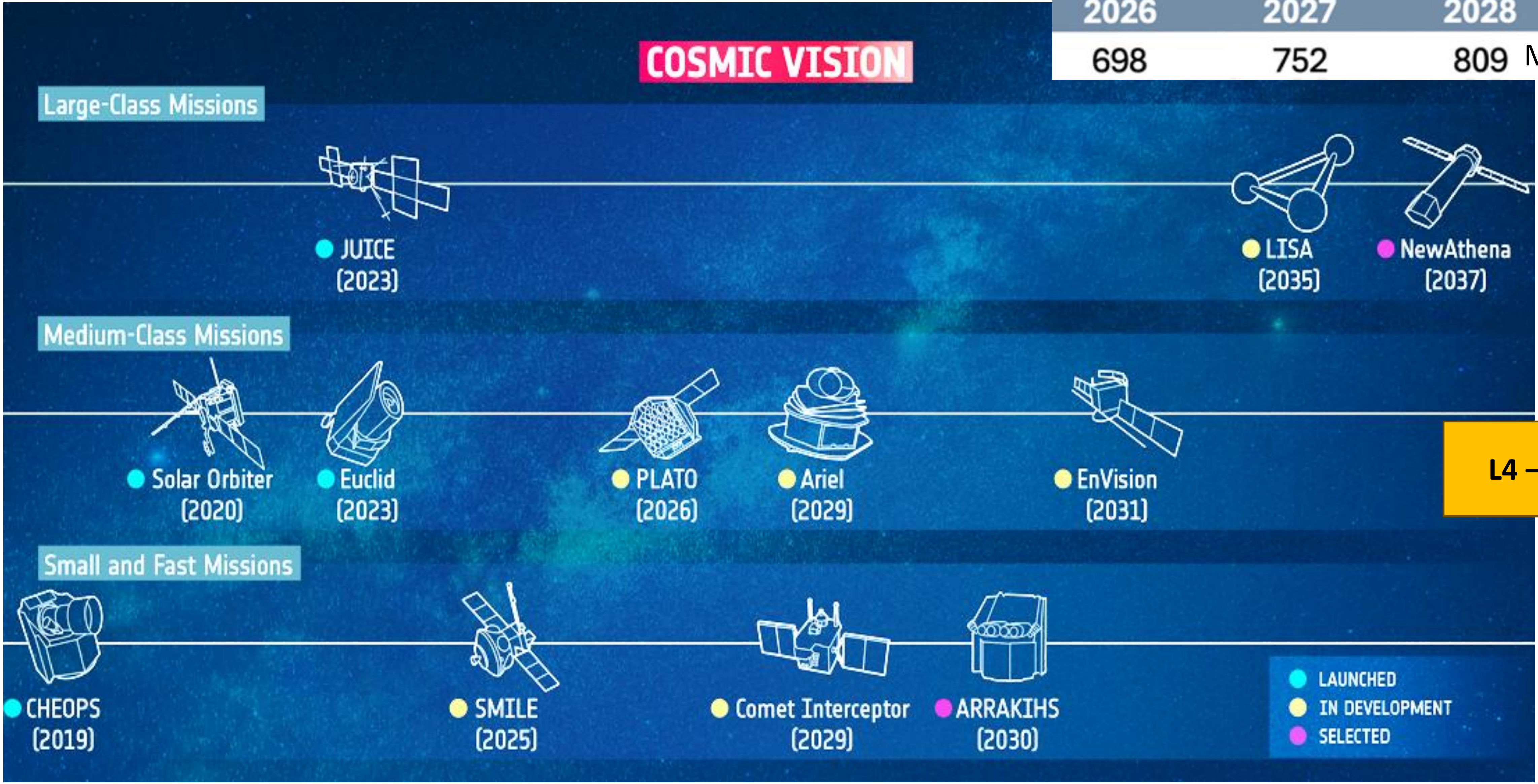
Science Program is ESA's compulsory program, all member states pay for it on GDP basis. Finland pays 1,38% of the program cost: 9-11 M€/year. New industrial competitions take place 2026-28 in **LISA and NewAthena, M7** (M-Matisse, Plasma Observatory, or THESEUS), **F3 and potentially a smaller mission Mini-F**. Also, predevelopment of **L4** starts.

2026	2027	2028
698	752	809 M€



L4 – 2040

PROgramme for the **D**evelopment of scientific **EX**periments

- Optional programme with guaranteed GeoReturn, 17 Participating States
- Implement Participating States contributions to ESA Programmes
  - e.g. Payload HW developments with national institutes/industry, with ESA management & technical support (SCI, EOP, HRE, S2P ...)

In 2019 Finland joined PRODEX and has invested there (2019, 2022) 5 million euro.
These were used for Comet Interceptor's MIRMIS instrument.

2025: 10,7 M€
Potential use: instrument on M7, E3P programme's Small Moon Probe detectors etc.

Human Spaceflight and Exploration Program

- E3P is an Envelope Programme for astronaut activities and robotic exploration of Moon and Mars.
    - astronaut activities in Low Earth Orbit, onboard ISS space station until mid-2029 and on the Post-ISS American space stations. ORION's ESM, LEO Cargo Service.
    - astronaut activities on the Moon: sending European astronaut onto Moon surface, sending cargo to Moon on European Argonaut-lander and activities on Gateway space station near Moon.
    - robotic activities on Mars. Exomars RFM and new Mars probes.
    - Programme has a science program SciSpace (e.g. research on ISS) and a technology development program ExPeRT (develops technology for future missions).

- Finland joined this program in 2022 and invested 4 million euro to it via ExPeRT but since it is an enveloped programme the earmarking is not fixed.
- 2025: 10 M€ (SciSpace, ExPeRT, 6 M€ at envelope level)
- Small Moon Probes, Gateway, Argonaut, LEO Cargo, Mars probes, biomed research etc.

Navigation

- NAVISP – navigation research (mostly on ground applications; small satellites) – based on ESA work programmes (Element 1) and on company ideas (Element 2)
- 4M€

- Future NAV
    - LEO PNT Celeste – LEO orbit navigation satellite constellation preparation
    - 6,65 M€

    - Genesis – research using Genesis-satellite (being built) that does scientific research using GNSS signals
    - 0,47 M€