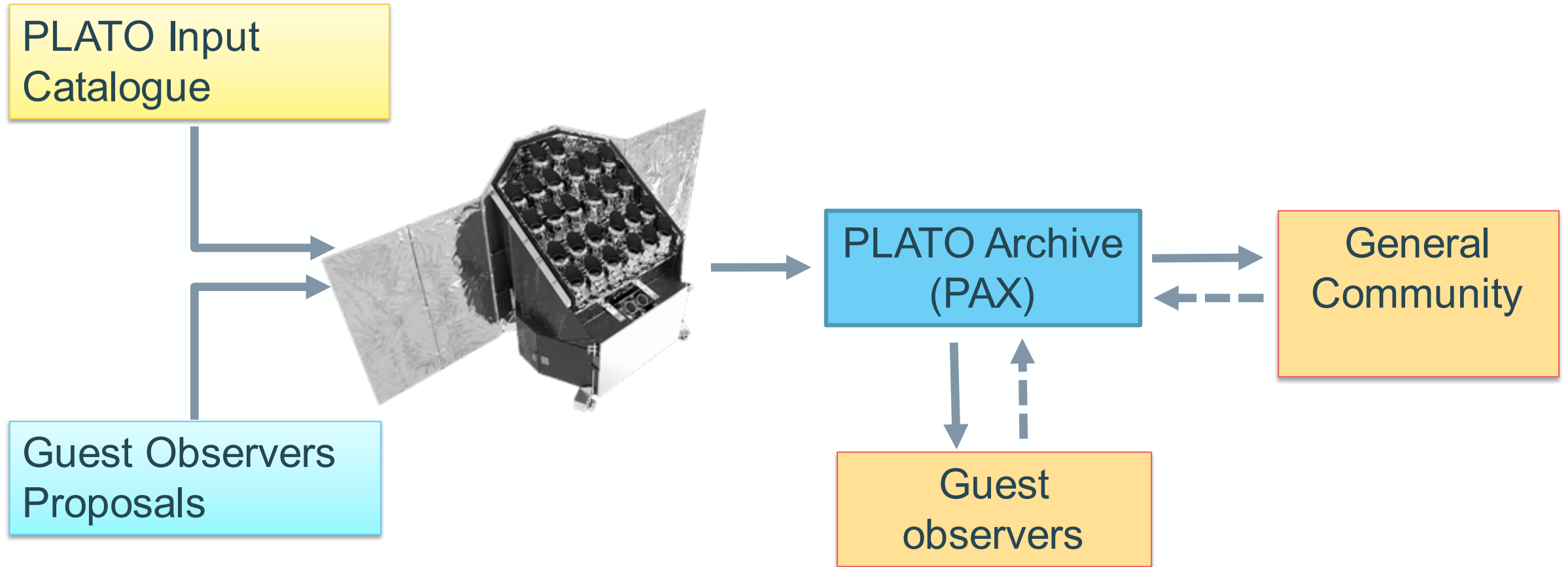


PLATO as a resource for the astronomical community

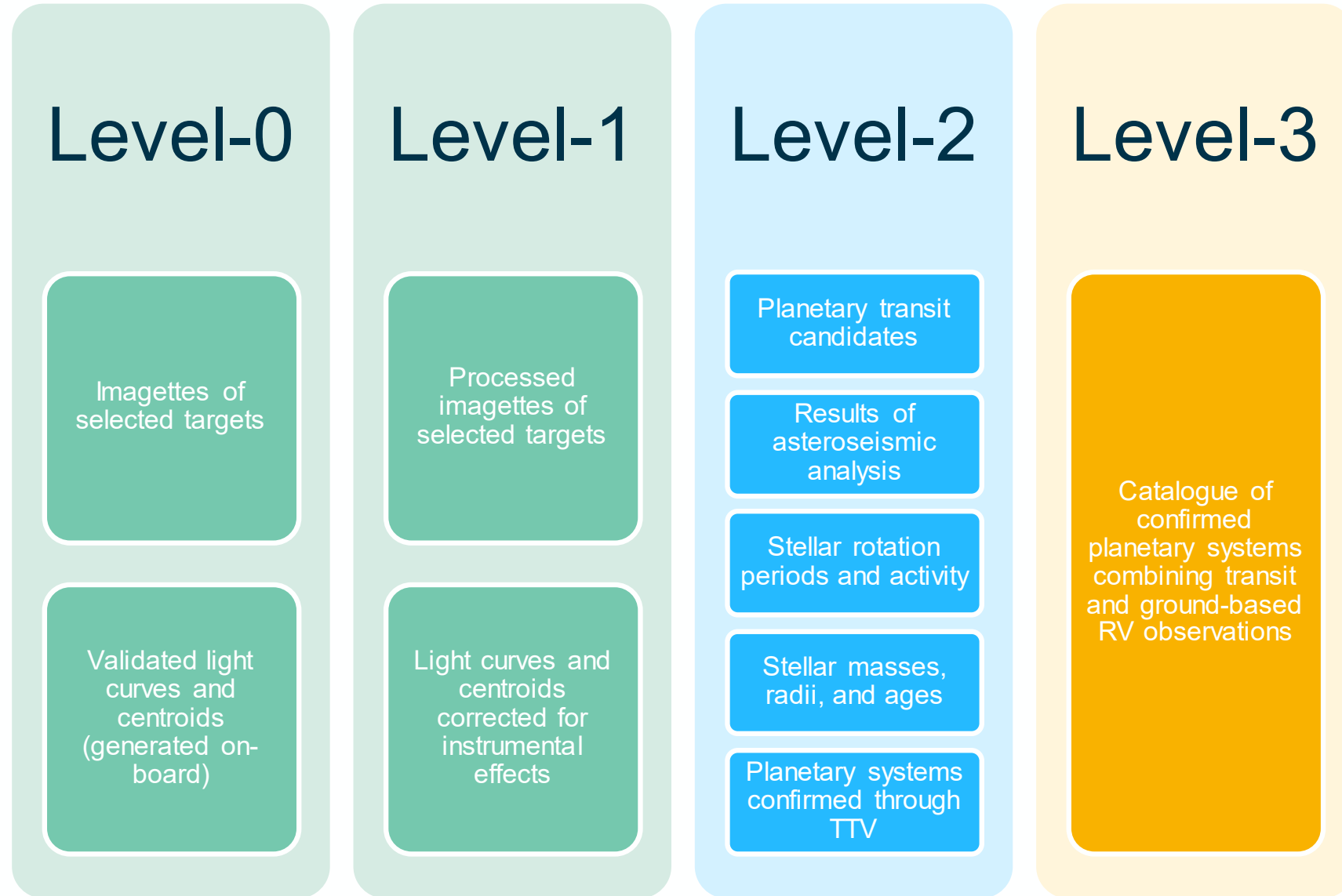
PLATO mission Conference 2021

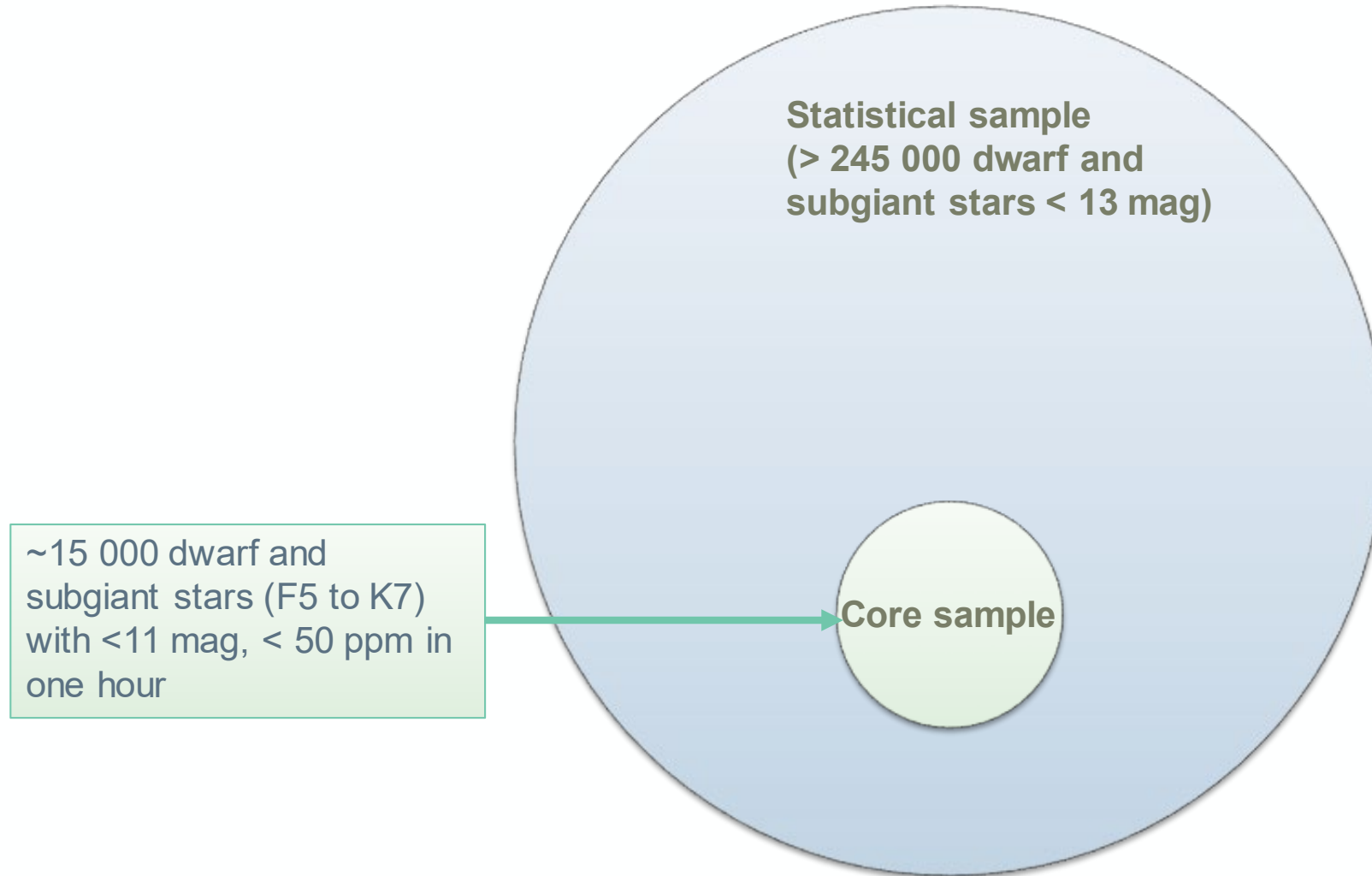
Ana M. Heras
PLATO Project Scientist, ESA

11/10/2021



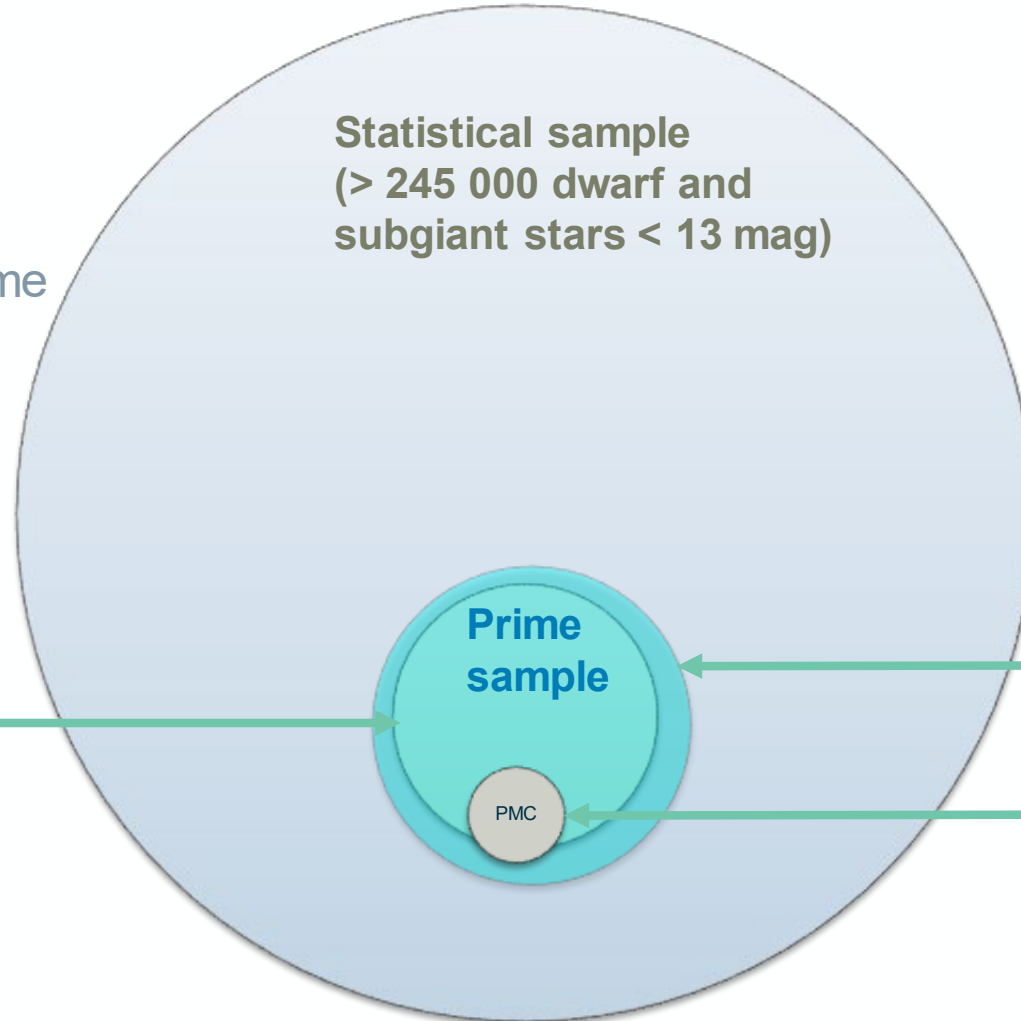
MAIN PLATO DATA PRODUCTS





Data access defined according to:

- Prime sample
- Non-prime sample
- PMC Proprietary targets
- Guest observers programme

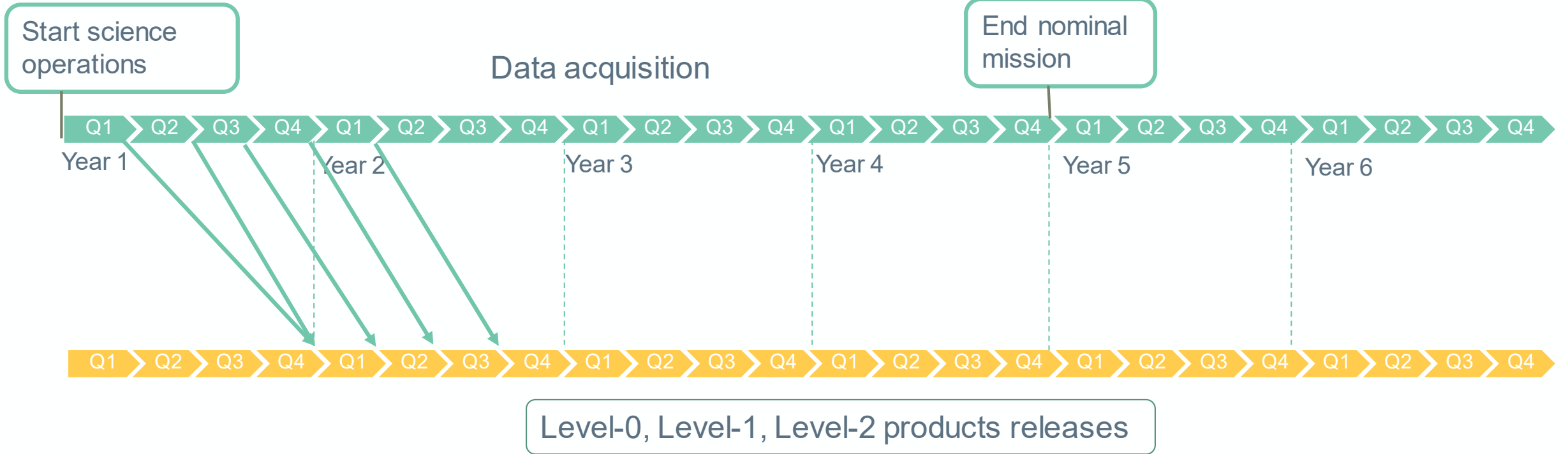


~15 000 dwarf and subgiant stars (F5 to K7) with <11 mag, < 50 ppm in one hour

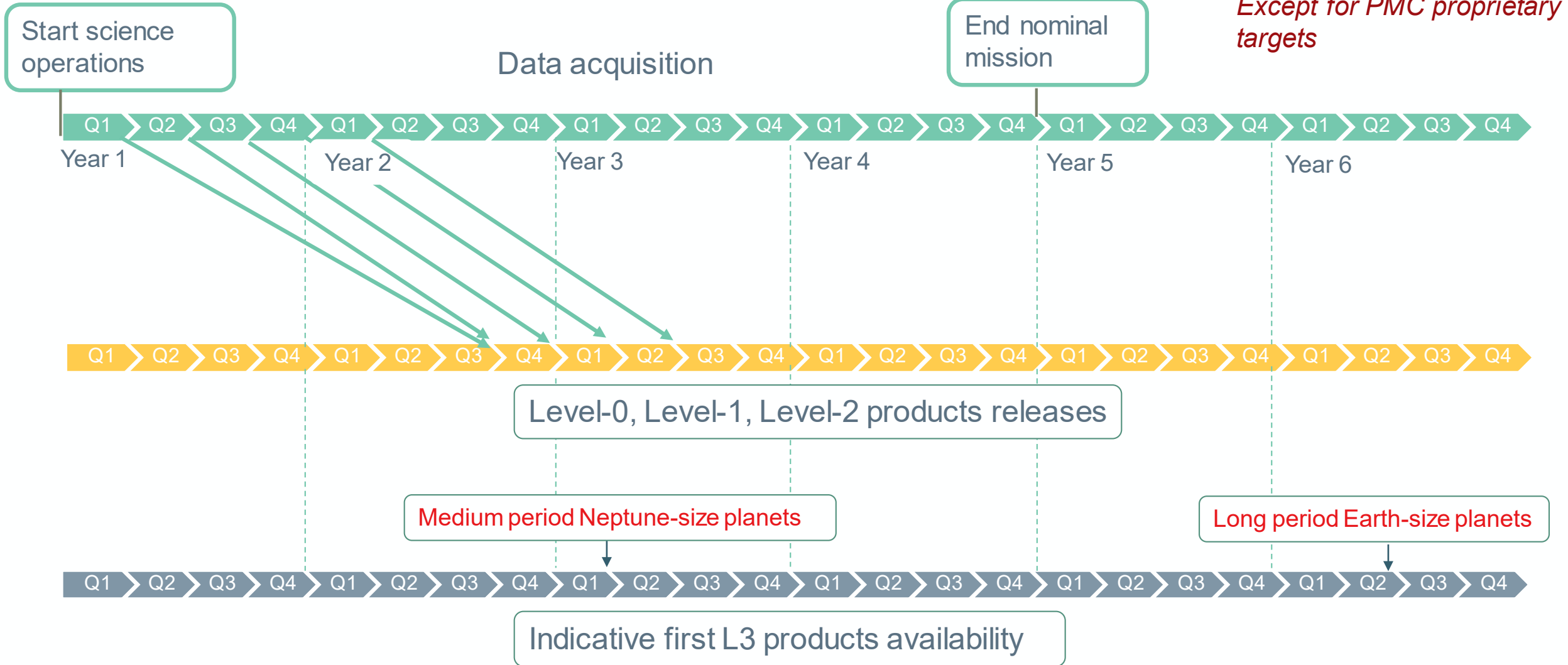
- Ground-based Observation Programme and delivery of L3 products
- List of stars will be published nine months before launch

PMC Proprietary targets: 25% of the 25% prime sample targets of < 11 mag observed with best N/S

DATA RELEASES NON-PRIME SAMPLE TARGETS



DATA RELEASES PRIME SAMPLE TARGETS



- ESA will issue calls for proposals for **complementary science programmes**
 - The targets must be within the PLATO sky fields defined by the SWT
 - The duration of the proposed observations cannot exceed the observation durations of the corresponding sky fields
- The first call will be issued nine months before launch - More open calls will be issued during the mission (once per year, TBC)
- Allocated time: Over the mission lifetime, an average of 8% of the science data rate (excluding calibration data)
- Proposals on targets of opportunity possible, but they will be executed on a best effort basis
- Proprietary period: One year, starting at the time of the delivery to the observer of the last portion of the relative Level-1 data