

# The great management plan towards construction

the outcome

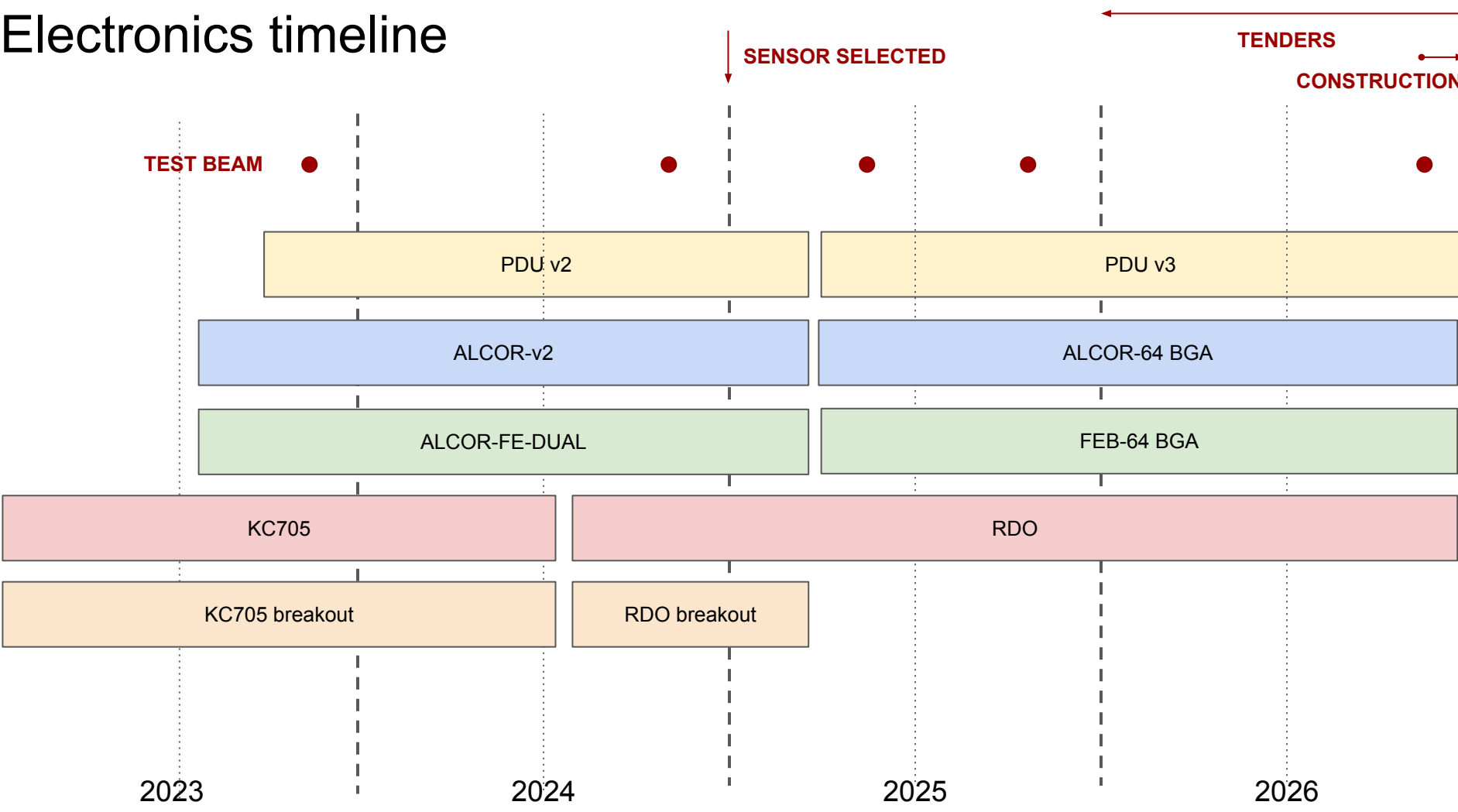
design  
order  
ready

[link to GoogleSheet](#)

# Test beam goals – very aggressive schedule

- **test prototype with SiPM and ALCOR-v2 [Autumn 2023, Autumn 2024]**
  - PDU version 2
    - ALCOR-32 channels
    - no FEBs
    - no RDO
- **test prototype RDO [Autumn 2024]**
  - PDU version 2
    - ALCOR-32 channels
    - no FEBs
    - prototype RDO
- **test final layout [Spring 2025]**
  - PDU version 3 (prototype)
    - ALCOR-64 channels (BGA)
    - FEBs (BGA)
    - prototype RDO
- **final test before construction tenders [Autumn 2025]**
  - PDU version 3 (final)
    - ALCOR-64 channels (BGA)
    - FEBs (BGA)
    - RDO

# Electronics timeline



# Things to remember

- **ALCOR radiation tests [ALCOR-v2, spring 2024]**
  - test SEU rate and latch-ups
  - measure cross-sections, we will then need to scale with fluxes in experiment
- **add redundancies to ALCOR [ALCOR-v3 / -64, autumn 2024]**
  - and test again with radiation
- **final ALCOR tuning after sensors selection [2025]**
  - and signal shaping inside ALCOR accordingly