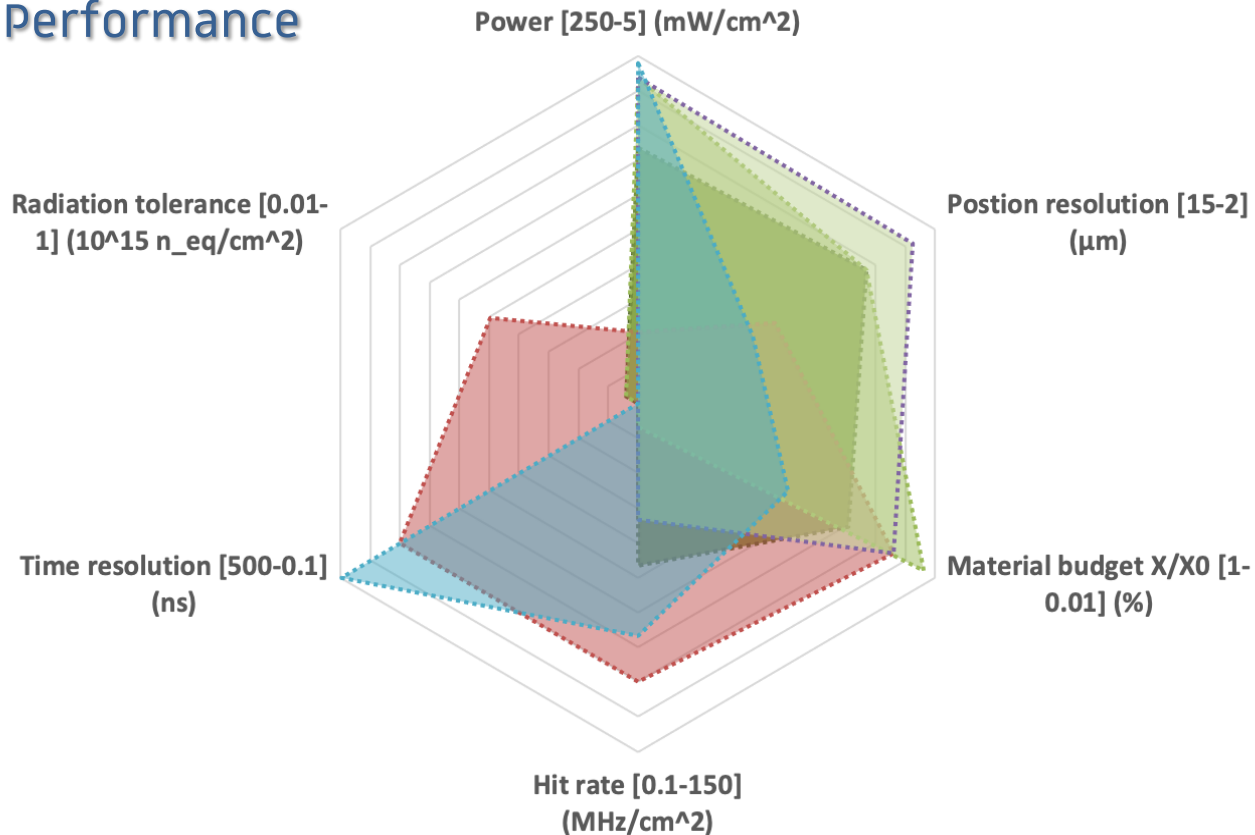


General discussion

Performance



■ MIMOSIS / CBM

■ OBELIX / Belle II

■ MOSS / ITS3

■ vertex / FCCee

■ tracker ee-type

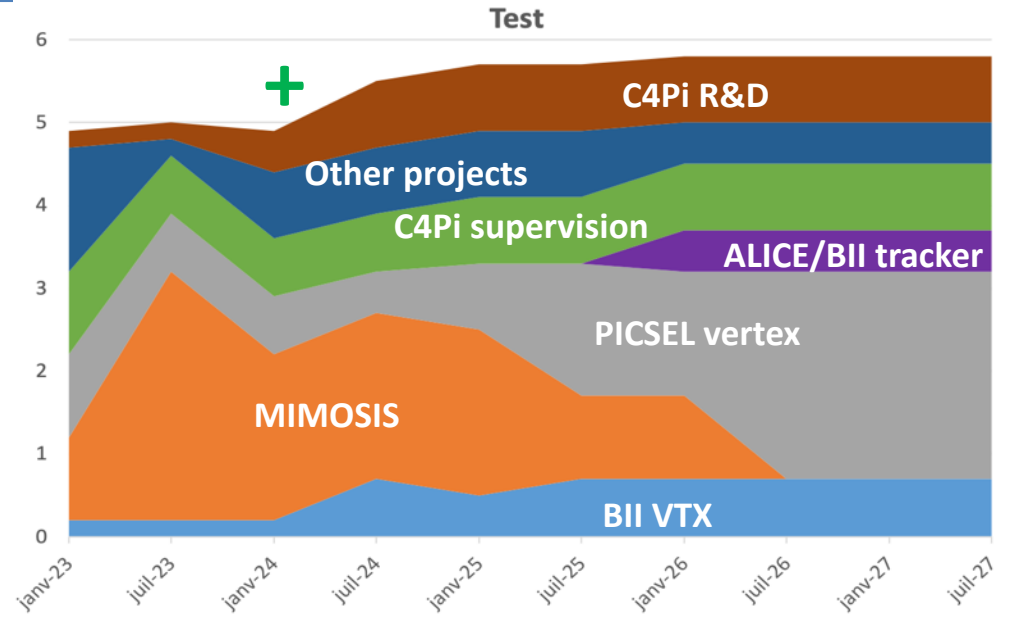
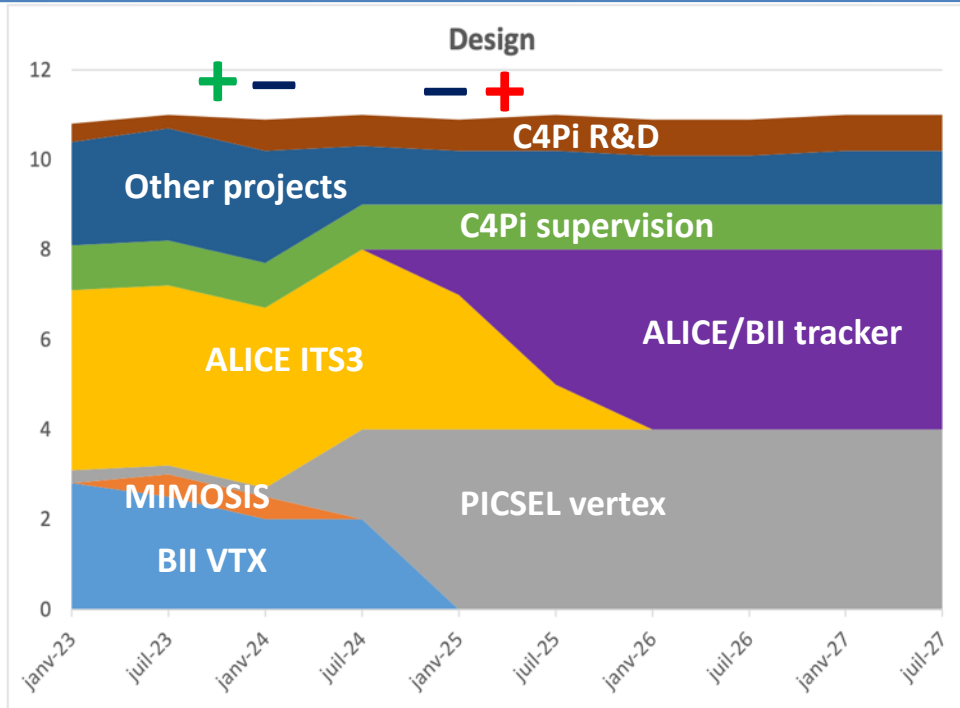
Technologies

- CMOS process
 - Tower 180 nm, Belle II, PICSEL
 - TPSCo 65 nm, future for all
- Test systems
 - One system per sensor R&D is the current norm
 - ECFA-DRDs could help sharing solutions
- Micro-technique
 - Assembling light modules: ALICE, Belle II, PICSEL
 - Bending sensors: ALICE, PICSEL
 - Bonding: ALICE, Belle II, PICSEL
 - Probe testing: ALICE, Belle II, PICSEL

Algorithms

- Common tools: lab and beam tests
- Similarities: hit reconstruction, tracking, alignment

Tentative sharing of C4Pi person power 2023-2027



C4Pi R&D:

- Internal developments

Other projects:

- C4Pi contracted services
- Non HEP vertexing/tracking

Supervision:

- Direction
- Support
- Students

- Retirement
- + Planned recruitment
- + Requested recruitment

