

# Outcome

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- High current campaign ( incl. extraction)
- Dual isotope beam development for medical physics
- Pion production evaluation run for HADES incl.  $\mu$ -spill
- HEST beam transport HTA, HHT
- ESR – HTA beam transport
- FRS-ESR beam transport
- SIS-ESR beam transport for 2<sup>nd</sup> beams
- ESR deceleration
- SIS-ESR-CRY optimization aiming for CRY int. increase
- HITRAP commissioning
- HHT: PRIOR (transmission, stability, focus)
- SHE: 54-Cr beam verification
- DESPEC: detector tests
- Er-beam verification
- FRS re-commissioning
- Spill structure
- 208-Pb high rate (1Hz)
  
- parallel beam for Cryring experiments with local source

## ACC Topics

- operator training and Trans FAIR integration
- FAIR booster mode
- test operation for FAIR in-kind contributions
- measurement of standard beam parameters behind SIS18
- open slots for prioritized machine experiments
- parallel beam for cw-demonstrator operation

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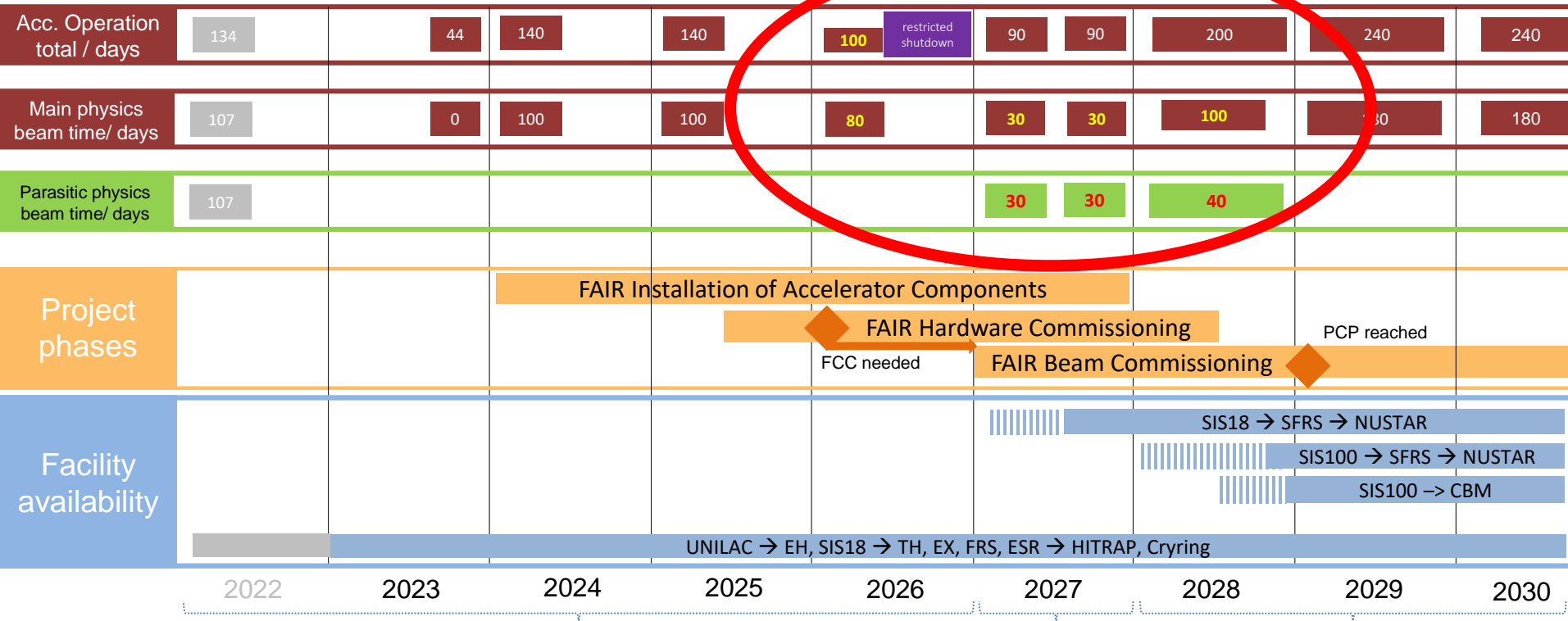
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## FAIR/GSI strategic operation scenario towards FS+



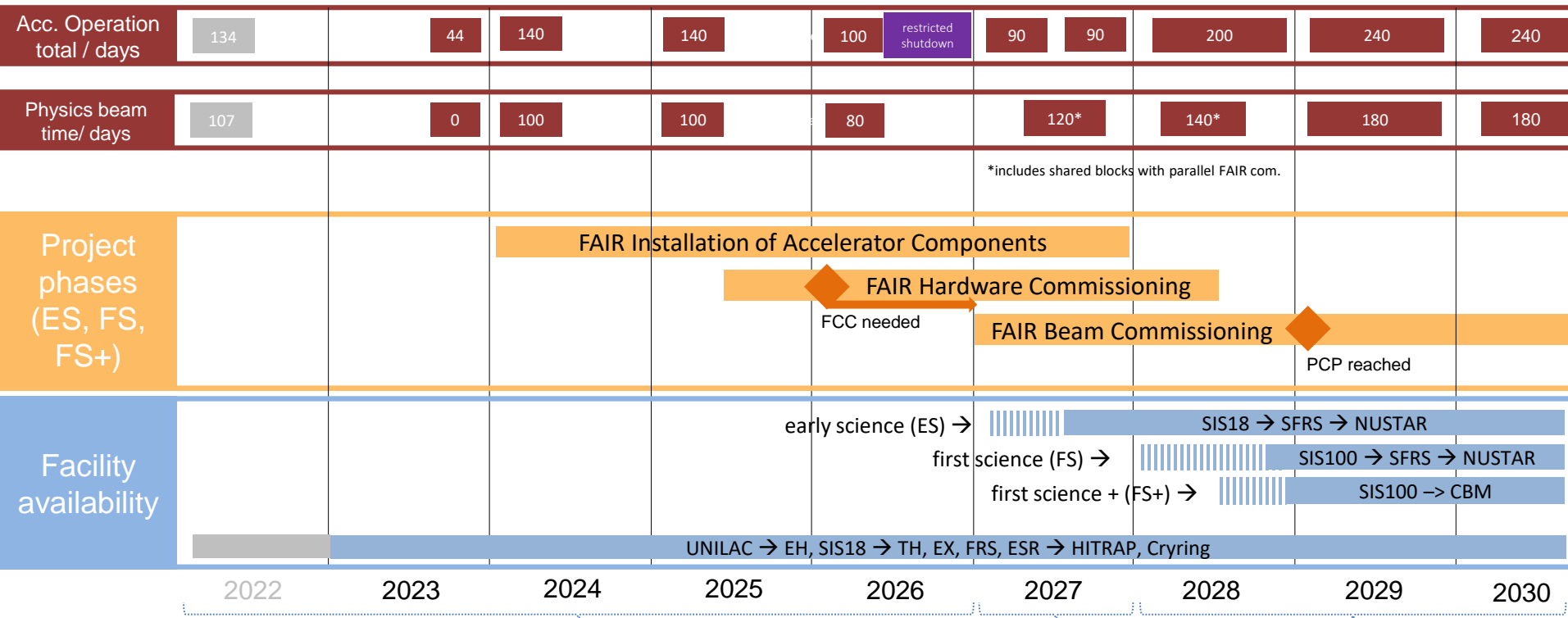
FAIR Phase 0

Early Science

Early Science & First Science+

# Update 2023 (proposal RED)

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