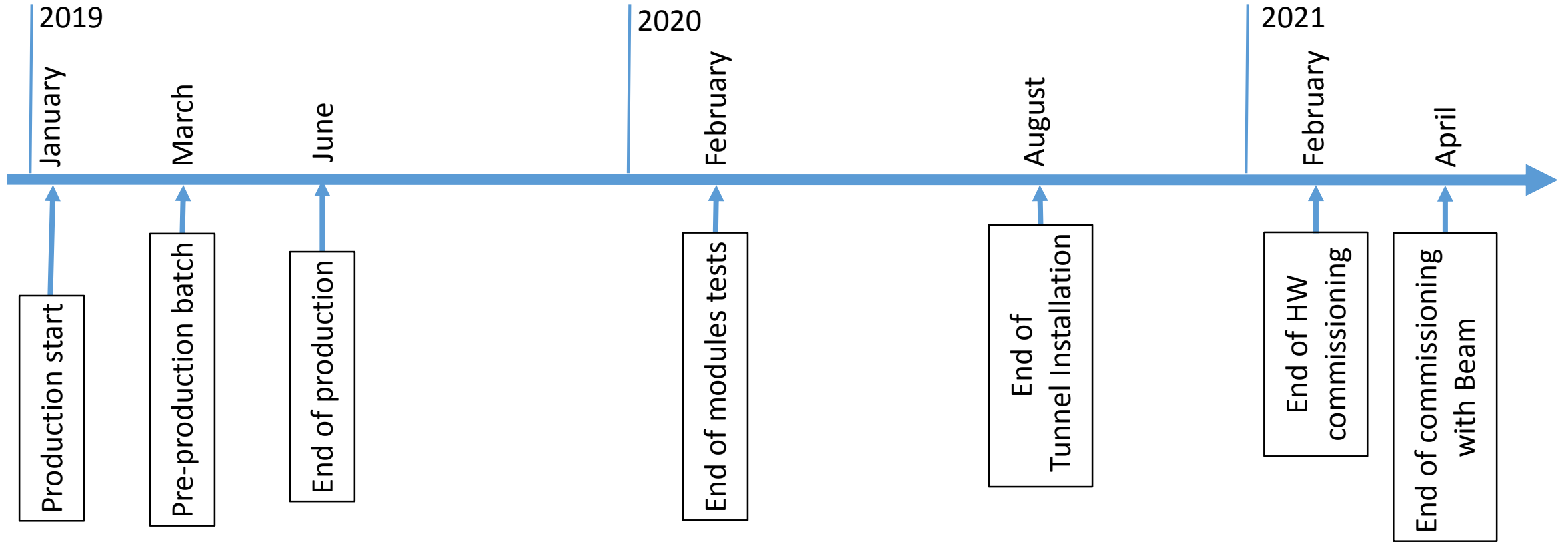




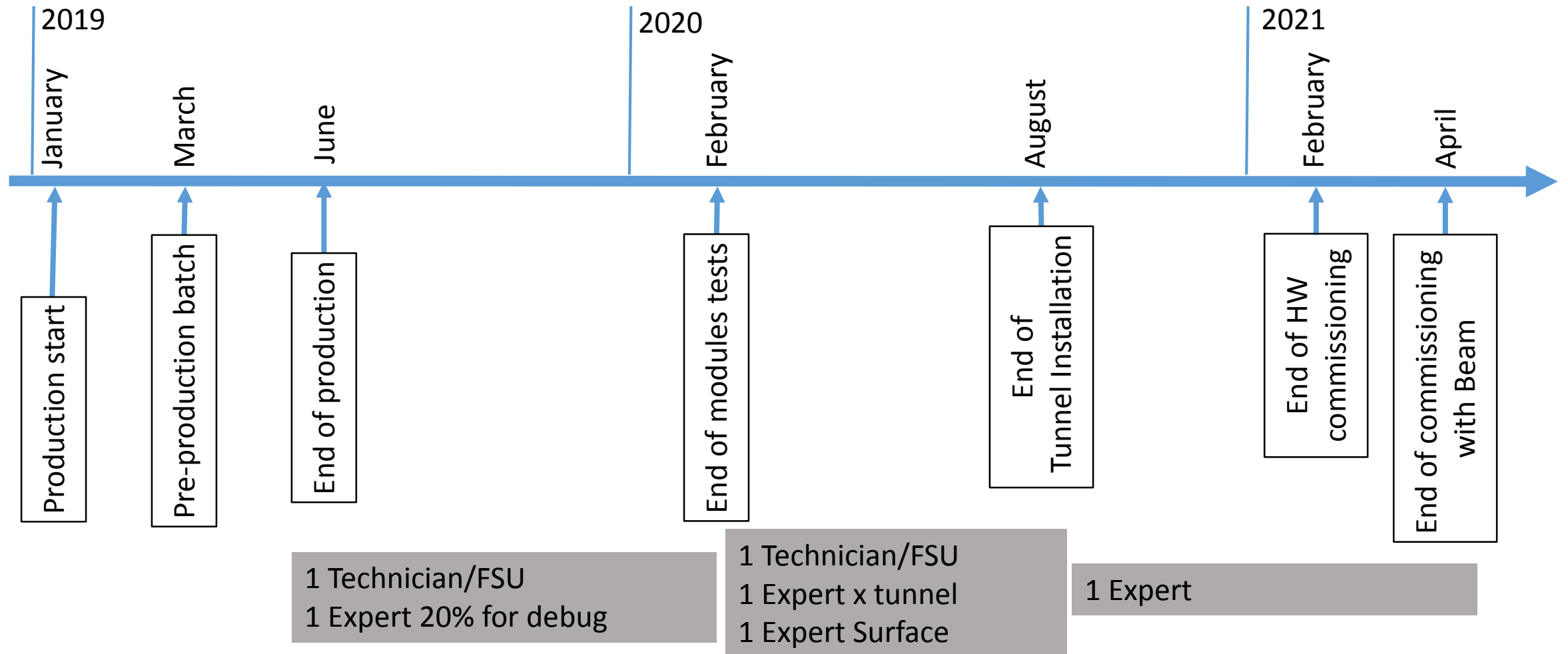
SPS BPM system renovation

Roadmap & Milestones

Production and installation in LS2



Production and installation in LS2



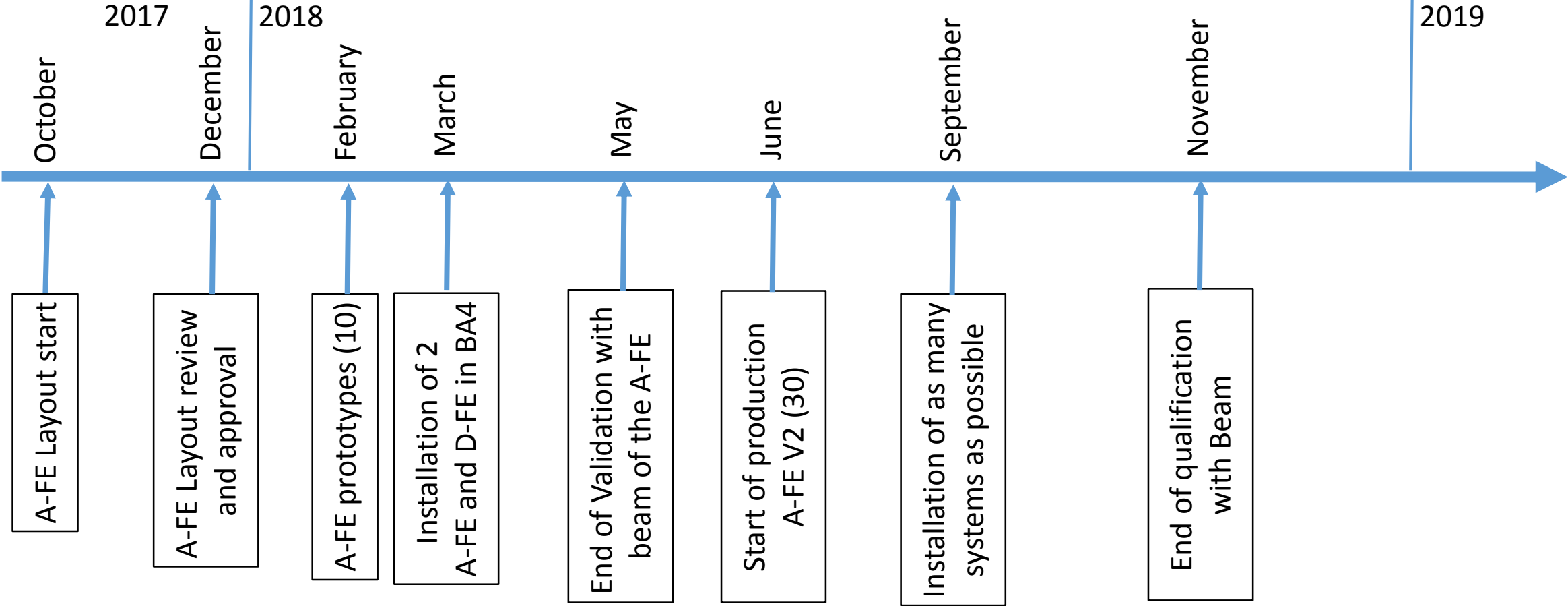
End of 2016 – 2017: issues and delays

- November 2016: observed saturation with high intensity trains
 - Redesign of the analogue front end (see Manfred presentation)
- February 2017: confirmation that the expected radiation level is increased
 - Split of the GEFE in L-GEFE and C-GEFE
- July 2017: crosstalk on the input LP filters of the BDF (ADC)
 - Filters moved outside the board

Status in October 2017

- VFC: contract being awarded. Production in 2018
- [L-,C-]GEFE:
 - 36 GEFE available for tests
 - L-GEFE layout done. February 2018 first prototypes
 - C-GEFE layout done. February 2018 first prototypes
- BDF (ADC FMC): full production being assembled
- Analogue Front-End (A-FE): see Manfred presentation

End 2017 – 2018: roadmap to LS2



End 2017 – 2018: roadmap to LS2

