



Intro: Future of Heavy-Ions & Hard Probes

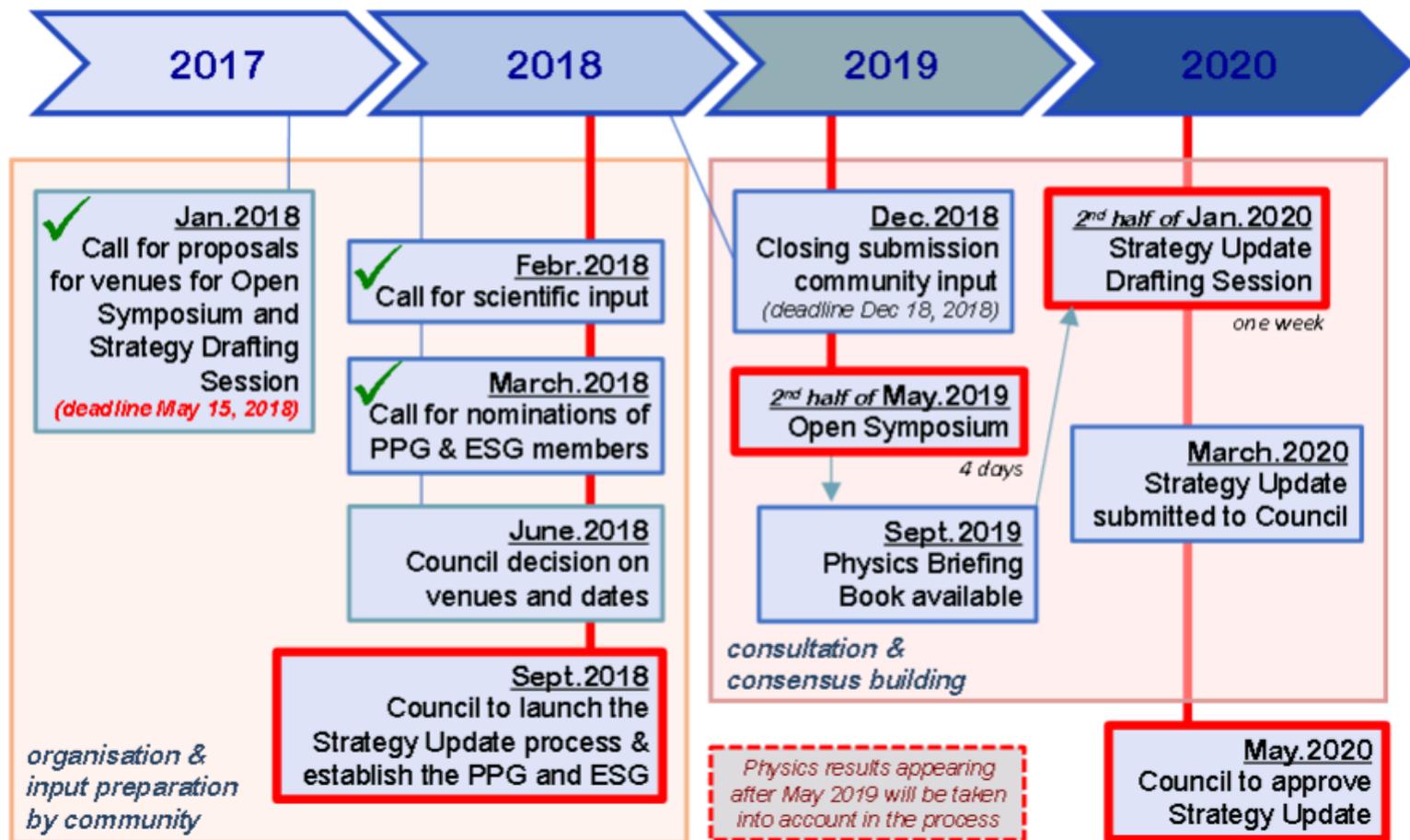
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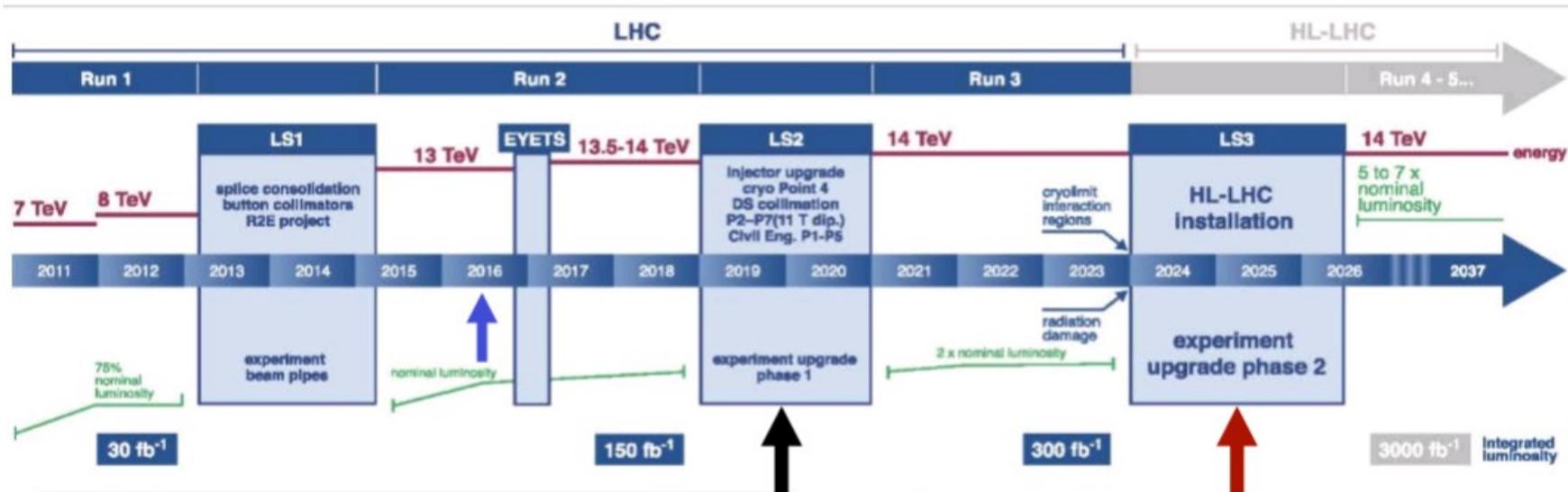
4th Oct. 2018

European Particle Physics Strategy Update



Heavy-ions at HL-LHC (>2026)?

HL-LHC schedule



- LS2 (2019-2020):
- LHC Injectors Upgrade (LIU)
 - Civil engineering for HL-LHC equipment P1,P5
 - First 11 T dipoles P7; cryogenics in P4
 - Phase-1 upgrade of LHC experiments

- LS3 (2024-2026):
- HL-LHC installation
 - Phase-2 upgrade of ATLAS and CMS

Schedule driven by radiation damage to inner triplet (eol: 2023)



Future high-energy heavy-ions colliders

