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LHC Schedule according to MTP2015

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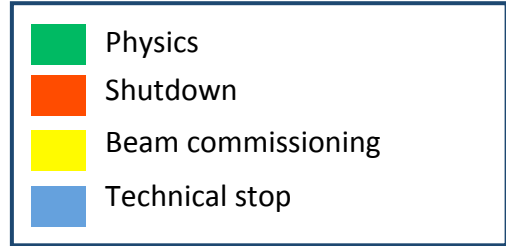
# Scientific Strategy

## - LHC

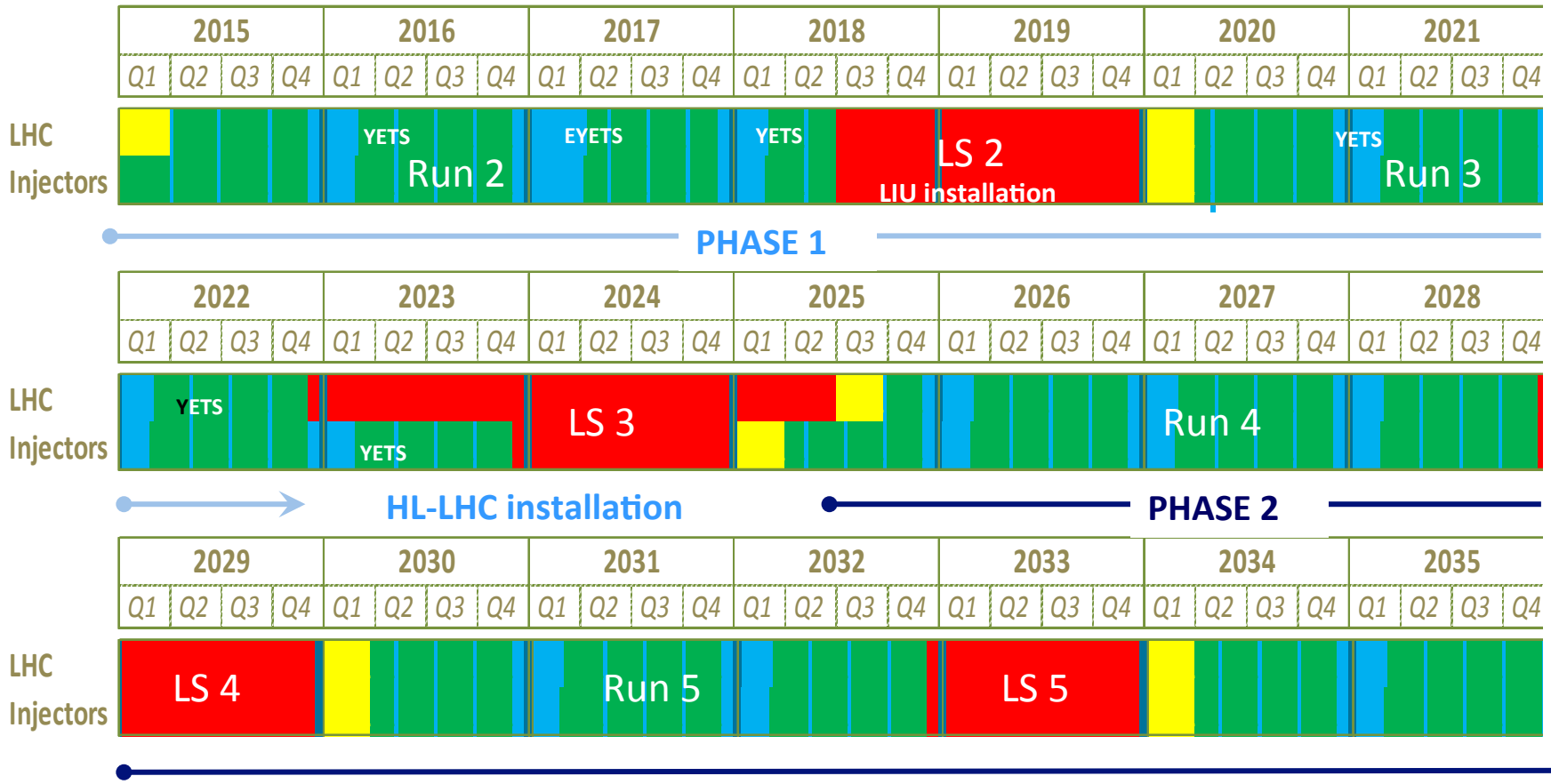
- Review overall LHC schedule
  - Adapt LHC Run II period, its length and the subsequent LHC Run III.
  - Postpone start of LS 2 to end 2018
- Optimize programme for LS2
  - Apply lessons learnt from LS1.
  - Limited manpower vs. possible simultaneous interventions
  - Prolongation of the LS2 to arrive at 2 years.
- Implement outcome of HL-LHC & LIU CSR
  - Strike balance between luminosity & technical feasibility as function of time and affordability.
  - Later start by one year of LS3 (also to ease funding for non Member States and collaboration funding)
  - Civil engineering for HL-LHC to be completed during LS2 to allow for installation of technical infrastructure
  - Scrutiny exercise ongoing and schedule optimization (work packages delayed to LS 4 and work packages taken on by consolidation headings)

# LHC roadmap: schedule beyond LS1 (MTP 2015-2019)

LS2 starting in 2018 (July) => 18 months + 3 months BC  
 LS3 LHC: starting in 2023 => 30 months + 3 months BC  
 Injectors: in 2024 => 13 months + 3 months BC



(Extended) Year End Technical Stop: (E)YETS



# LHC roadmap: according to MTP 2016-2020 V1

LS2 starting in 2019 => 24 months + 3 months BC  
 LS3 LHC: starting in 2024 => 30 months + 3 months BC  
 Injectors: in 2025 => 13 months + 3 months BC

