



Long Shutdown 2 (LS2)

LS2 Team

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Long Shutdown 2 (LS2) Project

Project Scope & Mandate of LS2 coordinator (1/2)

- The project scope **covers all activities** carried out and resources needed in the context of Long Shutdown 2 **over the whole CERN accelerator facilities.**
- The mandate of the project coordinator includes:
 - Prior to the start of the LS2, the **definition of main works to be achieved** over the LS2 and of potential options based on priorities given to activities. This study shall highlight in particular LS2 duration and resources needed for each option and be presented to the Directorate **by Q3-2016** for final decision;
 - The definition of a **CERN-wide “resource-loaded planning”**, ensuring the compatibility of resources and planning across the LHC Machine and LHC Experiments;



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Project Scope & Mandate of LS2 coordinator (2/2)

- The **preparation, coordination and follow-up till completion** of all LS2 activities in the frame of the LIU, HL-LHC Projects and other CERN approved projects. Work packages will define:
 - The work absolutely essential to achieve the LS2 objectives (activities which will bear a Priority 1-2), which execution will be closely followed up by the LS2 Coordinator;
 - The work which can be postponed to the LS3 (activities which will bear a Priority >2), which impact on LS3 will be assessed by the LS2 Coordinator.
- The **flexibility to use the end-of-year technical stops before and after the LS2** to decrease the load of the LS2 is left at the discretion of the LS2 coordinator and **is also part of the scope of the project.**



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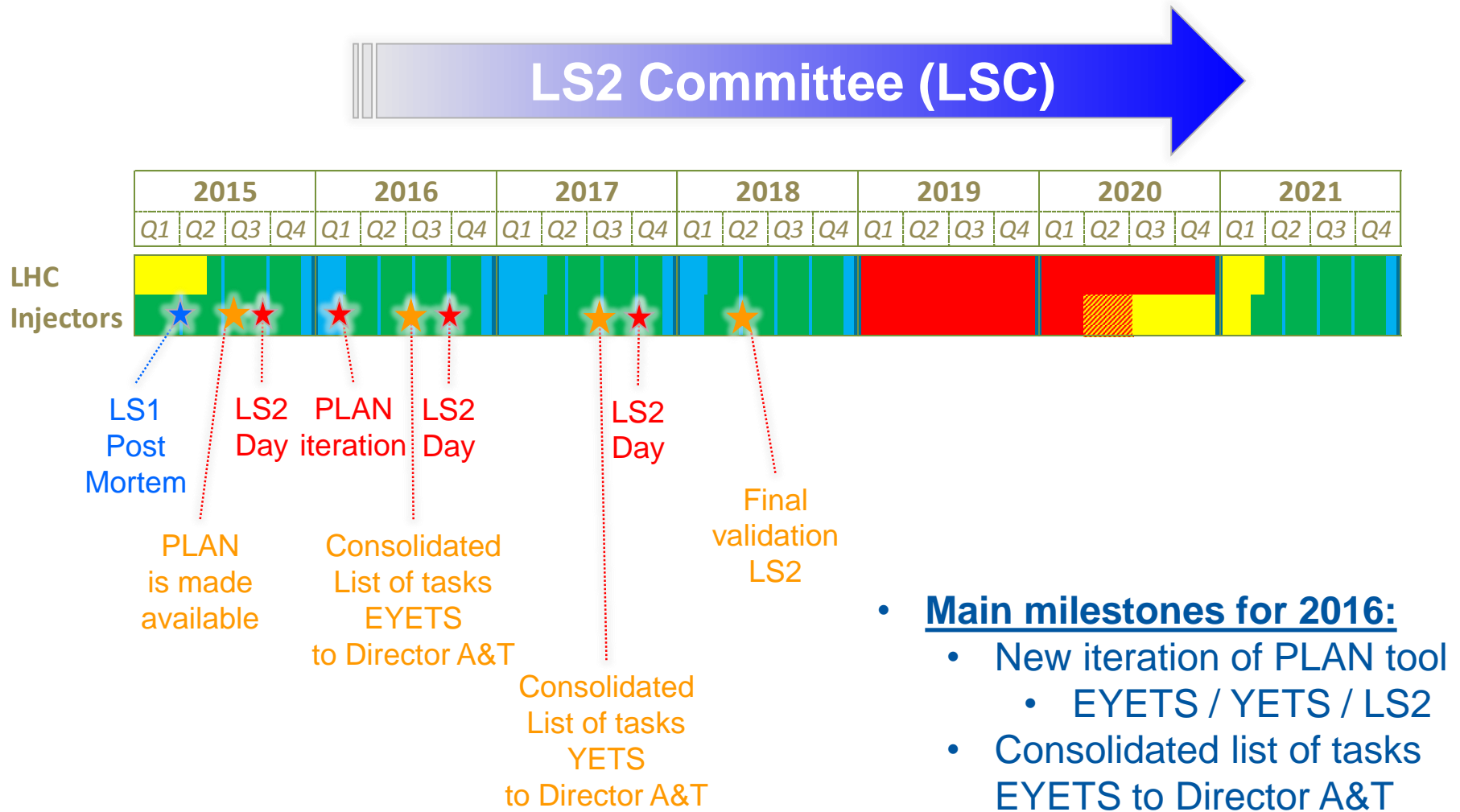
“Priority” definition

1. Safety
2. Activities needed to reach 300fb^{-1} during run 3
 - Includes high priorities of the LHC Detectors
3. HL-LHC & LIU projects
4. Approved projects
 - 4a. Approved project if budgeted*
 - Pending Accelerator Consolidation Day
 - Arbitrations for the MTP 2016-2020
5. Approved studies
6. Others



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Main milestones



- **Main milestones for 2016:**
 - New iteration of PLAN tool
 - EYETS / YETS / LS2
 - Consolidated list of tasks EYETS to Director A&T

