

# LS2 Days

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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 mid-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;

# Long Shutdown 2 (LS2) Project

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

### The mandate of the project coordinator includes: (cont.)

- 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**), 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.**

# Long Shutdown 2 (LS2) Project

## *Project Priorities*

- LS2 Priorities are, by decreasing priority:
  1. Safety
  2. Reliability of the accelerator complex
  3. Approved projects”
  4. Non approved projects

# Long Shutdown 2 (LS2) Project

## *Project Team*

- Project Leader José Miguel JIMENEZ
- Project Office Manager Jean-Philippe TOCK
- Project Planning Manager Katy FORAZ
  
- PLAN Data Quality Manager Rachelle DECREUSE-MICHAUD
  
- Project Safety Coordinator for LHC Thomas OTTO
- Project Safety Coordinator for Injectors Ana-Paula BERNARDES
  
- Still to be defined Hardware Commissioning in:
  - Injectors, TBD (one-for-all, -by-machines, -by Complex, team?)
  - LHC, TBD

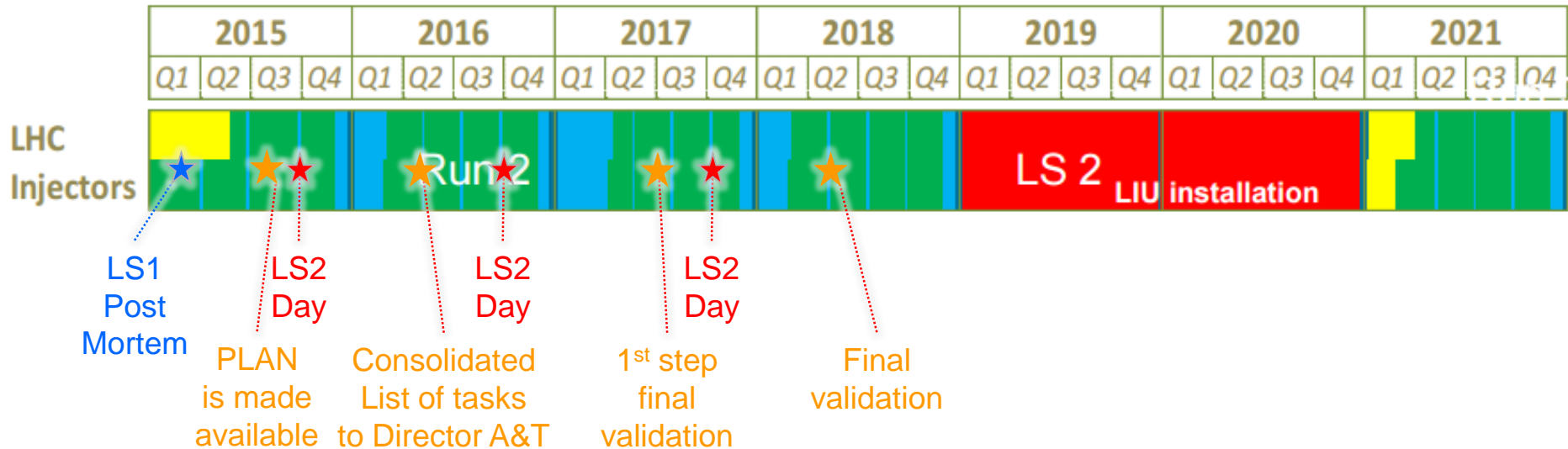
# Long Shutdown 2 (LS2) Project

## *Project Meetings*

- Executive LS2 Meeting with representatives of Projects, Experiments, Departments and HSE Unit
  - 8<sup>th</sup> January 2016
- LS2 Committees (LSC) as done for LS1
  - 20<sup>th</sup> November 2015
    - Mandate, Memberships, standard agenda,...
    - Feedback from LS2 days.
    - Plan status
    - Announcement of Chamonix 2016 LS2 session
  - 4<sup>th</sup> December 2015
    - Reminder of scope
    - Preparation of Chamonix (LIU/HL-LHC, non-/LHC Exp, PLAN+Schedule, Safety)
    - Priorities
  - Monthly meeting after Chamonix
    - Increasing recurrence right before and during YETS / EYETS / LS2

# Long Shutdown 2 (LS2) Project

## Main dates and milestones



- Main milestones:

- LS1 Post Mortem: 1<sup>st</sup> trimester'15
- Start date: Mid December 2018;
- Duration: 24 months (end 2020)
- Yearly "LS2 day" as of 2015
- Activities declared in Plan by end'15 both for injectors and LHC;
- March'16, definition of activities for EYETS 2016;
- Mid'16, definition of activities for YETS 2017 and LS2;
- Preliminary "final" validation: mid 2017.



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