



Contribution ID: 36

Type: **not specified**

EN-EL upgrade and consolidation

Wednesday 8 February 2012 17:50 (15 minutes)

EN/EL will have a huge program of work during LS1. All our projects are being organised in order to concentrate efforts for LS1 on tasks possible only during shutdowns of the machines. Therefore the EL program for the shutdown will commence early (January 2012) and will be completed later (2015). EN/EL is now starting to increase engineering resources so that newcomers will have at least a minimum period of time for training and integration. The scale of this increase in resources will be limited by the reasonable capacity of EN/EL core staff to manage it. In other words, not all the requested activities will be possible and prioritisation will be necessary.

Three different types of activities are planned and will be prioritized for the next long shut down:

- accelerators infrastructure maintenance,
- consolidation of aging elements of EN/EL infrastructure (part of a 15 years program to substantially increase the reliability and availability of the power distribution network).
- user requests (EN/EL estimates that only 50% of the LS1 requests are currently known). The main activities will be the contributions to the R2E project, the BE/BI upgrade projects and the RF upgrade project in SPS (BA3).

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Session Classification: S06 - LSI (II)