

Long-term Consolidation of the LHC Injector Complex

IEFC workshop

10th -12th February 2010



Introduction

- With SPL/PS2, the current injector chain must operate for LHC for 10-15 years
- Without SPL/PS2, the current injector chain must operate for the lifetime of the LHC (25+ years)
- What should we do to ensure this reliable operation?
 - 4 presentations LINAC2/4, PSB, PS, SPS
 - these presentations do NOT include upgrades (PSB@2GeV, SPS upgrade)
 - upgrades will affect potential consolidation work
 - do include EAST & NORTH area
- This session is a starting point
 - Present input from all Groups
 - Ideas, discussion...



Follow-up

- Next steps
 - Put all the information together
 - What is already covered elsewhere (existing Consolidation, LINAC4 project, other upgrades?? etc...)
 - What should be covered by Operations budget
 - General wear & tear, maintenance...
 - Try to make a coherent plan for what is needed and when
 - Directorate wants first feed-back by the end of March for the next MTP
 - Assign priorities
 - Include this work in existing Consolidation plan from 2011?
 - Planning
 - Take into account upgrade activities & LHC schedule...





Your Consolidation needs you

To help prepare a realistic plan