



# **WP 2 PROGRESS REPORT 2010**

**Thomas Otto (CERN) on behalf of the  
partner institutions CERN, CEA, CIEMAT ,(RAL)**

# COORDINATION FOR THE SLHC ACCELERATOR IMPLEMENTATION

## ○ Justification of WP 2

(Quoted from Gijs de Rijk)

- The LHC was, and the SLHC will be:  
“a project large and complex enough that a project manager cannot understand them simply by using his brain and the standard project management tools alone”
- For the LHC several tools were introduced to help the project management cope with its size and complexity (EVM, PPT, MTF, etc.)
- For the SLHC implementation we will need to improve on them due to ever increasing complexity ( scope definition, collaborations, spread over time, interference with ‘normal’ operation, etc).
- For SLHC the communication and information dissemination has to be organized (workshops, meetings, information repositories)



# FULFILLED COMMITMENTS OF WP 5

<b>Number</b>	<b>Milestone title</b>	<b>Delivery month</b>	<b>Nature</b>
2.1	Financial management system (initial version)	M18	Initial version released

<b>Number</b>	<b>Deliverable title</b>	<b>Nature</b>	<b>Delivery month</b>
2.2.1	Functioning collaboration communication structure	O	M12
2.2.2	Project web site linked to the technical databases: Machine layout database, hardware baseline database, project notes and reports	O	M12



# OUTSTANDING COMMITMENTS OF WP5 (1)

Number	Milestone title	Delivery month	Nature
2.2	EVM software (initial version)	M24	

Number	Deliverable title	Nature	Delivery month
2.1 1	Common fund, Financial Management System (software) and user requirements and user guide document	O	M30
2.1.3	Earned Value management system (software) with user requirements and user guide document	O	M36

This milestone and two deliverables concern only CERN.  
They will be addressed together with CERN's Administrative Informatics Support (AIS) Group

**Goal: deliverable reports in equal quality to those already submitted on -time to EC in Brussels**



## OUTSTANDING COMMITMENTS OF WP5 (2)

Number	Deliverable title	Nature	Delivery month
2.1.2	Quality Assurance plan for the implementation phase	R	M30

A CERN QA working group has just started  
Participants from Finance and Purchasing, Accelerator sector,  
Experiments and Safety

The goal is to update documents pertaining to quality of goods and services

sLHC needs to address QA in relation with the collaboration with other non-for-profit institutions (in-kind contributions, delegated manpower

Proposal to contribute to the QA WG with this goal and to receive feedback from the partners



# SPL COLLABORATION

- The international SPL collaboration will prepare an extended CDR for the Superconducting Proton Linac by end-2012.
- MoU in progress
- SPL collaboration and WP 2 are in the same spirit of the EC, fostering European collaboration in science and technology
- CERN makes an invitation to WP 2 partners to join the SPL collaboration (CEA is already a member)



# SUMMARY

- 3 commitments (1 Milestone, 2 Deliverables) concerning administrative structures of the accelerator collaboration essentially in CERN
- QA plan a useful occasion for collaboration between CERN and the potentially contributing partner institutes
- Partners are invited to join the SPL collaboration

