


LARGE HADRON COLLIDER UPGRADE

<http://cern.ch/SLHC-PP>

## WP2 status

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## SLHC sub-projects

### Two construction projects

- Linac4.  
The project organization of Linac4 was finalized in 2008 and the collaboration is defined and functioning. The management tools (eg. EVM) were modified and this project is now operational. This project is based in the BE department. To be ready for physics beam in 2013
- Inner triplet.  
The inner triplet project organization is finalized and the collaborations are defined. This project is based in the TE department. The same management tool are used as for Linac4. The installation is foreseen for shutdown 2013

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## SLHC sub-projects

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### Three project preparation studies

The study projects and study groups are CERN based in the BE department

These studies were supported by CARE-HHH networks and now by EuCARD-AccNet

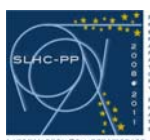
- PS2
  - Project study with conceptual design report in 2011 when a council decision on construction is envisaged
- SPL
  - Project preparation for a council decision on construction in time for PS2. Multiparty collaboration.
- SPS upgrade
  - Study to upgrade the SPS for high brilliance beams

### One luminosity upgrade network

- EuCARD-AccNet-Eurolumi
  - The study study groups was part of the CARE-HHH network and will continue in the EuCARD EuroLumi network. This group is based in the BE department

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## WP 2 deliverables

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Deliverables task 2.1	Description	Nature	Delivery date
2.1.1	Common fund, Financial Management System (software) and user requirements and user guide document	O	M30
2.1.2	Quality Assurance plan for the implementation phase	R	M30
2.1.3	Earned Value management system (software) with user requirements and user guide document	O	M36

Deliverables task 2.2	Description	Nature	Delivery date
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

OK, report to be written

Project pages ok,  
Top page being made,  
report to be written

Milestones	Description	Nature	Expected date
2.1	Financial management system (initial version)	P	M18
2.2	EVM software (initial version)	P	M24

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## Budget

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- The organizational work was done by the SLHC project office
- The tools were developed for the sub-projects
- No EC budget part touched in first year
- In second year PM budget will be spend on:
  - Project office person-power (0.5 FTE),
  - fellow for the AIS tools (finalization EVM + user support)
  - web page construction (1 month subsistence)
- The partners (CEA, STFC and CIEMAT) are working out a proposal for networking for SLHC (workshops, meetings)