

SLHC-PP WP2: Coordination for the SLHC accelerator implementation, agenda for the kick-off meeting

1. **Introduction to WP2 (20', G. de Rijk)**
2. **Work plan: Detailed work distribution between the partners**
 - * **Task participation and responsibilities per institute and unit**
 - * **List of members for each institute and their function (for the first year)**
3. **Management plan (detailed planning)**
4. **First discussion for each task**
5. **AOB**



SLHC-PP WP2: Coordination for the SLHC accelerator implementation, participants

CEA-DSM-IRFU	J-M Rifflet*
CERN-AT	P. Fessia, G. de Rijk*, L. Rossi*
CERN-DSU	G. Guignard
CERN-IT	J. de Jonghe*, M. Ropka*
CERN-LHC	V. Zorica*
CNRS	B. Laune
CIEMAT	M. Aguilar-Benitez
STFC-RAL	S. Canfer*, J. Rochford*

*** WP member**

members not present in the meeting:

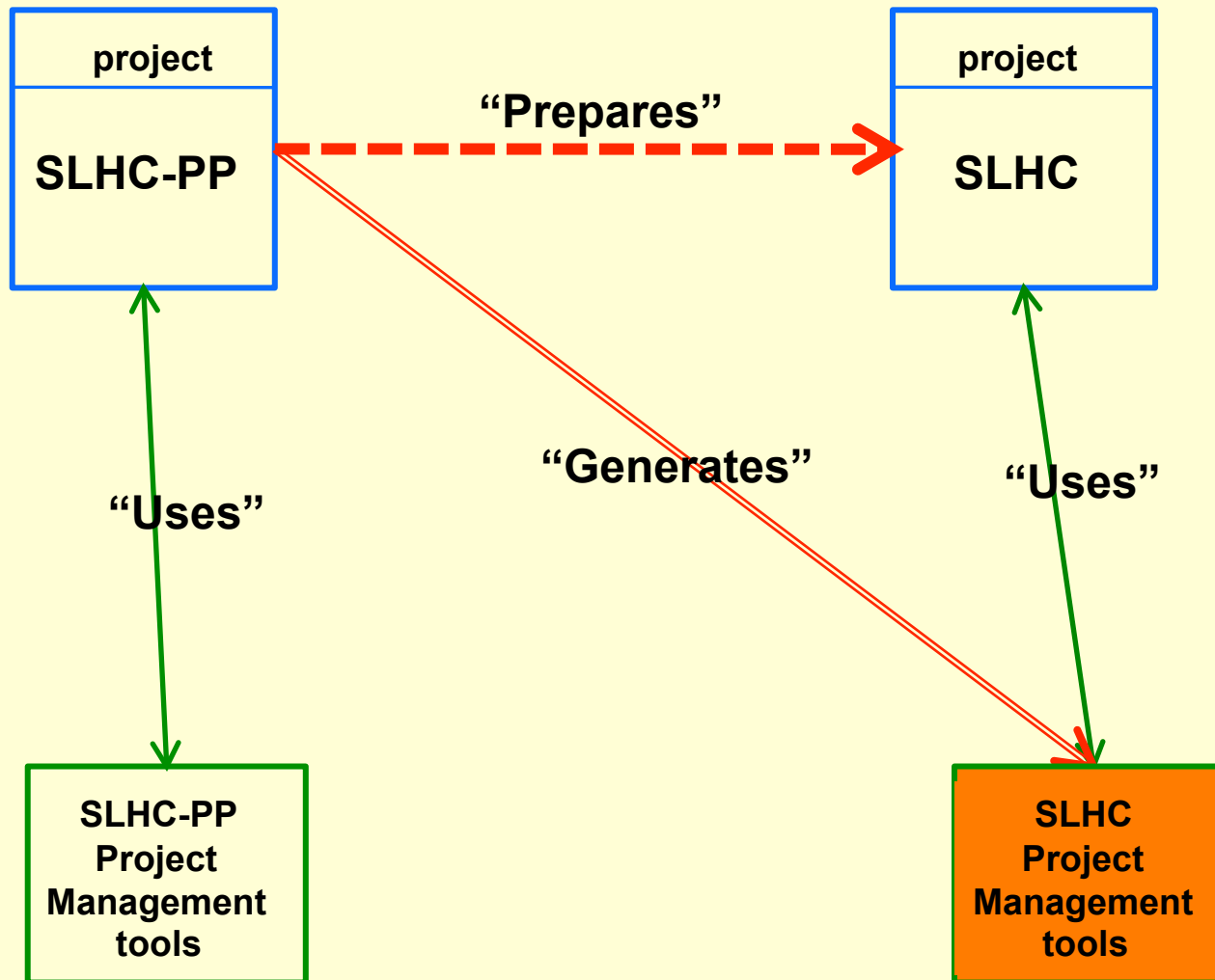
CEA-DSM-IRFU	A. Dael*
CIEMAT	F. Toral*

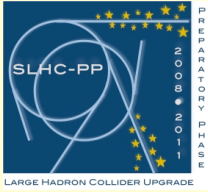


Coordination for the SLHC accelerator implementation

- ◆ The project definition and set-up phase should be seen as happening before the ‘real’ project starts. It is not part of the project itself.
- ◆ For large projects, the definition and setting up of a project can be seen a project of it’s own
- ◆ SLHC-PP is such a “project definition and setting-up” project
- ◆ 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 PM 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)

Summary in one picture





SLHC-PP WP2: Task 1

- ◆ **Task 2.1 Project Management preparation**
 - **2.1.a Set up the project monitoring structures.**
 - **2.1.b Set up a finance management system for the implementation.**
 - **2.1.c Set up a quality assurance (QA) plan for the implementation phase.**

These sub-tasks all have 3 phases:

Setting up of the specification WGs

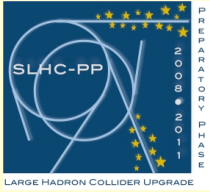
- **general activity of all WP members**

Specification of the tools

- **Dedicated working group**

Implementation of the tools

- **Probably CERN-IT-AIS**



SLHC-PP WP2: Task 2

- ◆ **Task 2.2 Networking and communication**
 - **2.2.a Set up collaboration communication structures.**
 - **2.2.b Set up the storage and dissemination of the technical information and knowledge.**

For both sub-tasks: Input from the SLHC upgrade program and collaboration forming needed to start the task



SLHC-PP WP2: Deliverables and Milestones

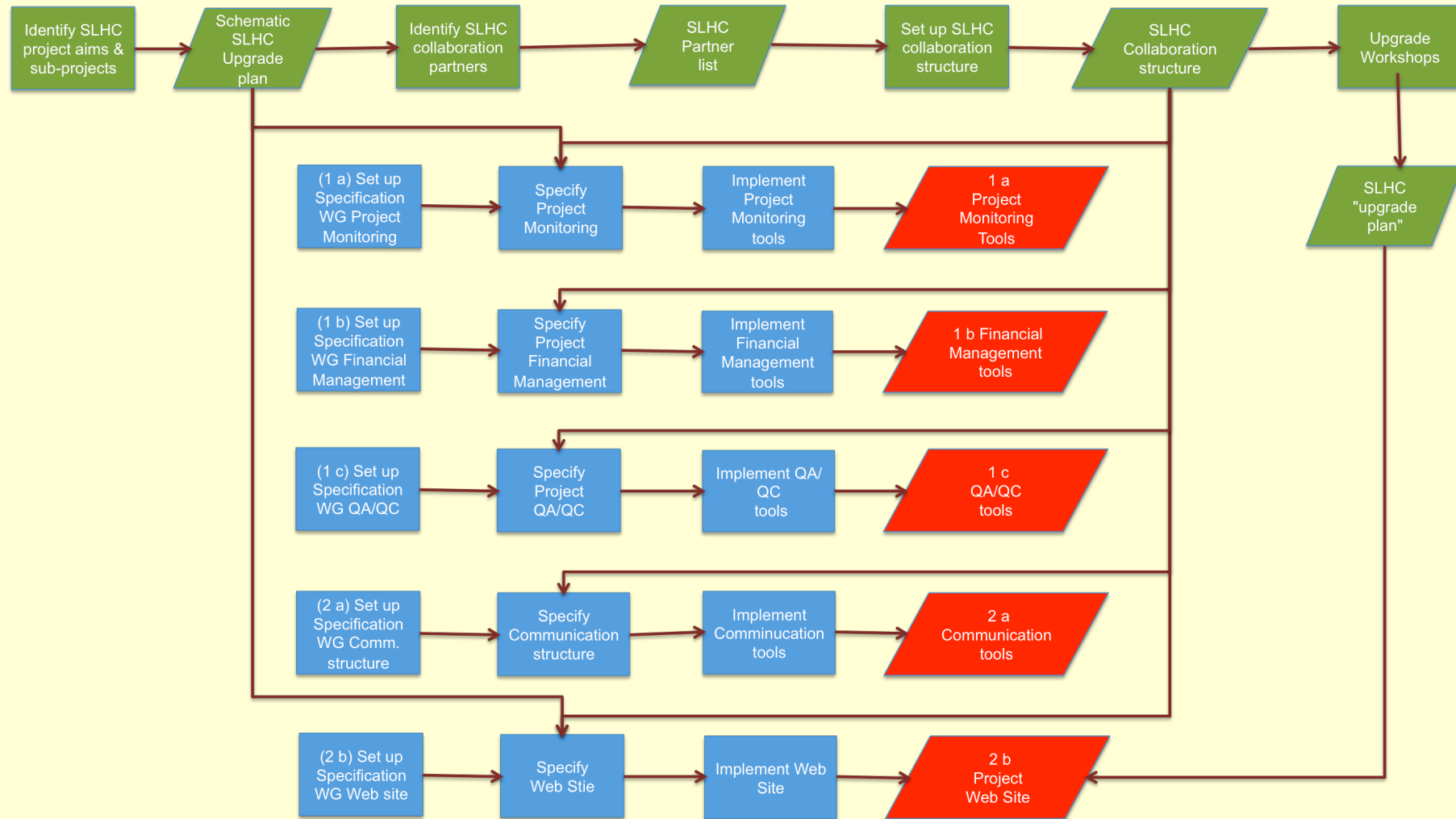
Deliverables task 2.1	Description	Nature	Delivery date
2.1.1	Common fund, Financial Management System (software) and user requirements and user guide document	O	M30
2.1.2	Quality Assurance plan for the implementation phase	R	M30
2.1.3	Earned Value management system (software) with user requirements and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

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



Work flow





Management Plan (Detailed Planning)

		year 1												year 2												year 3														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36			
		2008												2009												2010												2011		
task	WP	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M			
2.0	Set up SLHC collaboration	[specification phase]						[execution / implementation phase]						[execution / implementation phase]												[execution / implementation phase]														
2.1 a	Set up the project monitoring structures	[specification phase]						[specification phase]												M			D																	
2.1 b	Set up a financial management system	[specification phase]						M												D																				
2.1 c	set up a Quality Assurance plan	[specification phase]						[specification phase]												[specification phase]			D																	
2.2 a	Set up collaboration communication structures	[specification phase]						D																																
2.2 b	Set up the storage and dissemination of information	[specification phase]						D																																
2.2 b2	Upgrade workshops	W						W												W						W														
		[specification phase]						[execution / implementation phase]																																

‘internal milestones’ still to be defined



SLHC-PP WP2: remarks

◆ Points made during the meeting

- The identification of the SLHC program is needed to start the formation of the collaboration(s). This is a common activity with WP1.
- We consider the presentation of Lyn as a starting point for this
- This activity is to be done as a very first one in order to be able to advance with most of the WP2 tasks (next few months)
- The overlap with the CARE-HHH network should be exploited. HHH workshops should be integrated to naturally flow into the SLHC definition phase. The HHH workshop in Oct08 is a crucial event to profit from (but we need to start earlier)
- We still need to extend the number of CERN players (AB and AT staff) for the SLHC program identification and to give input for the tools specifications.



SLHC-PP WP2: remarks

- **We need to identify common parts between SATLAS and CMS2 with WP2 to profit from possibilities for common tools and to profit from their experience with large collaborations**
- **The SLHC-PP dissemination has to be organized in an early stage (WP dissemination responsible). We should actively stimulate the writing of papers and reports.**
- **A regular WP2 meeting schedule to start.**