

LIEBE Target

LIEBE Project Review Meeting

CERN, 30st Jan 2015

T. Stora

Work packages

WP definition	WP holder	Coordinator
WP1 : Coordination	CERN	T. Stora
WP2 : Conceptual Design and simulations	SCK-CEN	P. Schuurmans
WP3 : Construction, assembly	CERN	M. Delonca
WP4 : Instrumentation	CERN	T. Mendonca
WP5 : Safety and Licensing	CEA	A. Marchix
WP6 : Target characterization and analysis	PSI	D. Schumann
WP7 : Radiochemistry	SINP	S. Lahiri
WP8 : Offline commissioning	IPUL	K. Kravalis
WP9 : Online operation	CERN	T. Mendonca

Planning

LIEBE project planning - endorsed 2nd SC, Lisbon, Oct 2012

WP	Q3-12	Q4-12	Q1-13	Q2-13	Q3-13	Q4-13	Q1-14	Q2-14	Q3-14	Q4-14	Q1-15	Q2-15	2018
				<i>CERN-wide Long Shutdown 1</i>									
2 Design			1 st design	CFD, FEM		Final design							
3 Assembl						Techn. drawings	components	Procurement	Construction	Adaptation			
4 Instr.			Definition		Tests @ ipul/cern			software					
5 Safety		CERN authorities	Safety constraints	Risk analysis + RP			Risk analysis + RP II			Report	Beam permit		
6 Target charact					Release (Po...)	Inventory							Waste PIE
7 Chemist		Activation Pb/Bi			Compar MC code				Activation Pb/Bi-II				
8 Offline		Test pumps IPUL	Test IPUL CERN						commissioning	commissioning	Cold check-out		
9 Online		Operational parameters		Definition of online tests				Modif target area I			Modif target area II	1 week online – Report	Final report

What did happen ?

Kick-off May 2012



We are here

Review panel

Composition :

R. Catherall (chair) – CERN – EN-STI (Isolde)	(richard.catherall@cern.ch)
S. Dementjev – PSI – GFA (Large Research Facilities)	(sergejs.dementjevs@psi.ch)
S. Marzari – CERN – EN-STI (Isolde)	(stefano.marzari@cern.ch)
S. Roesler – CERN – DGS-RP	(stefan.roesler@cern.ch)

Mandate :

To provide the project team with an external evaluation of the present technical design and foreseen activities in the project

The panel is asked to provide advises based on the respective technical fields of expertise of the members

This milestone should let the project enter a more active phase of prototyping and offline tests

*Jun 2014
A large part of this meeting will be dedicated to
discuss the progresses and comments following this review*

On the agenda

Progresses in the design and prototyping phase, pump.

Revision of the planning and tasks

For the SC : discussions that GANIL wants to join the project

ENSAR II : rejection of LIEBE WP

Some highlights :

Presentation last year: HPTW (Melanie, Ana), Eurisol town meeting (Lucia), Isolde users workshop (Melanie), IPAC (Tania)

Publications : proceedings IPAC (Tania), NIMA (Donald), J Radioanalytical chem (Susanta),
Soon CERN report on the design

Any missing information ?

Sharepoint project site

<https://espace.cern.ch/isobeam/Pb-Bi-Loop/default.aspx>

