

The Cost Analysis for CompactLight Project

Evangelos Gazis/IASA - NTUA

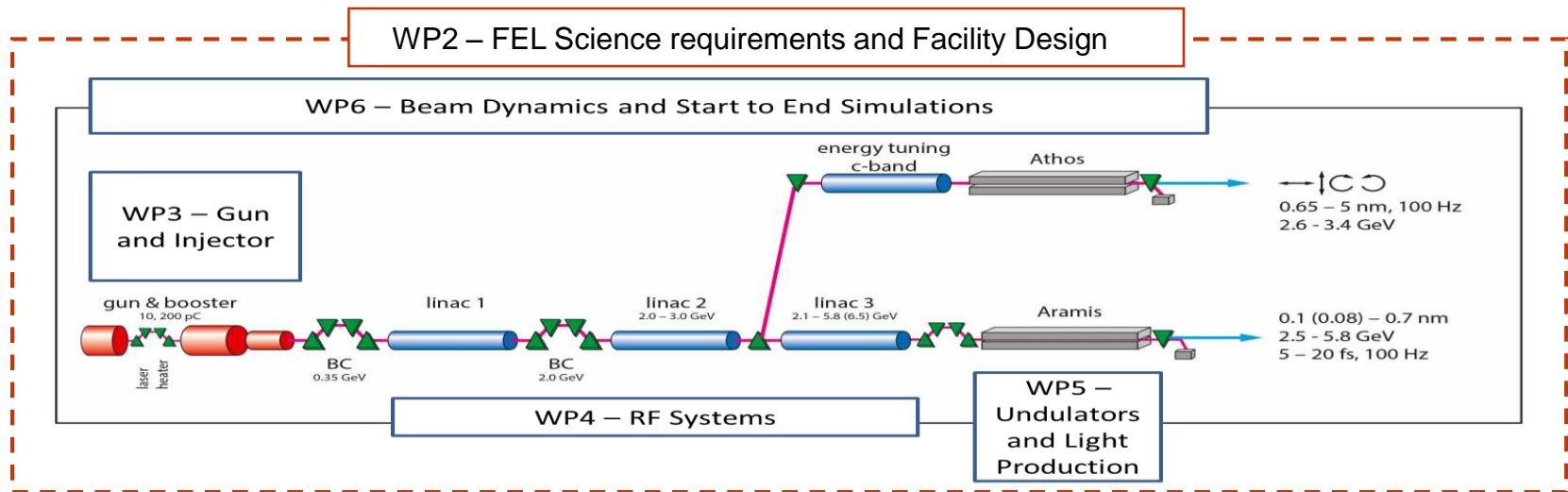
On Behalf of the Teams:

AUEB, ESS, IASA&NTUA

- The majority of our work for the COST ANALYSIS has been presented at Helsinki
- The PBS by Carlo Rossi is followed to describe the layout and the to define the cost
- A rough estimation with a draft proposal has been presented from Barcelona meeting
- A comparison of other facilities is indicative

This Carlo Rossi's slide at the Helsinki Meeting is basic

- The document organisation can be based on the XLS machine layout and arranged in a multi-level structure, in the form of a Project Breakdown Structure (PBS)



PBS and SPECIFICATIONS

2013 PRICES

		XLS	Euro-XFEL	LANL-SC FEL
1	Electron Source	8	27	2.39
2	Linac1	9		
3	Linac2 and Linac3	15		
4	Bunch Compressors 1 and 2	15	9	0.36
5	Kicker and Spreader	10		
6	FEL1 and FEL2	9	24	4.78
7	Beam Dumps	10		
8	Machine Control and Protection	8		
9	Infrastructure and Services	8	19	
10	Access Control and Safety	8		
11	Site and Civil work	0	17	16.43
12	Cryomodules			47.38
13	Cryogenic plant			15.29
		100	100	100.00