





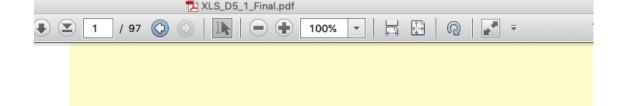
Federico Nguyen - ENEA On behalf of the WP5 Group

CompactLight Midterm Review Meeting – Helsinki, July 2nd 2019



Deliverable D5.1: mission accomplished





Yes: it's almost 100 pages!

Definitely comprehensive an overview: details are in there!

Very many thanks everyone!

XLS Deliverable D5.1

Technologies for the CompactLight undulator

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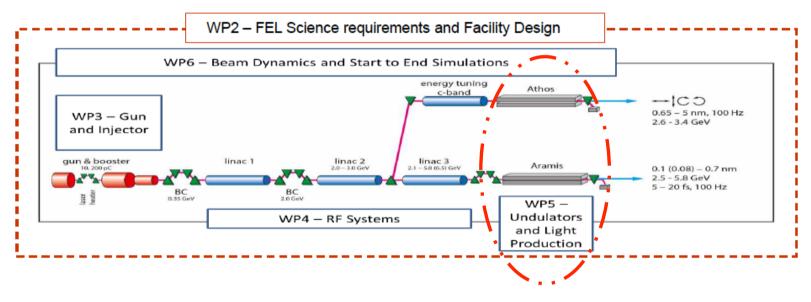






The document organisation can be based on the XLS machine layout and arranged in a multi-level structure, in the form of a Project Breakdown Structure (PBS)

From Carlo Rossi, Yesterday



We have to provide inputs here

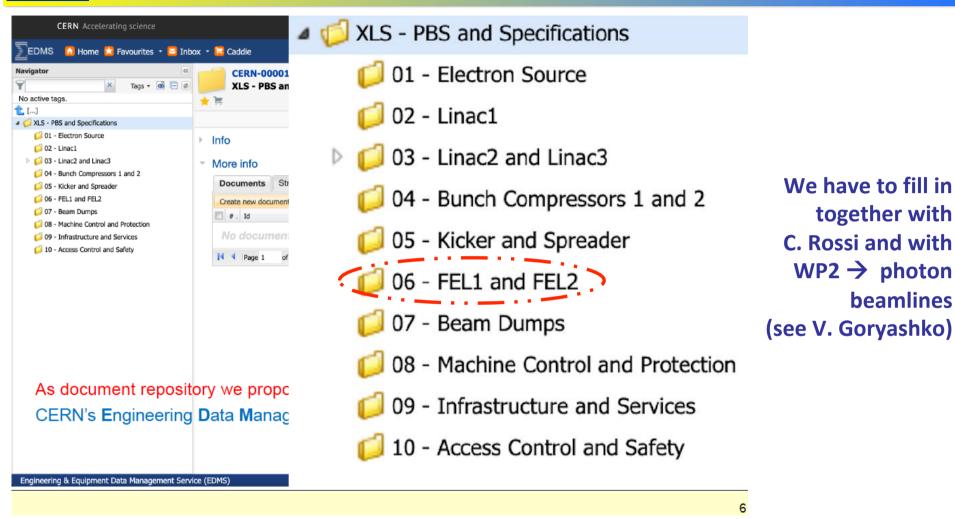






Next #1: integration within PBS





From Carlo Rossi, Yesterday







WP5 activity plan within 18 months ahead of us towards D5.2

- > Very innovative undulator technologies are in place and have been described
- > Full description possibly available coming from RADIA or OPERA studies
- ➤ Most promising or representative CompactLight electron bunches described as 6D distributions available, too
- To-do's related to the undulators: a technology risk model and some tolerance studies (featuring matching+FODO optimization, deteriorating effects) on the FEL performance







Thank you!

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