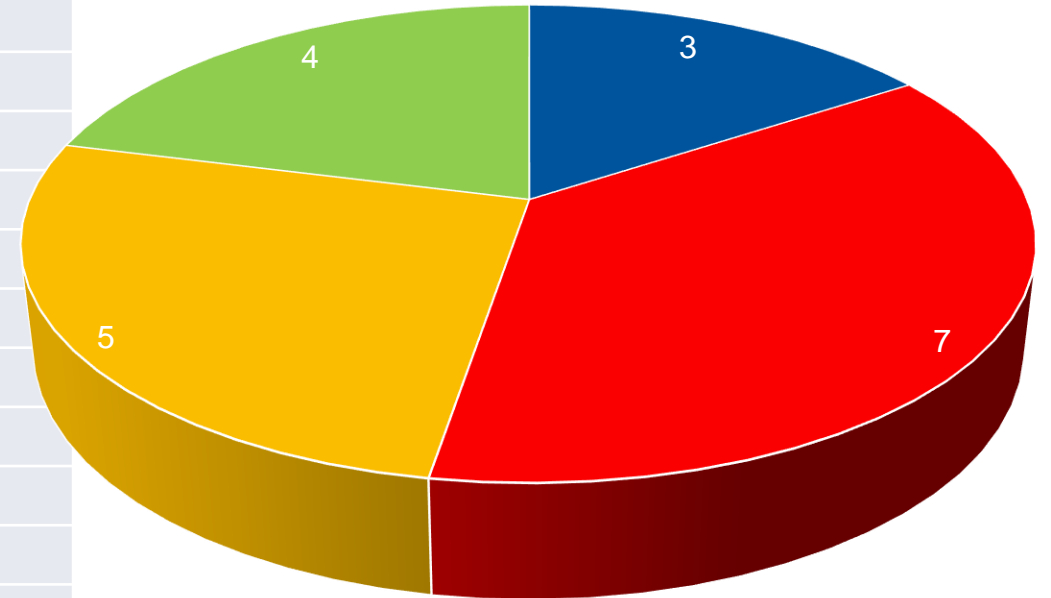


Technologies chapter

N. Catalan Lasheras

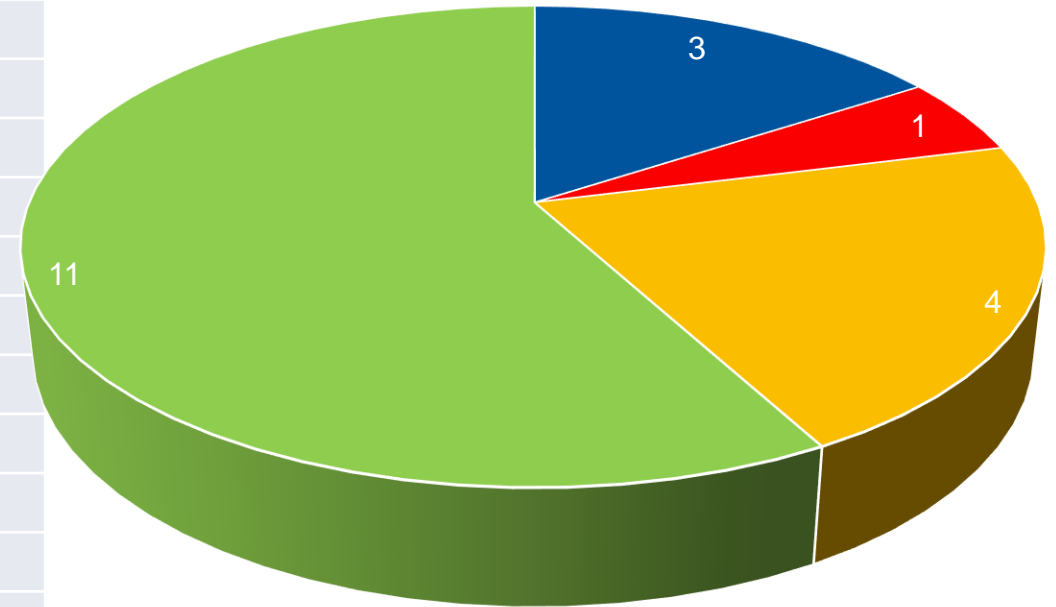
CLIC project meeting 26.06.2018

Sources and injectors	S. Doebert
Magnets	J. Bauche
PETs and all acc. structures	<u>N. Catalan Lasheras</u> , S. Doebert, A. Grudjev, I. Syratchev
Klystrons	<u>O. Brunner</u> , S. Doebert, G. McMonagle, I. Syratchev
Modulators	<u>O. Brunner</u> , D. Aguglia, G. McMonagle
Module	C. Rossi
Pulse compressors	I. Syratchev
Vacuum	C. Garion
Instrumentation	T. Lefevre
Beam transfer	M. Barnes
Beam interception devices	TBD
MDI	L. Gatignon
Beam dumps	TBD
Controls, timing, feedback	M. Draper
Machine protection	M. Jonker TBD
Alignment	H. Mainaud Durand
Stabilization	K. Artoos
Ground motion measurements	L. Brunetti
Wigglers	<u>D. Schoerling</u> , P. Ferracin



- No author identified
- Not started
- Expected in the next weeks
- Draft received and being revised

Sources and injectors	S. Doebert
Magnets	J. Bauche
PETs and all acc. structures	N. Catalan Lasheras , S. Doebert, A. Grudjev, I. Syratchev
Klystrons	O. Brunner , S. Doebert, G. McMonagle, I. Syratchev
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Ground motion measurements	L. Brunetti
Wigglers	D. Schoerling , P. Ferracin (Promised for 15 th August)



- Editors
- Not started
- Expected in the next weeks
- Draft received

General comments

- 3 pages for each topic
- 2 pages for those subjects where no major changes have been done since the CDR
- Needs to be self-contained.
 - No need to read the CDR to understand how the system is built or how critical is to CLIC
 - Of course CDR and references required for understanding the details
- Work to be done in the next phase, preparation phase will be the subject of another report but needs to be substantiated here
- Reminds a conference paper outside your subject

Suggested structure

Introduction

- Reminder of the requirements from beam dynamics, power, cost, reliability, etc...
- Small description of the technology (resistive electromagnets, CAM movers, piezos, etc...)

Technical description

- Brief description of the technology used for CLIC Summary tables and selected figures.
Repeat from CDR if necessary without the details
- Add klystron case if applicable
- Clear state if we have a technical design, a working prototype or an established technology
- Performance achieved (or expected) or still open points

Work in progress

- Further work planned in the next 1-2 year and how this will alter the picture

[Refer to CDR and other publications for details!](#)

Review notes

- Review still ongoing
- In general concise papers with lots of references
- Still need to check for consistency across contributions
- Create a repository with the checked drafts for other editors