

Activities and news



Last meeting:

- 2015 CERN budget allocations as expected, now distributed on accounts
- [Annual report](#) done, and MTP (Medium Term Plan) planning started
- First budget estimate to Council and SPC in June

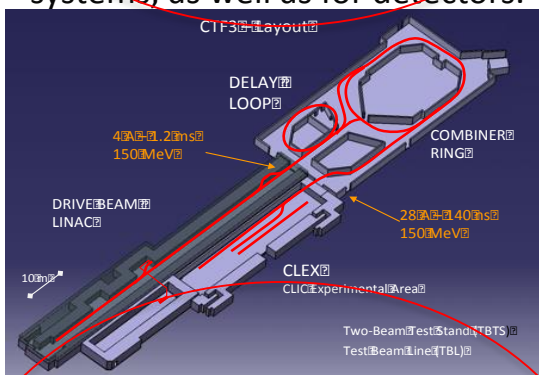
Budget proposal to Council/SPC next week, approval in September:

- General picture ... in words
- List of existing agreement between CERN and collaborators (50-60 of them, around 80 ph.d students, covers from “now” - > 2018)
- For CLIC/LC: As last MTP for 2015-17, reduction in 2018 and specially 2019 consistent with the goal of delivering a CLIC project plan by end 2018

Next: Match programme with this goals

2013-18 Development Phase

Develop a Project Plan for a staged implementation in agreement with LHC findings; further technical developments with industry, performance studies for accelerator parts and systems, as well as for detectors.



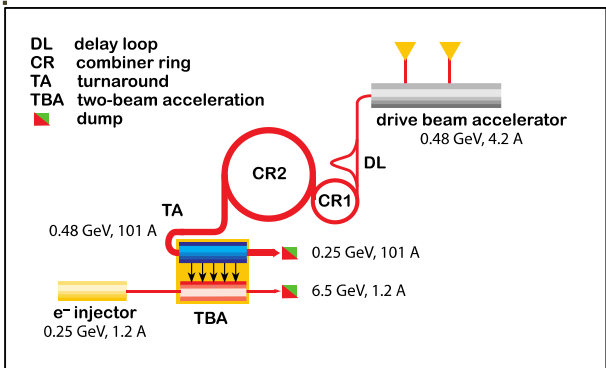
2018-19 Decisions

On the basis of LHC data and Project Plans (for CLIC and other potential projects as FCC), take decisions about next project(s) at the Energy Frontier.

4-5 year Preparation Phase

Finalise implementation parameters, Drive Beam Facility and other system verifications, site authorisation and preparation for industrial procurement.

Prepare detailed Technical Proposals for the detector-systems.



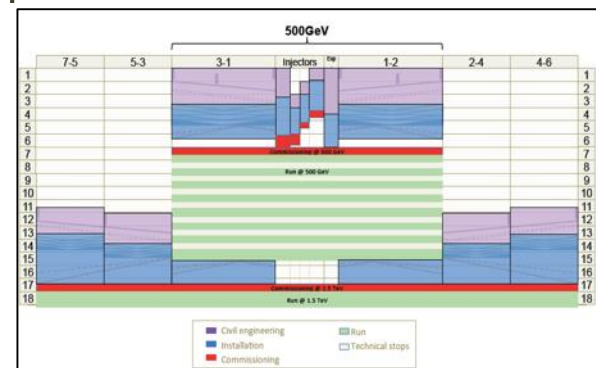
2024-25 Construction Start

Ready for full construction and main tunnel excavation.

Construction Phase

Stage 1 construction of CLIC, in parallel with detector construction.

Preparation for implementation of further stages.



Commissioning

Becoming ready for data-taking as the LHC programme reaches completion.

Deliverables by 2018 :



1. Summary project plan document (parameters, cost, power, site, staging, construction schedule, brief summary tech. issues (will be short), prep. phase (2019-2025) summary (see point below) (document 50-80p) – plus short version
2. Preparation phase plan document (critical parameters, status and next steps 2019-2025 - what is needed before project construction start up, strategy, risks and how to address them, inside and outside CERN, in industry) (document, but need short version soon (outline) to justify some of the activities the next years already)
3. Detailed documentation across project
EDMS/WBS based (exists to some level, “WBS” needed for cost, power) review and improve. Use for consistent technical documentation, results, notes/publication for each WP and/or activity
4. Techno transfer/spin-off paper including training (ph.d and fellows) can be done earlier (to consider)

Other:

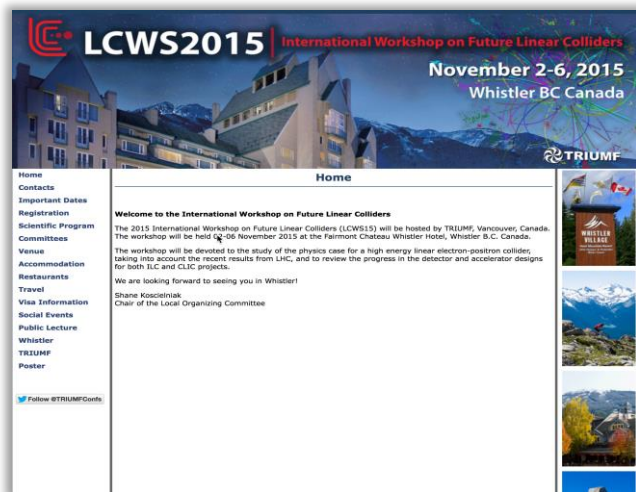
- LCB Programme Advisory Committee meeting in Orsay 13-14.4 – focused on ILC but with a CLIC presentation
- The Asian LC workshop took place at KEK 20-24.4. (<http://www-conf.kek.jp/alcw2015/>)
- Slides: <https://agenda.linearcollider.org/event/6557/session/13/contribution/5>

2015 Linear Collider School

- 26 October – 6 November, 2015 Delta Whistler Village Suites, Whistler, BC

2015 International Linear Collider Workshop, 2-6.11.2015, also Whistler, BC: <http://lcws15.triumf.ca>

CLIC workshop 2016, 18-22 January 2016



High Gradient Workshop 16-19 June 2015 - Tsinghua University (<https://indico.cern.ch/event/358352/>)

The 5th MEVArc (2-4 September 2015) Lapland Hotels Riekonlinna (<https://indico.cern.ch/event/354854/>)



Goals 2015



- Follow up new baseline parameters: Document them, make initial new power estimate (top down), preparation for re-costing and detailed power longer term (presented last time, document underway)
- Summarize beamtest plans at CERN beyond CTF3 (last meeting, document overview)
- EDMS updated for the project in view of collaboration information and future project plan documentation (work on collaboration information, not for project plan)
- **Prepare PAC and CMAC reviews (DONE)**
- Aim for “solid” results for the dogleg experiment, phase forward and module studies in CTF3 (hard to define a clear goal but should avoid have most of the programme squeezed into last months of 2016)
- Get all test-stands into full operation, and define new structures (3000 prime, 380) prepare for industrial production (disks and full structures)
- First results from the drive beam gun and sub-harmonic buncher
- Follow up XFEL collaboration plans and alternative funding schemes (attempt to follow XBFEL project plan)
- Define with ATF teams better the CLIC specific goals
- 2nd generation module plans to be firmed up and defined as a work-package (with budget and work-plan/sharing)
- Pursue the experimental program for CLIC damping ring technologies at ANKA (wiggler) and ALBA (stripline kicker) and pave the path towards future world collaborations in Low Emittance Rings (beyond EUCARDII)
- Summarize BBA progress and tools
- Review CLIC activities (after CERN budget outcome) including the major R&D contracts with collaboration partners (soon after signature for some, after ~1-1.5 year for others)