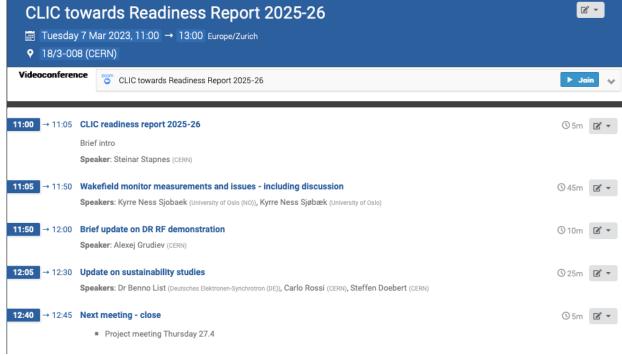


Main discussion points after the November meeting:

- Expected performance of wakefield monitors
- Prototyping of DR cavity (being very central for power reductions)
- Side remark: further possible handles in power, injector systems and magnets (not yet included permanent magnets)

In addition:

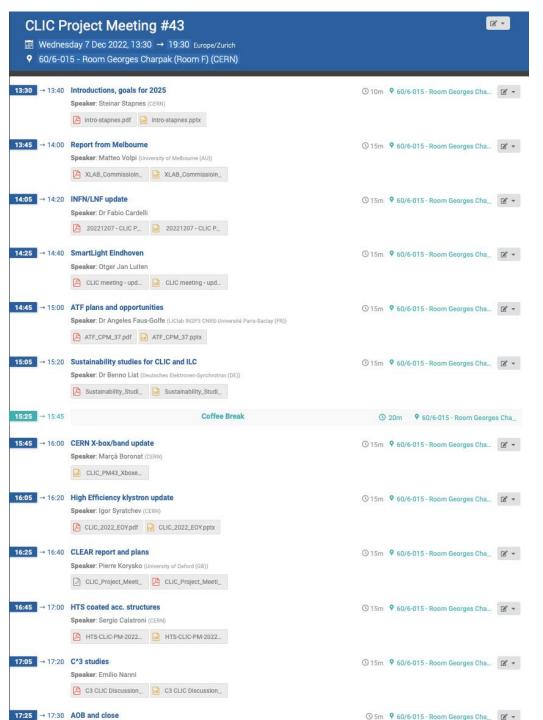
Sustainability beyond power, life cycle assessment



CLIC Project Readiness 2025-26

Goals for the studies by \sim 2025, key improvements:

- Luminosity numbers, covering beam-dynamics, nanobeam, and positrons at all energies. Performance risk reduction, system level studies
 - Substantial progress already documented in Snowmass report and associated references, remains a focus for beamdynamics, nanobeam related technical developments and positron production studies
- Energy/power: 380 GeV well underway, 3 TeV to be done, L-band klystrons
 - In Snowmass report for 380 GeV
- Sustainability issues, more work on running/energy models and carbon footprint
 - Initial studied in Project Implementation Plan (PiP) 2018, just referred to briefly in Snowmass report
- X-band progress for CLIC, smaller machines, industry availability, including RF network
 - Addressed by establishing improved baseline, CompactLight Design Study very important and many smaller setup. No complete
 documentation in PiP 2018 or Snowmass report 2022.
- RF design optimization/development including injectors, R&D for higher energies, gradient (cool/HTS/etc.), optimal beam parameters
 - Links to power, nanobeam and beamdynamics
- Cost update, only discuss changes wrt Project Implementation Plan in 2018
 - Possible impact of sustainability optimization, inflation?



Next project meeting:

Thursday 27.4 9:00-13:00

