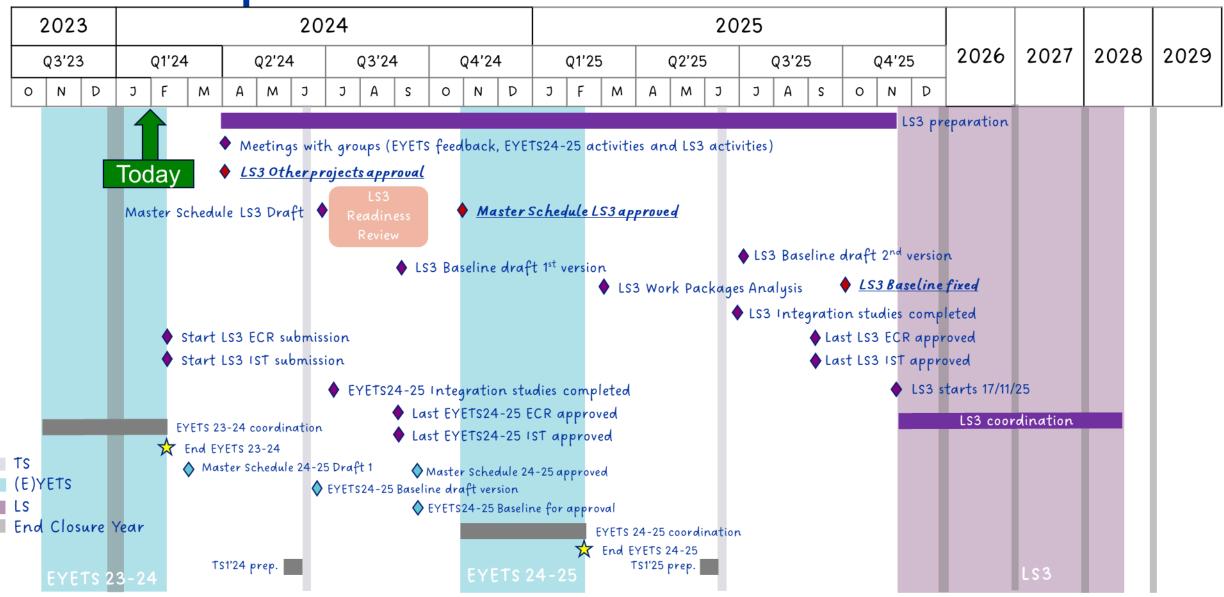




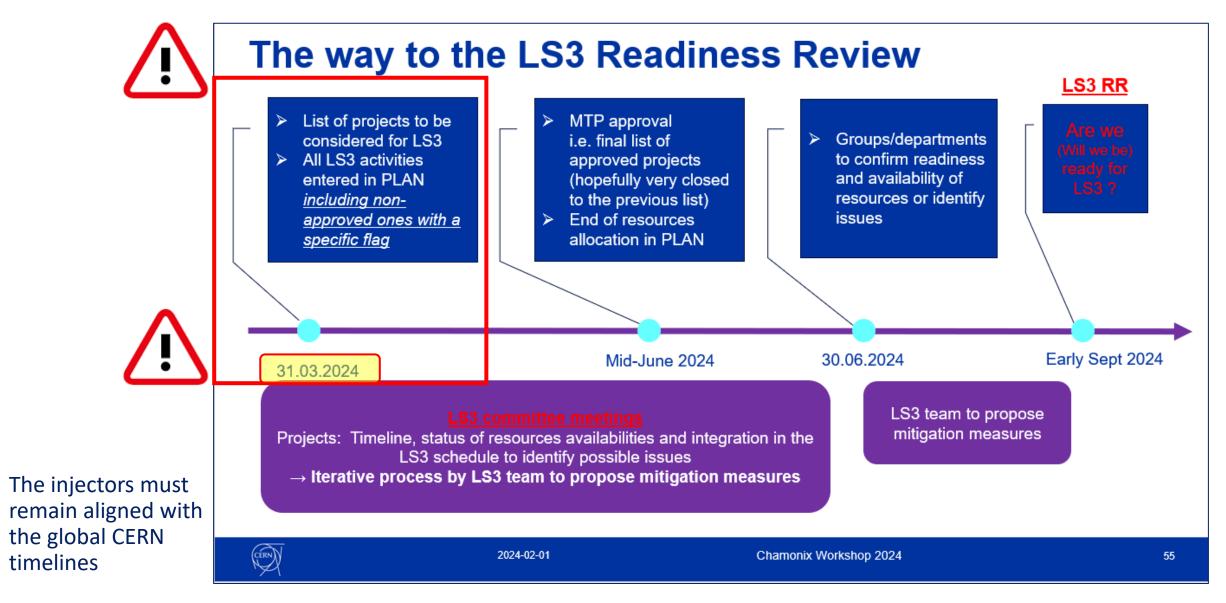
LS3 preparations

LS3 roadmap

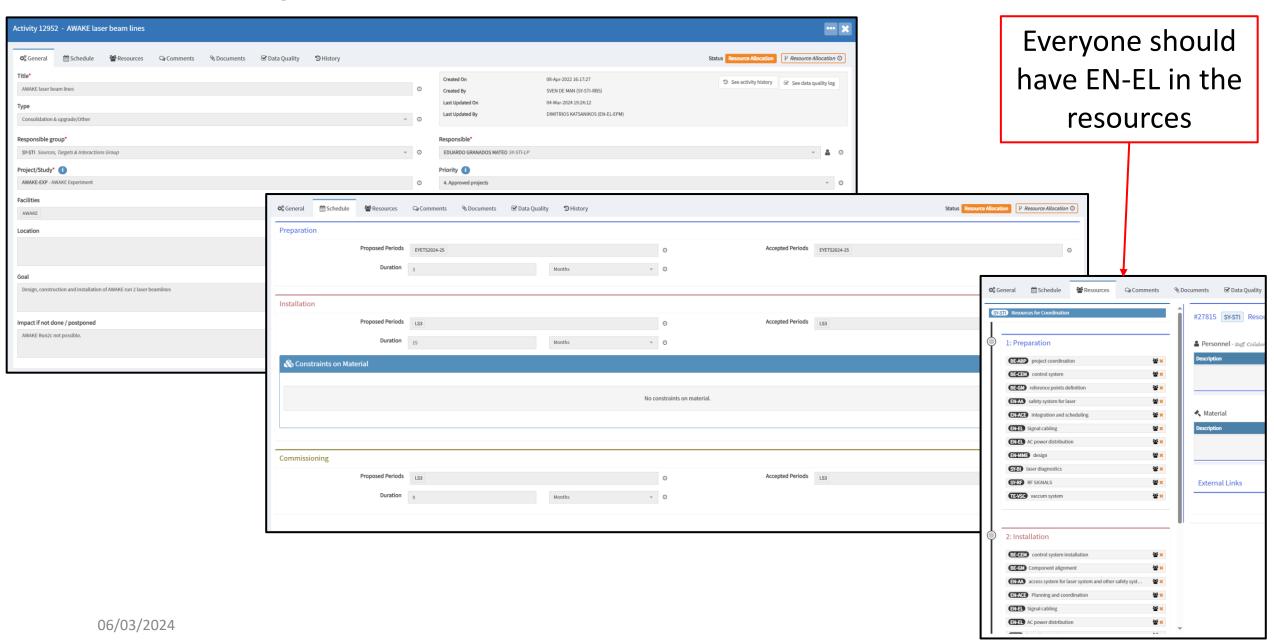


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Global CERN timelines



PLAN tool: plan.cern.ch



PLAN activities

To be filled before 31.03.2024

СР	Description	PLAN		
CP1	SPS beam, RF timing	one PLAN activity «Upgrade of SPS beam and RF timing in AWAKE»		
CP2	Proton & Electron beam lines	One PLAN activity «installation of proton and electron lines in AWAKE» Or two PLAN: "installation of proton line in AWAKE" + "installation of electron lines in AWAKE" + PLAN activity for EPC? "new converters for AWAKE"? + PLAN activity for magnets?		
CP3	Electron source	Installations of new Injector and SY-RF STEFFEN DOEBERT (SV high power RF equipment in AWAKE	RF- AWAKE-EXP Bu	EN-ACE-OSS, EN-HE-HH, SY-BI-BP, SY-EPC, SY-RF-CS, SY-RF-FB, SY-RF-MKS, SY-STI-LP, TE-MSC, TE-VSC-BVO
CP4	Infrastructure	▶ 12288 AWAKE - Upgrade project for the EN-CV ALEJANDRO MEJICA run 2 - PJ_389 RODRIGUEZ (EN-CV-PJ	4. Approved AWAKE-EXP AV projects	VAKE
		VIZAMPS WIC for AWAKE phase 2 TE-MPE RICHARD MOMPO (TE MI)	MPE- 6. Others AWAKE-EXP	WAKE BE-ICS, EN-EL
		✓ 12443 RP AWAKE LS3 HSE-RP JEREMY ROSSET-LAN (HSE-RP-IL)	HET 6. Others AWAKE-EXP A	WAKE EN-EL, IT-CS-DO
CP5	Laser beam line	✓ 12952 AWAKE laser beam lines SY-STI EDUARDO GRANADOS MATEO (SY-STI-LP)	4. Approved AWAKE-EXP AW projects	BE-ABP, BE-CEM, BE-GM, EN-AA, EN- ACE, EN-EL, EN- MME, SY-BI, SY-RF, TE-VSC
CP6	Beam instrumentation	AWAKE 18 MeV electron line new SY-BI STEFANO MAZZONI (S instrument layout PM)	-BI- AWAKE-EXP AW	AKE EN-EL, EN-HE, EN- MME, SY-ABT, TE- VSC
		AWAKE TT41 instrument layout SY-BI STEFANO MAZZONI (S modifications PM)	-BI- AWAKE-EXP AW	EN-EL, EN-HE, EN- MME, SY-ABT, TE- VSC
		AWAKE 150 MeV electron line SY-BI STEFANO MAZZONI (S new beam instrumentation PM)	-BI- AWAKE-EXP AW	BE-GM, EN-EL, EN- HE, EN-MME, SY- ABT, TE-VSC
CP7	Plasma cell technology			5

Cabling requests

- EN-EL cabling/de-cabling in preparation of LS3.
 - EL is preparing a memorandum asking for inputs for cabling and de-cabling activities
 - These activities (cabling/de-cabling/fibers, ...) must be requested by the groups to EN-EL before the 31st March 2024.
 - o Please invite Dimitrios to the coordination meeting, to present the EL stategy for LS3 (de)-cabling activities, as soon as possible
 - EL cabling team is able to give a feedback on the corresponding LS3 activities by mid April 2024
- Electrical Network activities:
 - A new structure is being implemented by EN-EL and will be communicated in the coming weeks
 - The electrical network activities will be ready for presentation by MID-APRIL 2024
 - o The presentation from EL for the LS3 activities must be foreseen after mid-April, in the frame of the LS3 preparation

Important dates for AWAKE:

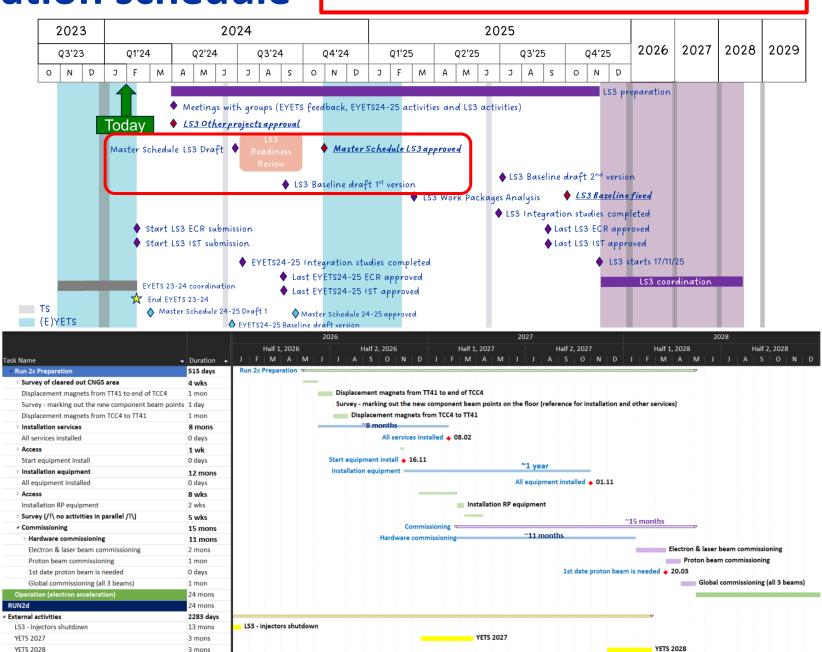
- Cabling request deadline = 31.03.2024
- Electrical network facility deadline = April 2024 ?

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AWAKE run 2c installation schedule

Draft planning expected for June 2024

- The LS3 roadmap foresees:
 - Master schedule by June 2024
 - LS3 readiness review
 September 2024
- For AWAKE, this means:
 - Review of run2c schedule
 - Identify which groups intervenes when
 - Probable bottlenecks = EN-EL
 & EN-CV activities for 2026



Summary

- Before 31.03.2024:
 - Send cabling requests to EN-EL
 - Enter your activity in PLAN
- In the coming months, to be finalised by June:
 - Review run2c installation schedule

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