

## The SARAF-LINAC project status (07/2024)

*Thursday 29 August 2024 16:00 (2 hours)*

SNRC and CEA collaborate to the upgrade of the SARAF accelerator to 5 mA CW 40 MeV deuteron and proton beams (Phase 2). CEA is in charge of the design, construction and commissioning of the linac downstream the existing RFQ (SARAF-LINAC Project).

The MEBT is now installed at SNRC and has been commissioned with both proton (cw) and deuteron (pulsed) beams. Transverse and longitudinal emittances have been measured and beam transport has been compared with TraceWin simulations.

Cryomodules have been assembled and tested at Saclay. CM1 has been delivered to SNRC and is being integrated at SNRC.

This paper presents the results of the qualification of the cryomodules at Saclay and the commissioning at Soreq.

### Footnotes

### Funding Agency

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