

ND-LAr

bi-weekly general

28. October 2021



New cost and schedule baseline

- Cost growth (excavation, installation, ND, contingency), results in high peaks in funding need
- Assume conservative and realistic funding to allow to complete the planning
 - Flat funding
 - Sub-projects (FS-excav, FS-bdg, FS-det, ND-site, ND-det)
 - Adjusted organizational structure
 - Adjusted schedule to reduce peaks in funding, delay ND

Schedule

JUNE 2021 version

- Preliminary design review early 2022
- Final design review late 2023
- Production readiness 2024
 - Component production
 - Module assembly
- Detector installation 2028

2021 September NEW:

- Delay CD-2 by 1 y ?
FDR ?
- Delay CD-3 by 1-2 y ?
Delay Production ?
- **Operation ND 2032 ?**

=> Effect on long term planning, but there are uncertainties

=> Important now to keep the shorter-term (1-2 y) activities going:
technical and physics maturity: 2x2 and FSD