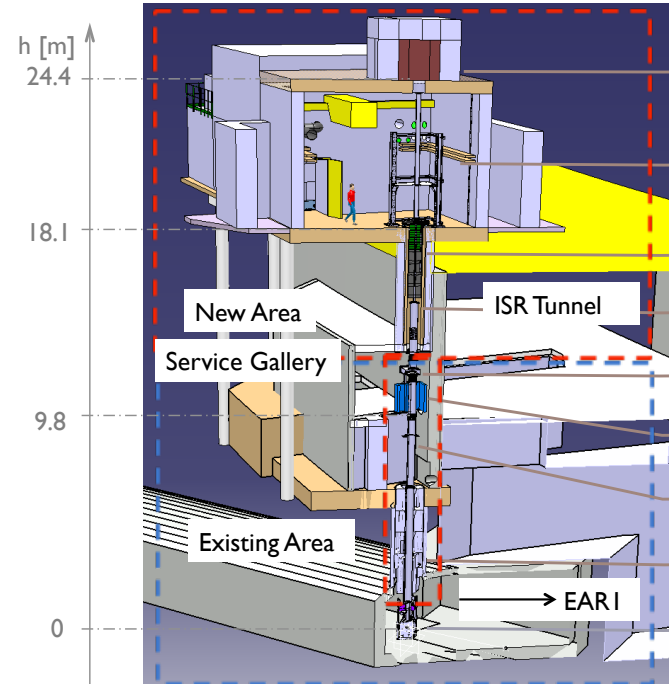
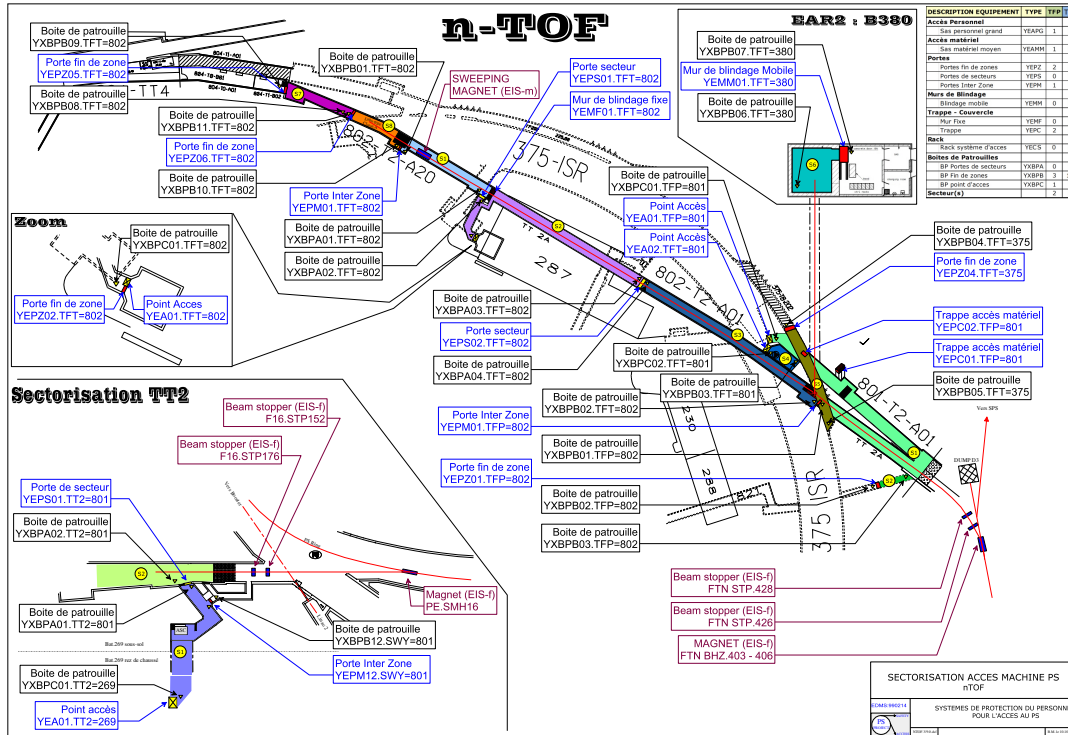


# n\_TOF startup

S. Montesano (EN/STI)



# n\_TOF layout



# Primary zone (TFP) - protons

- EIS-Access, see slide 2
  - ✓ Electrical and functional test in week 14
- EIS-f are the same as for TT2
- No EIS-m
- External interfaces are the same as for TT2
- ✓ In principle DSO tests can be done on week 21 (as for PS)

# Target zone (TFT) - neutrons

- EIS-Access see slide 2 → Installation ongoing
- EIS-f: → Functional tests in week 14
  - FTN.STP426
  - FTN.STP428
  - FTN.BHZ403-406 → wrong cable connectors
- EIS-m: → Functional tests in week 14
  - Sweeping magnet → ready for electrical tests
- External interfaces:
  - BIW → electrical test ongoing
  - AUG → electrical test ongoing
  - Ventilation systems:
    - target → ready?
    - EAR1 - class A → ready?
    - EAR2 - class A → ready at the end of June (week 26)
- ✓ DSO tests possible during week 27
  - Beam setup in mid week 28!
  - Can be anticipated for EAR2 - class C

# Other systems

- Equipment protection:
  - Target cooling / moderator system
    - should inhibit extraction to the target if not working correctly → cables installation and implementation on-going
  - Vacuum valve EAR1 → re-installed in week 20
    - should be closed during ACCESS\_ON and in case of fire alarms
  - Vacuum valve EAR2 → installed in week 27
    - should be closed during ACCESS\_ON and in case of fire alarms
- Data acquisition:
  - PS timing signal (needs configuration)
  - BCT468-NTOF (needs calibration)
- Tests for these systems are needed and will be planned!