

# Introduction

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Technical Meeting  
3 Mar 2017

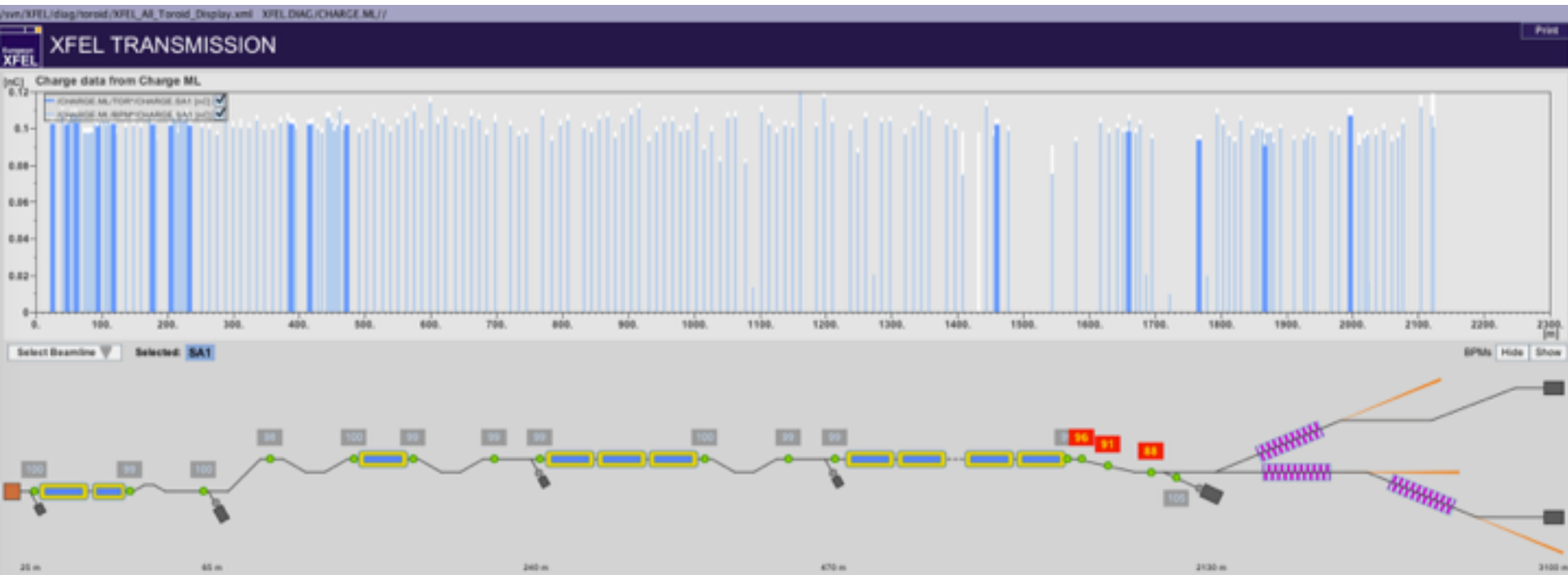
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- Status Accelerator
- XHEXP1 status report
- Review of critical task list

# Status Accelerator: Achievements

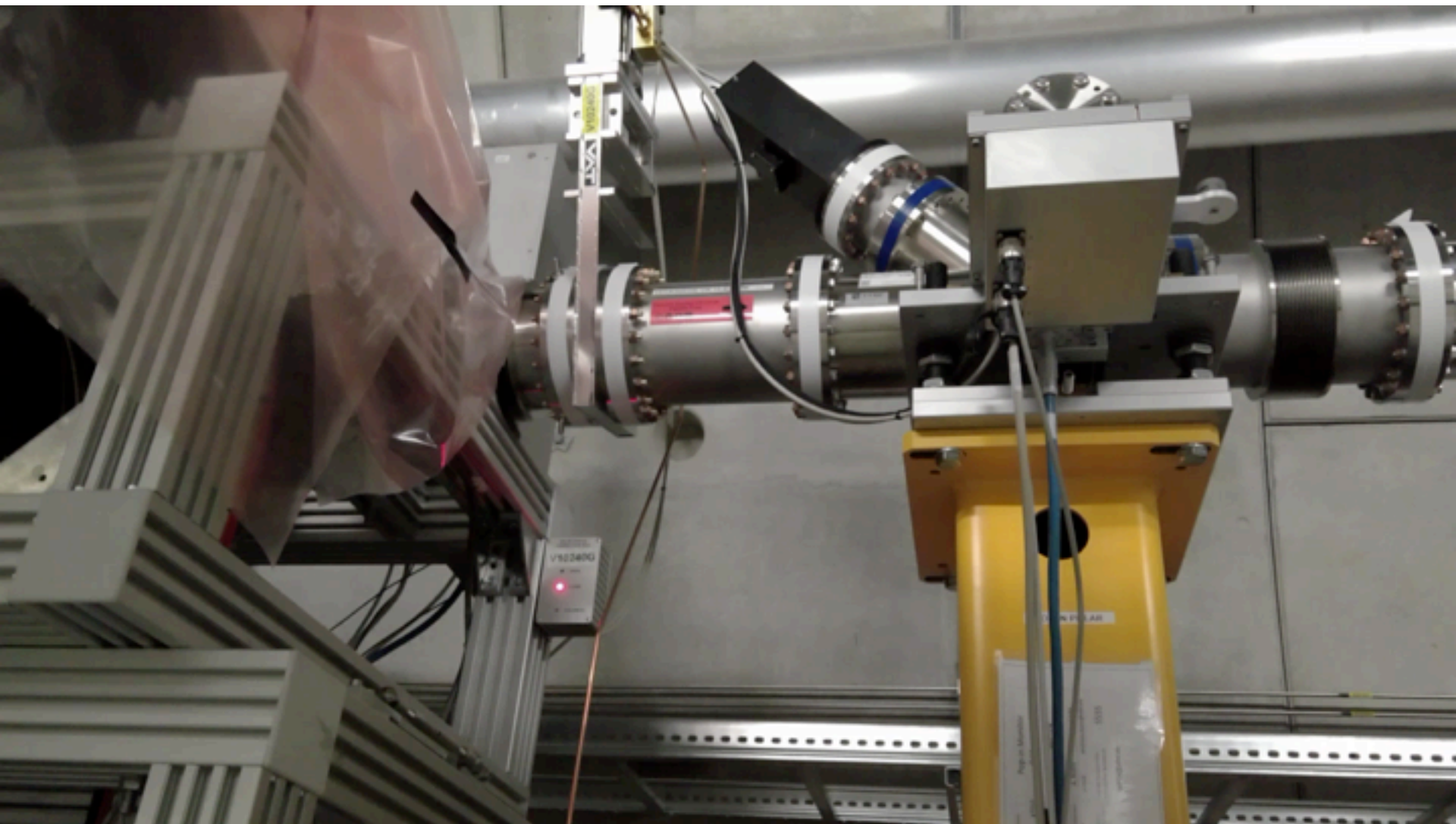
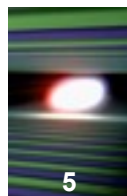
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- 1 Hz beam operation with energies up to 2.4 GeV@ 0.3 nC
  - Excellent transmission to XS1 Dump



- Mechanical work in SASE1 is almost done
  - Big remaining item is the ongoing installation of the mirrors
- Some cabling work to be done for the EPS
- Intense activity on Beckhoff and software integration
  - Many problems are being found
    - ➔ miswirings, unexpected behavior of components etc...
  - Karabo is now running the Vacuum and the Motion loop
  - Lots of testing required

# XTD2: Vacuum Valve remotely operated

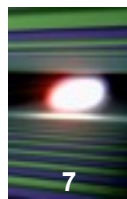


# XTD4: Undulator in SASE3 closing





# XTD9: Preps for mirror installation in SASE1



# XS3: Radiation interlock boxes for Shutters





# XTD4: Unconnected pumps



# XTD6: Photon beam line racks in SASE2



- SPB mirror chambers were installed in the hutches
- Pressurised air is available in SASE1
- Use of other gases needs to wait for the risk assessments.
- AC installation in SASE2 & SASE3 is ongoing
- LaserMET has started interlock installation in SASE3
- The sewage pump is finally there and running
  - Toilets can be operated!



# SASE1: Nano KB chamber in SPB

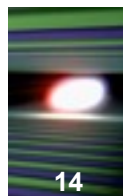




# SASE1: Nano KB installation in SPB Optics

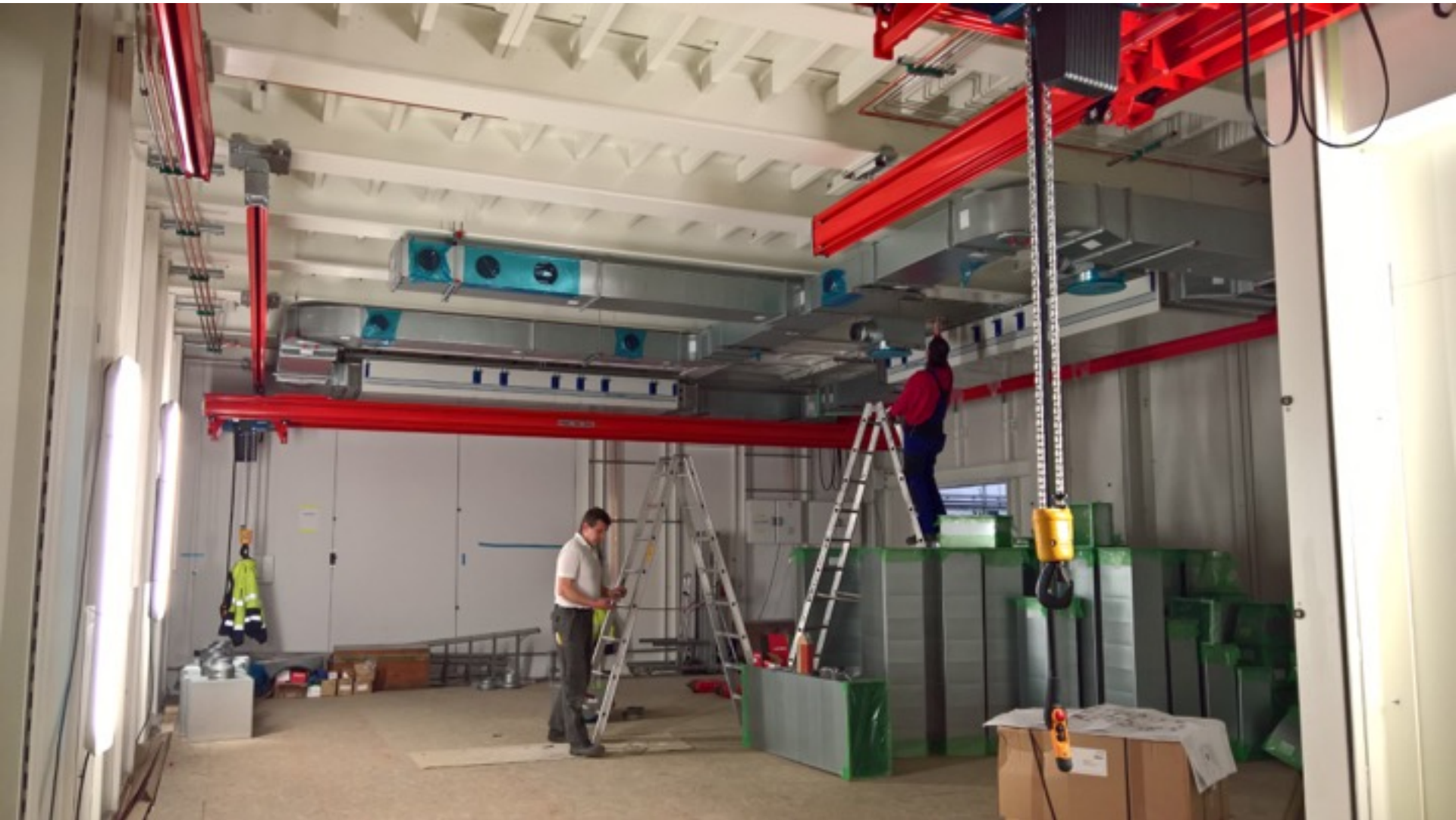


# SASE3: AC installation in SCS

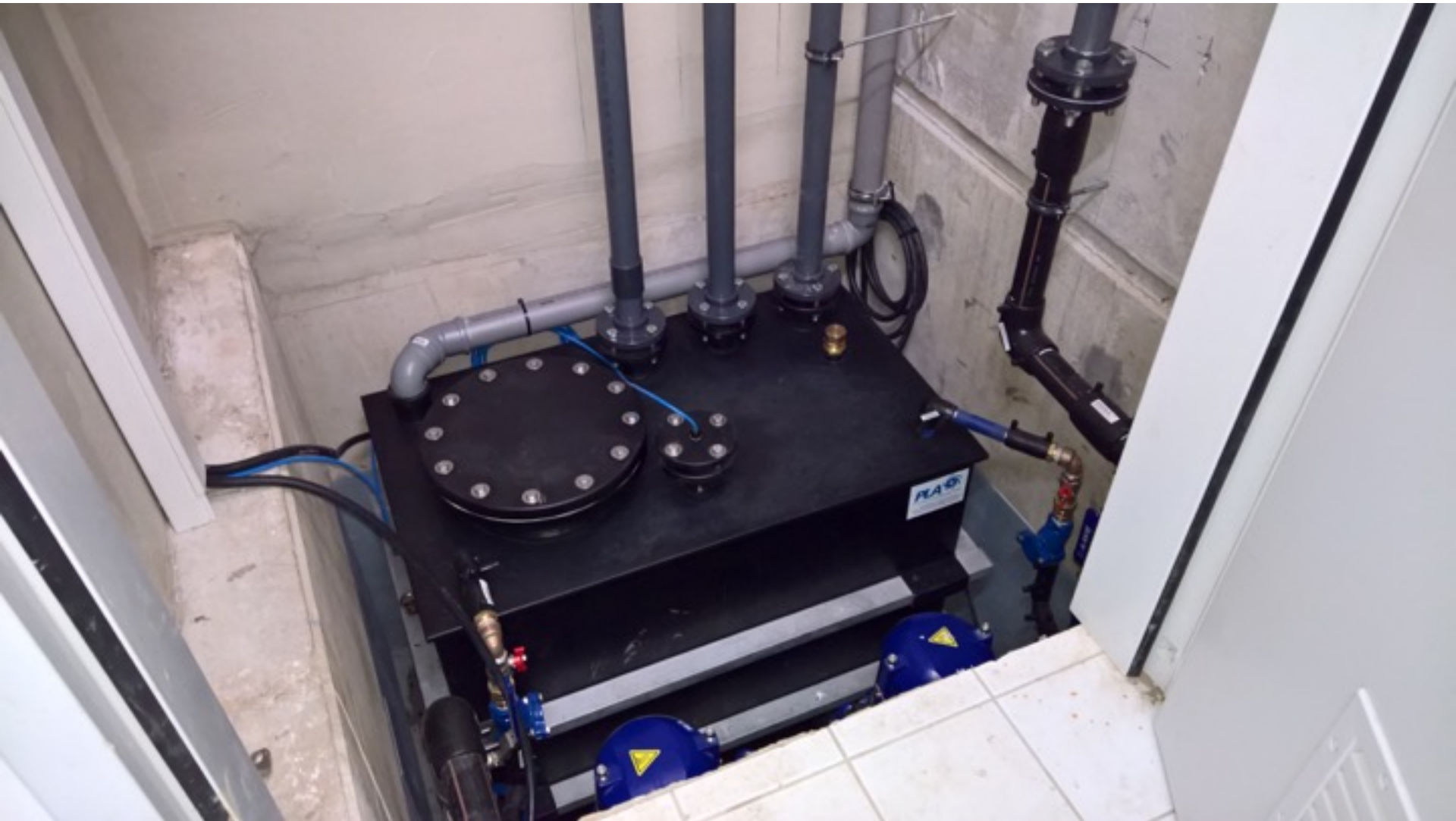
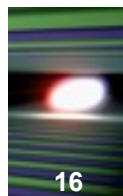




# SASE2: AC installation in MID



# XHEXP1: New sewage pump in operation





# Next Meetings

- SASE1 Readiness by invitation
  - Today 09:00 after TechMeet in this room
- Next XHEXP1 hall coordination meeting
  - Friday, 10 Mar 8:30