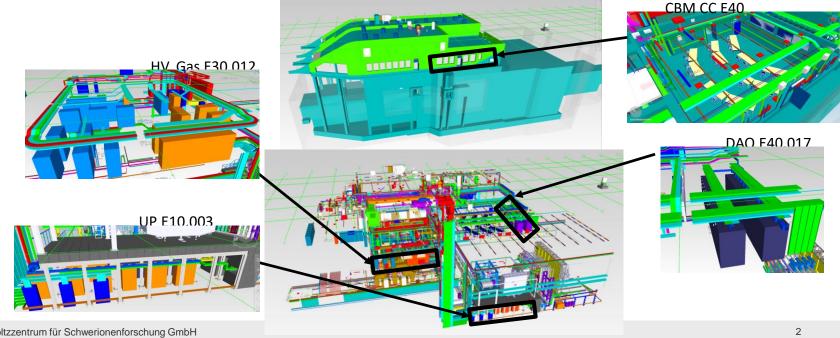


#### **Overview Rooms of interest**



- LV racks under the upstream platform in the cave
- HV racks and gas on the supply level E30
- DAQ racks next to the control room



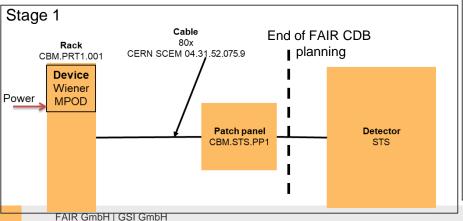
## **CBM Cabel planning**

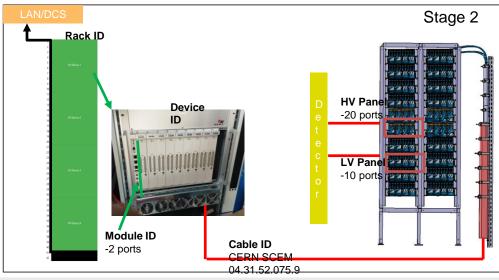


- Cable planning was divided into two stages
  - Collecting cable information for HV, LV and DAQ and for planning cable cross-sections and routes

Detailed planning of racks with crates and the necessary

infrastructure





# Stage 1



Racks and patch panels were defined for all systems.

 Using the information collected about HV, LV and DAQ cables, routing between the racks, PP and systems was

carried out in CAD.



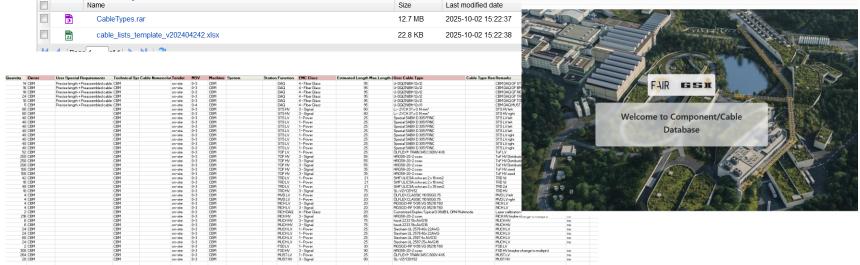


FAIR GmbH | GSI GmbH

#### **CBM Cable list**



- The collected cable data was prepared for the cable database and will be uploaded shortly.
- The current version of the cable list can be found on EDMS, including data sheets. <a href="https://edms.cern.ch/document/3358034/1">https://edms.cern.ch/document/3358034/1</a>



FAIR GmbH | GSI GmbH

### **Next steps**



- Detailed planning of racks and crates
  - power requirement
  - space utilisation and optimisation
  - cooling
  - detailed cable routing on racks and PP

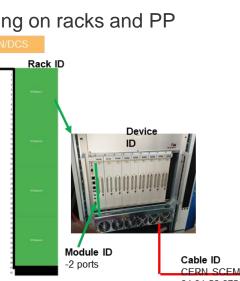
DCS cable

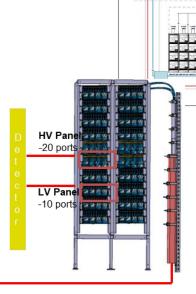
Additional services

gas

cooling

others





04.31.52.075.9



