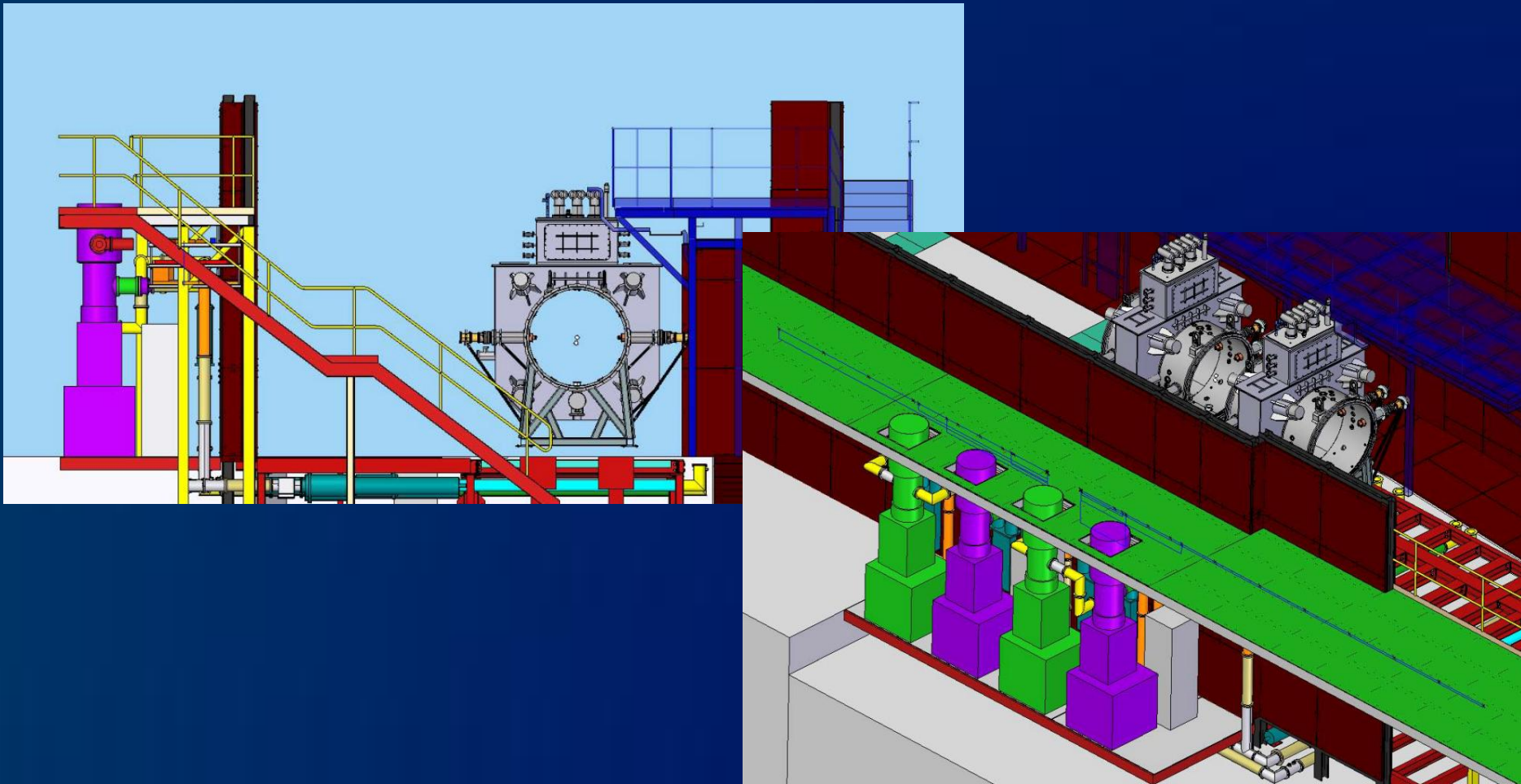


**WP7:
Ionisation Cooling Test Facility**

Upgrade to ICF power infrastructure:

- Layout of RF-power distribution:
 - Development of RF power-distribution layout underway:



Upgrade to ICTF power infrastructure:

- Commissioning of RF power amplifier:
 - Steady progress in commissioning before Christmas, now picking up again



Novel pulsed RF power amplifier design:

- **KL tried, but failed, to meet with Eric Montesinos before Christmas to discuss status of preparations and first steps**
- **Will meet with colleagues at CERN in January either at CERN or, as a fall back, by phone**

Milestones and deliverables:

| Milestone number ⁵⁹ | Milestone name | Lead beneficiary number | Delivery date from Annex I ⁶⁰ | Comments |
|--------------------------------|----------------|-------------------------|--|---|
| MS27 | RFSysReq | 9 | 8 | Report on RF system layout and requirements |
| MS28 | SymDiac | 2 | 19 | Simulation of Diacrode complete |

| Deliverable Number ⁶¹ | Deliverable Title | Lead beneficiary number | Estimated indicative person-months | Nature ⁶² | Dissemination level ⁶³ | Delivery date ⁶⁴ |
|----------------------------------|-------------------|-------------------------|------------------------------------|----------------------|-----------------------------------|-----------------------------|
| D7.1 | RFSysV-Spec | 9 | 10.00 | R | PU | 15 |
| D7.2 | RF Amp1-Test | 9 | 17.00 | R | PU | 33 |
| D7.3 | RFSysVI-Spec | 9 | 8.50 | R | PU | 36 |
| D7.4 | RF_Ampl-DR | 2 | 12.00 | R | PU | 36 |

- No reason to worry that first milestones and deliverables can not be met