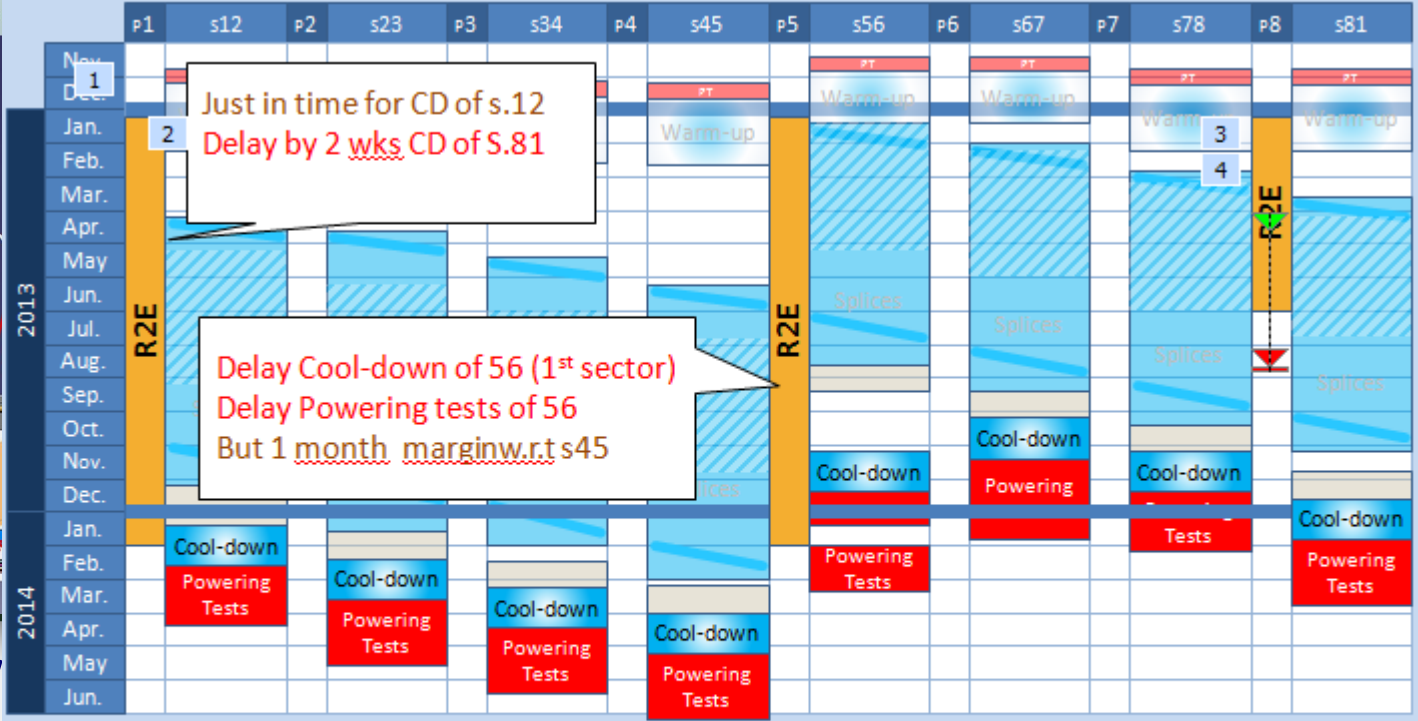
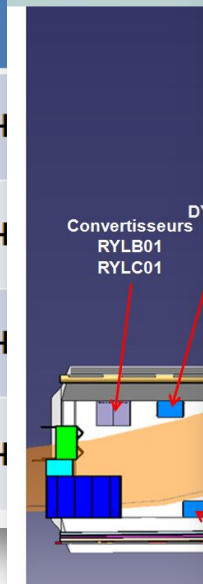


# R2E Review Summary

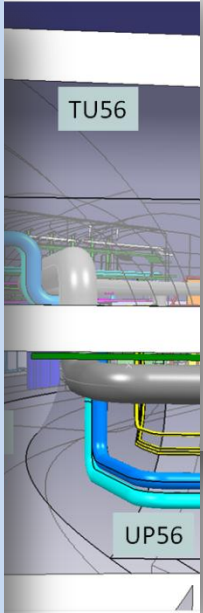
UL16 - 2014/03 -

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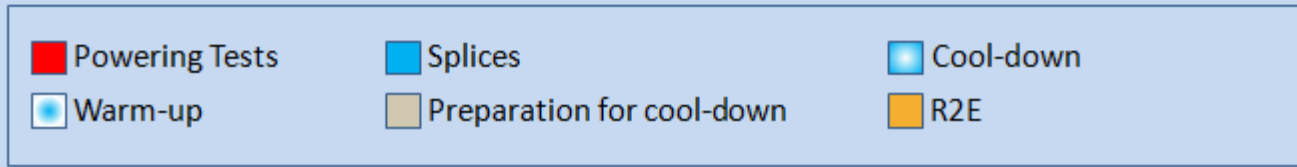


Just in time for CD of s.12  
Delay by 2 wks CD of S.81

Delay Cool-down of 56 (1<sup>st</sup> sector)  
Delay Powering tests of 56  
But 1 month margin w.r.t s45



- @ Power
- @ R&D
- @ Integration
- @ Shielding
- @ Strategy &
- @ Tight ma



# R2E Review Summary

Review

Next

Case

Risk

Power

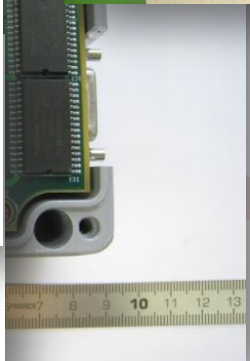
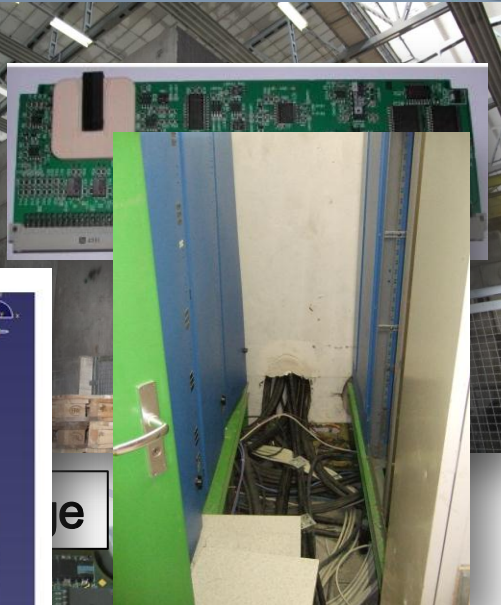
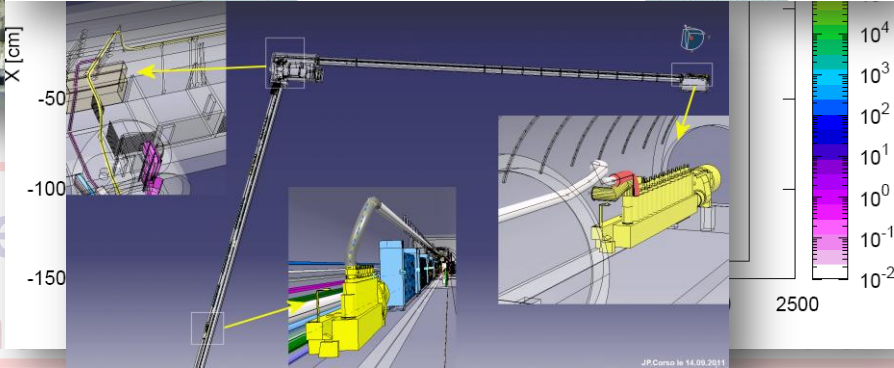
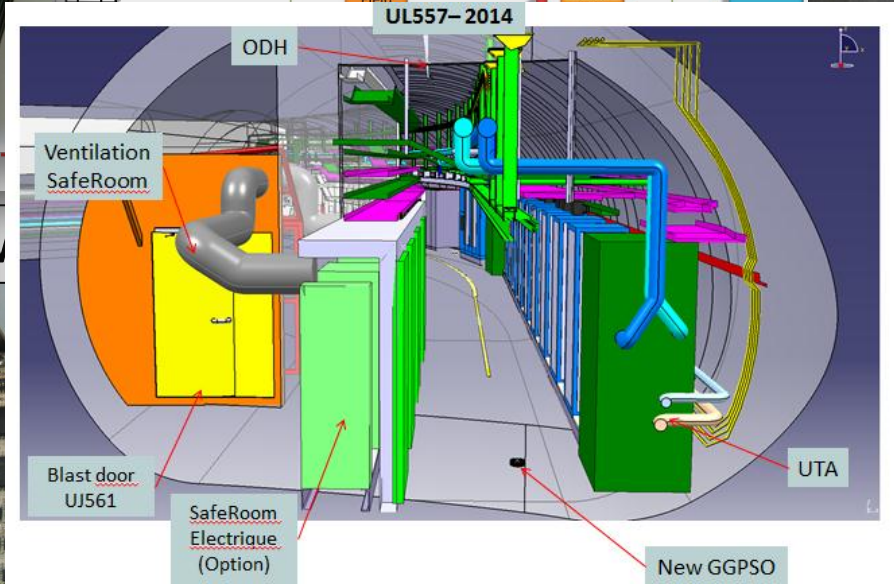
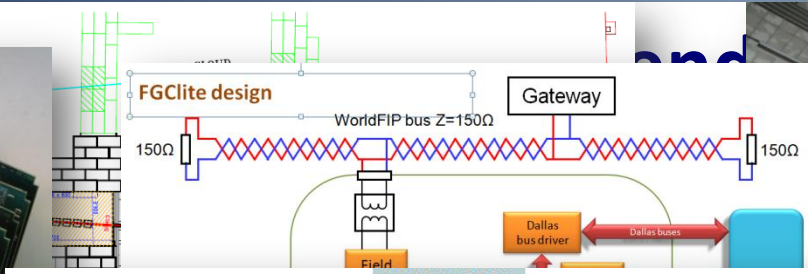
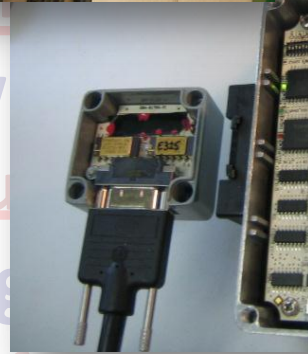
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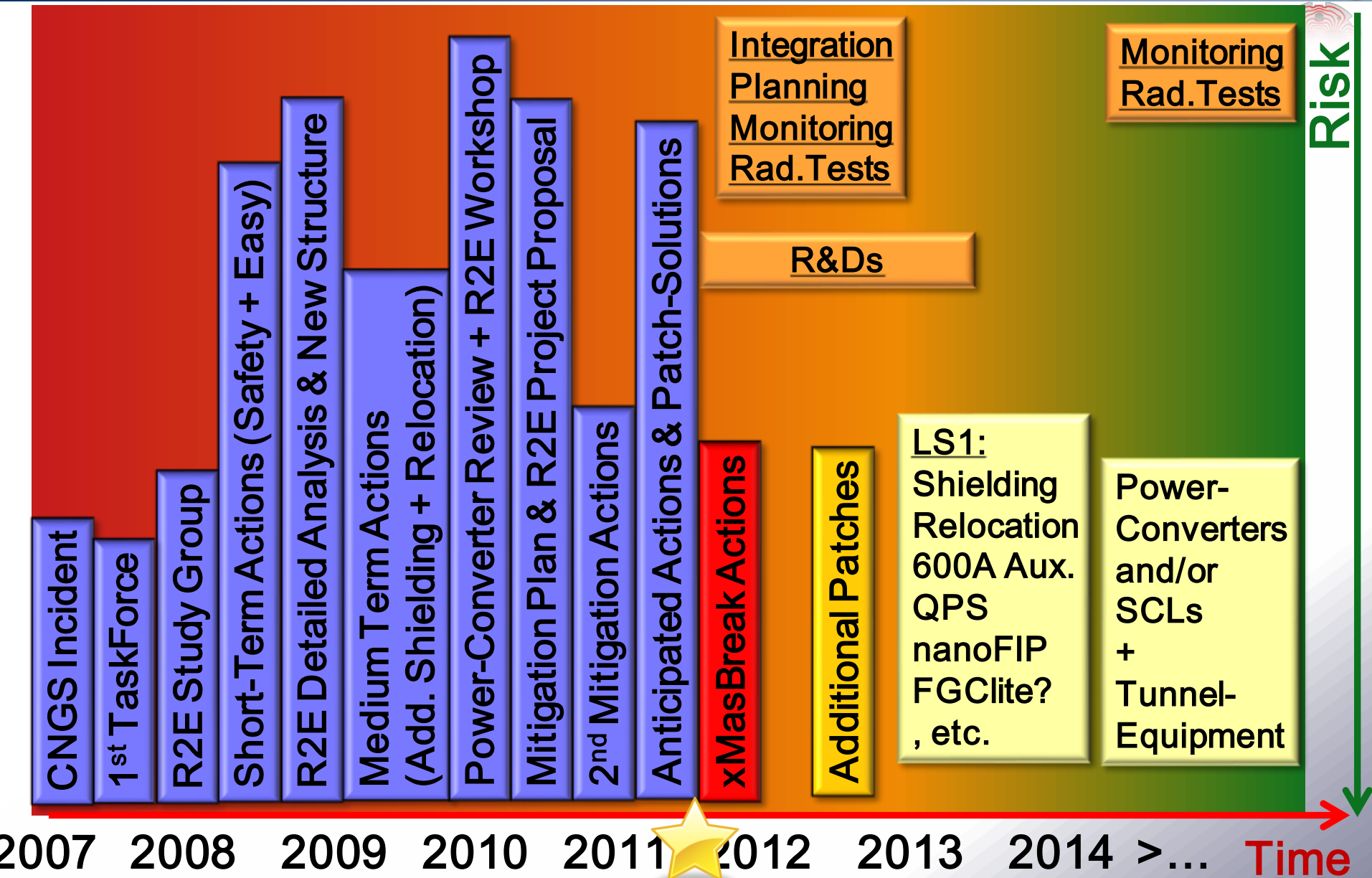
Integ

Safe-Rooms

Strategy & Re

Procurement







# Additional Points Raised

- @ **High-Priority on follow-up of failures during 2012**
- @ **Destructive tests** at PSI and mixed-field facilities -> focus on critical components + heavy-ion tests
- @ **TID effects as 2<sup>nd</sup> priority** -> to be considered as much as possible in the design (**safety factor kept**)
- @ Regular **internal/external design reviews** for all new developments (simple format!)
- @ **Tracing of component** purchase and usage
- @ **Documentation** of test results
- @ **Failure budget** -> 'average time to failure'
- @ **External companies** can/will help (procedures!)
- @ **Reinforce testing teams** (internal/external)



**Many Thanks**



**A lot of work**



**It needs your help**