

# Report from the R2E Study Group

R2E Study Group  
11<sup>th</sup> RadWG Meeting  
September 3<sup>rd</sup> 2009

# R2E News

- TLD Dosimeters placed around critical LHC areas
  - aiming to get a measurement of the radiation field in critical areas, even in case of limited intensities/losses
  - 220 Samples placed, shared between
    - RadMon Locations (critical areas)
    - R2E Special Locations (identified for present/future activities)
    - RP Locations (Material Samples)
- Tool for ‘Mitigation Follow-UP’
  - Available on the R2E website ([www.cern.ch/r2e](http://www.cern.ch/r2e)): this menu entry allows you to follow the ongoing R2E activities and their status by Project/Task, including circulated comments and discussion, as well as related documents
  - Projects/Tasks require password for access (as changes are allowed)
  - Reporting is currently implemented and will be publicly accessible
- LMC presentation to be scheduled (two talks)
  - 1<sup>st</sup> part: Update on R2E Activities and Mitigation Actions
  - 2<sup>nd</sup> part: Results and Consequences of Ongoing CNGS Tests

# Ongoing R2E Mitigation Actions

- US85 Shielding Wall
  - transformer relocated, first shielding wall placed, remaining work will be finished this week (many thanks to all involved parties)
- US85: ODH/Fire
  - Fire detector units already relocated, control racks will be finally moved in week 38 (current planning)
- US85: Cryo-Rack relocation
  - Final location identified, remaining integration details to be clarified before decision can be taken
- Order of additional shielding blocks currently prepared (invitation for tender), inventory of shielding blocks (TFA and non-TFA) ongoing – only limited stock