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Work plan after validation till 2012

We plan that each validated detector group will produce detailed baseline design by 2012. For this end the following items need to be accomplished.

1. Completion of R&Ds on critical components
(Here, when there are options, at least one option should be advanced to a level to verify feasibility.)
2. Define the baseline design which is feasible and is used also for simulation
(There can be options remaining as long as the above condition is met.)
3. Complete basic mechanical integration to identify support structure, dead material and various detector holes
4. Regarding push-pull mechanism, workout the moving procedure, alignment and calibration scheme
5. Complete integration with the accelerator
6. Benchmark simulations with more realistic detector system in particular with dead area and updated background conditions
7. Some reactions to show the detector performance at 1 TeV (or higher if possible)
(Detailed physics channels need to be investigated by the Physics Panel and be supported by the Software Panel.)
8. More realistic cost estimate