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## HL-LHC Design Study & Crab Cavities

*Wednesday 15 December 2010 09:40 (20 minutes)*

The motivation of the high luminosity LHC design study, goal, scope, required technologies, time line, technology choices and decision dates, overall cost estimate and resources. The collaborative framework of this design study with EuCARD, US and Japanese partners. R&D plan for the novel technologies, in particular for the crab cavities required to realize the full potential of the LHC upgrade foreseen by 2021.

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