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## Advanced Accelerator and HEP Developments through Networking between the Large Particle Physics Laboratories and CERN

Together, the large particle physics laboratories of the CERN Member States and Associate Member States own significant resources. Their infrastructure and technical capabilities are necessary for the implementation of most large-scale projects in the field. The LDG provides a forum to synchronize the laboratories' respective strategies, projects and priorities, with the aim of maximising cooperation in the planning, preparation and execution of future projects. We describe the specific and unique opportunities that the LDG laboratories offer for particle physics. The input outlines competences, and planned activities at the laboratories. We highlight opportunities to strengthen the collaborations with CERN and between the laboratories. The LDG oversees the European accelerator road map activities, aimed at developing technologies and concepts for future particle collider infrastructures. This input summarizes the plans for the five individual themes that are covered by the road map and by the panel for sustainability.

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