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ESPPU INPUT: C3 within the ”Linear Collider Vision”

The Linear Collider Vision calls for a Linear Collider Facility with a physics reach from a Higgs Factory to the TeV-scale with e^+e^- collisions. One of the technologies under consideration for the accelerator is a cold-copper distributed-coupling linac capable of achieving high gradient. This technology is being pursued by the C^3 collaboration to understand its applicability to future colliders and broader scientific applications. In this input we share the baseline parameters for a C^3 Higgs-factory and the energy reach of up to 3 TeV in the 33 km tunnel foreseen under the Linear Collider Vision. Recent results, near-term plans and future R&D needs are highlighted.

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