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## Invest in HTS magnet technology to enable sustainable energy-frontier colliders (remote)

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Future energy-frontier circular colliders must be sustainable in cost, performance and environmental impact. We argue from first principles that the high-temperature superconducting (HTS) magnet technology can enable sustainable future circular colliders, including a muon collider. The technology, however, is in its infancy, facing significant challenges. To ensure the technology readiness within the next decade for the next circular collider, we need to significantly invest to initiate and sustain a robust R&D ecosystem, covering the conductor supply chain, magnet technology development and engagement of physicist end users.

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