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Research Pathways for the Energy Transition

Priority research questions for a low-carbon economy.

2026-08-14 · 52 pages

Executive summary

Priority research questions for a low-carbon economy. The analysis draws on ecosystem indicators, stakeholder consultation and international comparison to identify practical priorities for research, industry and government partners.

Key findings

Collaboration between universities, research centres and enterprises is strengthening. Talent pipelines, shared infrastructure and access to early-stage funding remain decisive factors in converting research into measurable national impact.

Recommendations

Align funding with national priorities, expand industry-academia partnerships, invest in specialised research skills and establish common indicators so progress can be tracked consistently across the ecosystem.