

MANDATE

Reduce GHG emissions and grow Alberta's economy by accelerating the development and adoption of innovative technology solutions.

VISION

Alberta has competitive industries that deliver sustainable environmental outcomes, attract investment, and are building a diversified, lower carbon economy.

VALUE PROPOSITION

We invest the proceeds from carbon pricing paid by large final emitters to reduce GHGs and strengthen the competitiveness of new and incumbent industries in Alberta. Our investments help innovators develop and demonstrate GHG-reducing technologies that enable new business opportunities and build on existing ones. We deliver results through a competitive, transparent, efficient, and outcomes-focused delivery model.

STRATEGIC PRIORITIES

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ACCELERATE TECHNOLOGY

Invest in GHG-reducing technologies that help Alberta grow existing industries and create new ones.

Deliverables:

- ▶ Invest in projects aligned with ERA's Technology Roadmap, market needs, and government priorities.
- ▶ Select innovative technology through a rigorous process.
- ▶ Identify the right projects through increased technology scouting.
- ▶ Engage with stakeholders and participate in events that help ERA identify and accelerate GHG-reducing solutions.
- ▶ Fund innovative technologies through two funding calls annually, and our Partnership Intake Program.

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2. DRIVE COMMERCIALIZATION

Convene the resources required to accelerate the adoption of technology solutions that lead to economic growth and GHG reductions in Alberta.

Deliverables:

- ▶ Help broker opportunities for policies and regulation to stimulate adoption of clean technology solutions.
- ▶ Manage a portfolio that reflects both "policy push" from government and "market pull" from industry.
- ▶ Be a convener of resources that helps address barriers to commercialization.

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3. MAXIMIZE IMPACT

Maximize our impact through leveraged funding, communications and operational excellence.

Deliverables:

- ▶ Share successes and learnings from funded projects.
- ▶ Maximize and leverage shared investment capacity and expertise.
- ▶ Build a stronger performance management approach to measure performance.

ERA QUICK FACTS¹



TOTAL PROJECTS:
161



TOTAL FUNDS COMMITTED:
\$557M



TOTAL PROJECT VALUE:
>\$4.3B



CUMULATIVE PROJECT EMISSIONS REDUCTIONS:
>41Mt CO₂e



GDP IMPACT IN ALBERTA BY 2023:
\$2B



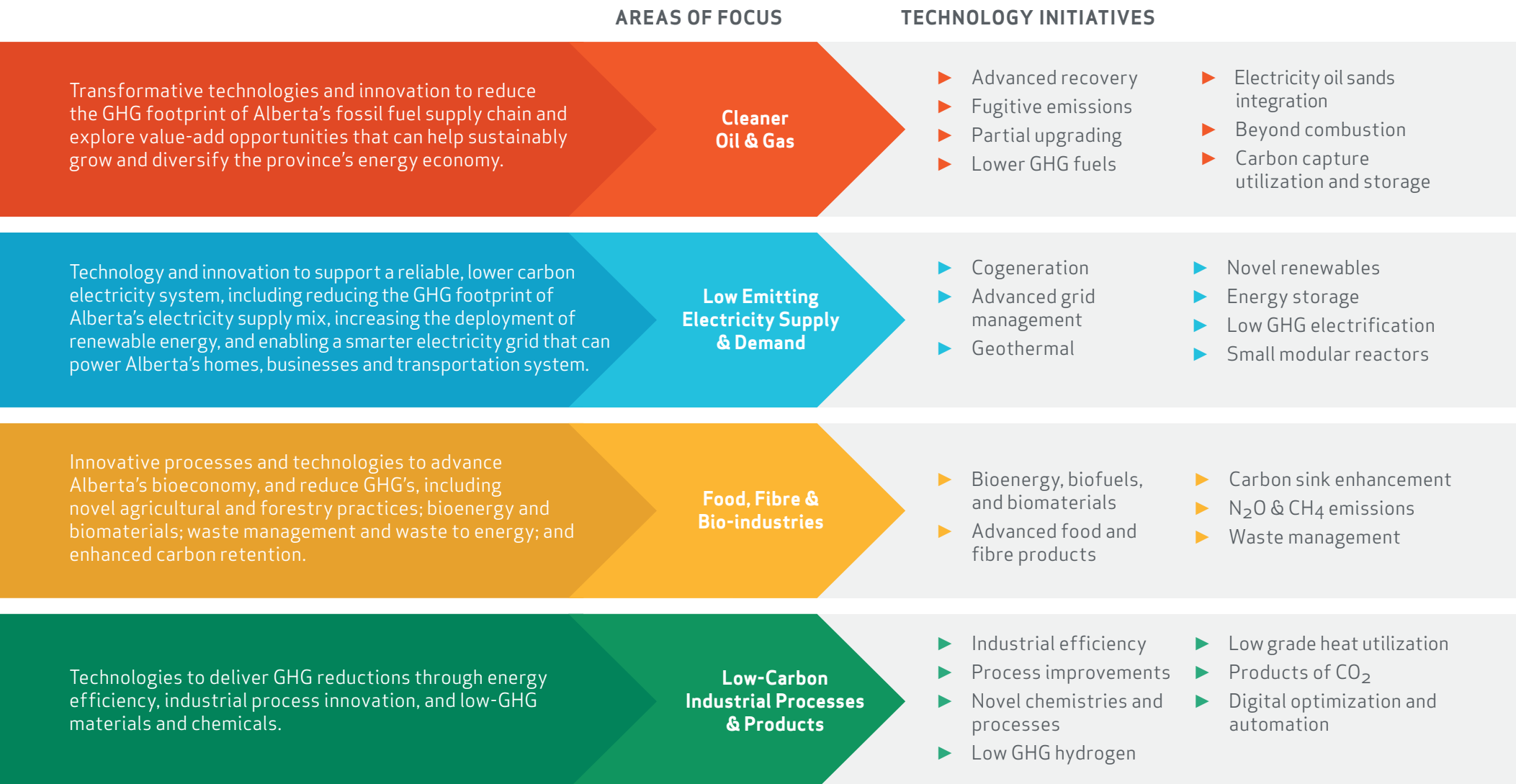
JOB CREATION IN ALBERTA BY 2023:
\$12,000 PERSON-YEARS²

¹Figures accurate as of September 2019. GDP Impact numbers accurate as of October 2018 ²A person-year is equal to one-year of employment for one individual.

ERA TECHNOLOGY ROADMAP

ERA's Technology Roadmap identifies four areas of focus for our investments:

Strategic Overview 2019



Some initiatives could fall under multiple areas of focus.