



Shell Scotford

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Who We Are

- 1,300 innovative Shell Canada employees.
- 400 long-term/embedded contractors.
- Thousands of short-duration contractors annually to support operations and maintenance, including Turnarounds.



What We Do

- Provide more and cleaner energy solutions to Canada and the world through our petrochemicals and oil-based products.
- Leader in low-carbon solutions and energy efficiency.
- Generate well-paying jobs, positive economic impacts, and significant tax revenue.
- Fuelling Kindness



How We Do It

- Chemicals Plants
 - Monoethylene Glycol (MEG)
 - Manufacturing the ingredients to make plastic drinking bottles, antifreeze, etc.
 - Styrene Monomer (Styrene)
 - Manufacturing the ingredients to make food containers, home insulation, safety helmets, vehicle interiors, etc
- Refinery (114,000 bpd)
 - Refining crude oil into gasoline, diesel, jet fuel, propane, butane, other products
- Upgrader (300,000 bpd)
 - Refining Alberta-mined bitumen into crude oil



Our Future – Energy & Chemicals Park

Shell Vision

- Net-zero emissions energy business by 2050 or sooner (Scope 1, 2, & 3 emissions).
- Re-purposing refining assets/sites for hydrogen and biofuels production
- Reduce production of traditional fuels by 55% by 2030

Scotford Future

- CCS, Renewable, & New Energies opportunities
- Business transformation
- Digitalization



Carbon Capture & Storage (CCS)

Quest CCS Project

- Demonstrates the viability of CCS technology at commercial scale
- Has captured and safely stored **more than 5 million tonnes** of CO₂ in less than five years
- About 2,000 Albertans worked to make Quest operational

Future CCS at Scotford

- We are exploring opportunities for additional CCS at Scotford to build upon the success we've seen with Quest

Quest proves that CCS works well and is a viable decarbonization tool

CCS is essential for the deep decarbonisation of heavy industries

Capture

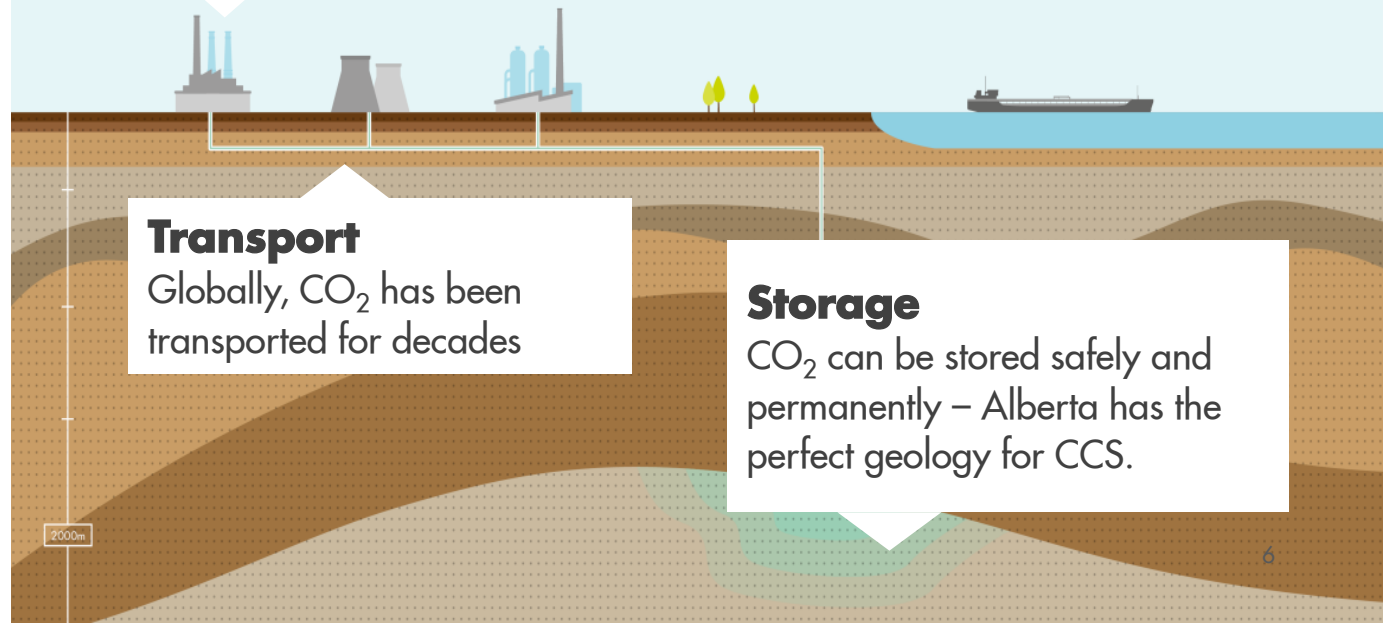
CCS can capture up to 90% of emissions from refineries and other industrial activities

Transport

Globally, CO₂ has been transported for decades

Storage

CO₂ can be stored safely and permanently – Alberta has the perfect geology for CCS.



COVID-19

- No on-site transmission.
- Robust measures in place to protect our people:
 - Only essential personnel at site since Mar. 16, 2020;
 - Strict physical distancing measures in place;
 - Face masks mandatory across site;
 - Health screening protocols in place;
 - Extensive contact tracing completed by our nurses when personnel report a positive test.
- Supporting community through the pandemic
 - Manufactured face shields for health-care workers
 - Fuelling Kindness Through Food Bank Donations
 - COVID-19 Community Relief Grants
 - Sourced hand sanitizer from local business



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Alliance To End Plastic Waste

- Shell is a founding member.
- Over 80 global companies participate.
- \$1.5B commitment over next 5 years to end plastic waste in the environment
- Work on innovating at the earliest stages of product design to facilitate reduction, reuse, and recycling of plastics in support of sustainable models.
- endplasticwaste.org



Responsible Care

- Shell is a founding member.
- Focus on safe, responsible and sustainable chemical manufacturing.
- Innovate safer and greener products and processes.
- Work to continuously improve environmental, health and safety performance.



Responsible Care®
Our commitment to sustainability.



2021 Turnaround

- Taking place in Refinery & Chemicals Plants
- ~4,000 workers at peak work force
- Focus on culture of caring to embed safety mindset & achieve another COVID-free Turnaround
- Connected to community
 - Safety-related donation to non-profit (to be selected by workforce)



