



Shell Scotford

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WHO WE ARE

- Refinery, Upgraders, Chemicals, Quest Carbon Capture & Storage & Solar.
- Leader in low-carbon solutions and energy efficiency.
- 1,300 innovative Shell Canada employees.
- 400 long-term/embedded contractors.
- Thousands of short-duration contractors annually to support operations and maintenance, including Turnarounds. (UPGS currently ongoing)



SHELL ENERGY AND CHEMICALS PARK SCOTFORD

CANADA'S MOST ENERGY EFFICIENT REFINERY

LOW-CARBON PRODUCTS & PERFORMANCE CHEMICALS



LOW-CARBON
FUELS



BIO-FUELS
AND
HYDROGEN



LOW-CARBON
CHEMICALS

CARBON CAPTURE AND STORAGE

300M TONNES OF CO₂ STORAGE
CO₂ STORAGE HUB OPERATOR

2000m

CUSTOMER FOCUS

Delivering customer centric products from current and new value streams.
Bringing customers and assets together.

RENEWABLE FEEDSTOCKS



BIOMASS



WASTE
OILS/FATS

RENEWABLE POWER



CCS AND PROPOSED CO₂ STORAGE HUB

QUEST CCS

Quest CCS captures and stores 1 million tonnes/yr of CO₂ from the AOSP upgrader. Quest has captured more CO₂ than planned for less cost than anticipated. Quest recently reached a significant milestone by surpassing 8 million tonnes of CO₂ captured.

ATLAS CARBON STORAGE HUB

The proposed Atlas Carbon Storage Hub from Shell, Suncor, and ATCO intends to store CO₂ emissions captured by Shell's proposed Polaris carbon capture project, and potential carbon emissions from Suncor and ATCO's proposed Heartland Hydrogen Hub. Atlas would also serve as an open-access hub to store CO₂ from other third-party industrial sources.

FUTURE PHASES

Polaris is the capture facility at Scotford where the CO₂ will be captured. The Atlas project is proposing to capture about 800,000 tonnes/year from Scotford refinery and chemicals

POWER GENERATION FACILITIES

OTHER HEAVY INDUSTRY SOURCES (PETROCHEMICALS, MANUFACTURING, CEMENT PRODUCTION, ETC.)

NEW THIRD-PARTY HYDROGEN FACILITIES

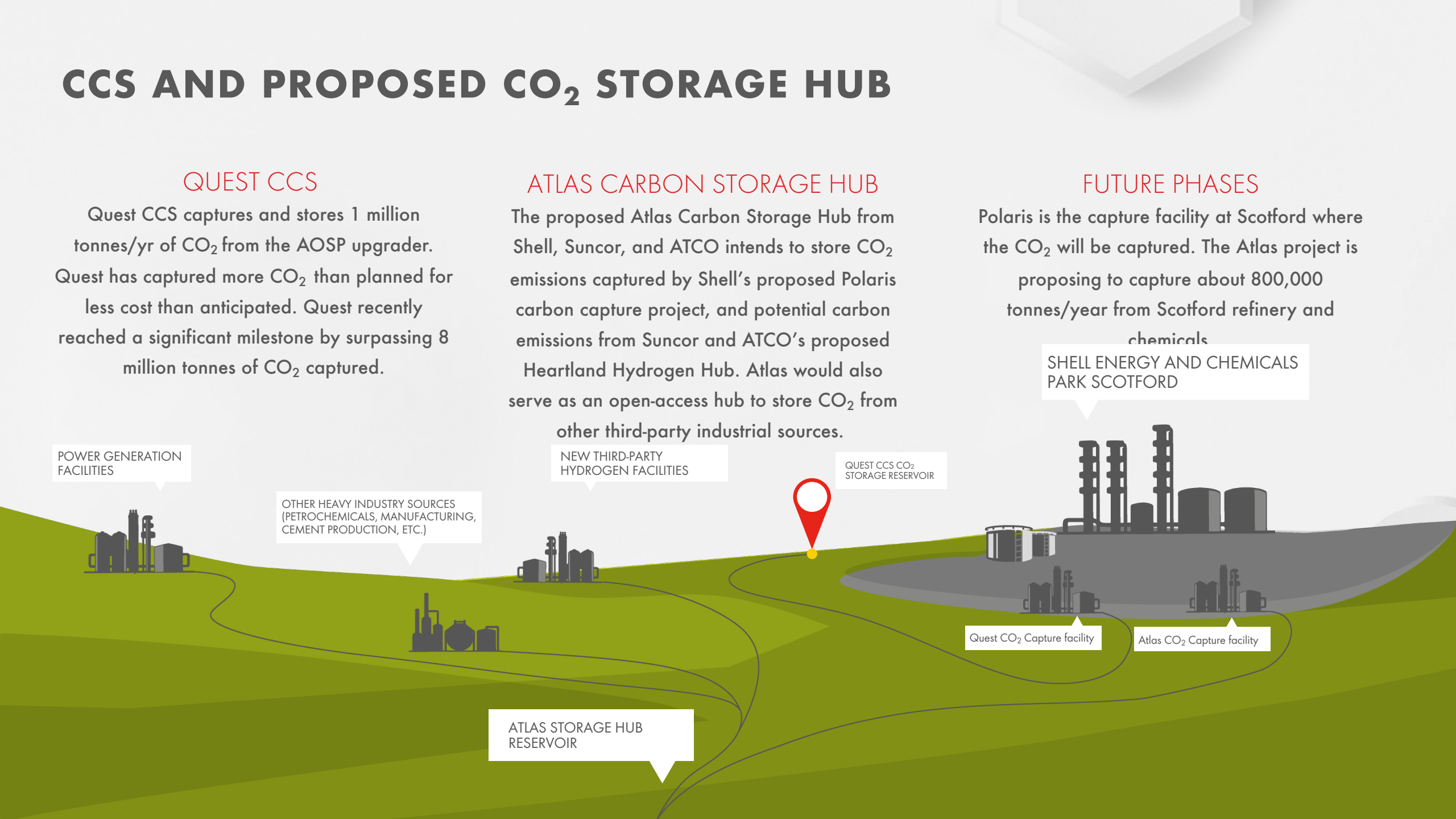
QUEST CCS CO₂ STORAGE RESERVOIR

SHELL ENERGY AND CHEMICALS PARK SCOTFORD

Quest CO₂ Capture facility

Atlas CO₂ Capture facility

ATLAS STORAGE HUB RESERVOIR





IN THE COMMUNITY

- In 2022, Scotford focused on three community investment pillars: Respecting Nature, Powering Lives, Achieving Net-Zero
- Locally we supported several organizations including: Rainbow Society of Alberta, Women Building Futures, Mental Health Foundation, Christmas in the Heartland etc.
- For more information visit: www.shell.ca/scotfordcommunity

