

INDUSTRY NEWS UPDATES | MEMBER BENEFITS | UPCOMING EVENTS | AND MORE

October 2021

# connection

W W W . C I P M A . O R G

## MESSAGE FROM THE PRESIDENT

JENNIFER STEWART

## OCTOBER GOVERNMENT POLICY AND INDUSTRY UPDATES

## IN REVIEW: CANADA'S EV PROGRAM LANDSCAPE

## SECTOR NEWS UPDATES





# FUELLING CANADA'S FUTURE

## CONNECTION CONTENTS

- 1 | PRESIDENT'S CORNER
- 2 | STAYING CONNECTED
- 3 | GOVERNMENT POLICY UPDATE
- 7 | NEWS UPDATES
- 15 | CANADIAN TRANSPORTATION ALLIANCE
- 16 | THANKS TO OUR FRONTLINE WORKERS

## MISSION

CIPMA's mission is to ensure the sustainability and growth of a healthy and viable independent fuel marketing and distribution sector at both the wholesale and retail levels in Canada. Our specific goals include:

Ensuring that independent fuel marketers thrive and have the opportunity to earn a fair and reasonable return that is proportionate to their business risk and capital investment, and ensuring that Canadian consumers and independent fuel marketers have access to a competitively priced and readily available supply of fuel products in all regions of the country.

### FULL MEMBERS



### ASSOCIATE MEMBERS





# MESSAGE FROM THE PRESIDENT

JENNIFER STEWART | PRESIDENT & CEO



## Dear CIPMA Members,

September has been an eventful month in the transportation fuel sector, particularly for our American neighbours. It began with a record-breaking oil spill on the ocean floor off the coast of California, continued with much discussion about the actions President Joe Biden might take in his bid to curb emissions, and ended with crude oil supply shortages that sent gas prices skyrocketing not only in the U.S., but around the world – all of this amidst the lead-up to the U.N. Climate Change Conference in Glasgow, Scotland.

After a summer of record-setting heat waves, hurricanes, and forest fires, there is intense interest in the event, otherwise known as COP26, which runs from October 31 to November 12 and aims to accelerate action towards the goals of the Paris Agreement signed in 2015.

COP26 has potential ramifications, both short- and long-term, for our industry. CIPMA will keep a close eye on conference proceedings and keep you informed about discussions, agreements, and trends that may affect you. Once Parliament resumes next month, we will advocate on our members' behalf as the government begins to work toward implementing its climate-related commitments.

In the meantime, we will continue to keep you in the loop when it comes to issues such as the ongoing scuffle over Line 5, American policy decisions with the potential to affect our members, and new technologies and products that will help Canada toward its net-zero emission goals.

As always, we are here to support you. Don't hesitate to reach out to us should you have any questions or concerns.

All the best,

**Jennifer Stewart**  
President and CEO  
Canadian Independent Petroleum Marketers Association

# STAYING CONNECTED

CIPMA CONNECTION  
2021 EVENTS, PODCASTS, WEBINARS

ROADCHATS SEASON TWO OF PUMP CHATS  
COMING SOON!



## CIPMA PRESENTS: INDUSTRY INSIGHTS WEBINAR SERIES

On October 21, we were joined by nationally renowned political writer, commentator and broadcaster Mark Sutcliffe to explore the latest Canadian political analysis. Special thanks to our webinar presenting sponsors **National Energy Equipment Inc.** and **Xerxes by Shawcor.**

For those unable to attend, please find the webinar recording [here](#).

## FUEL MARKETING CONFERENCE

April 11-13, 2022  
Fairmont Queen Elizabeth, Montreal, Quebec  
Sponsorship opportunities available! Contact us to learn more.





# GOVERNMENT POLICY AND INDUSTRY HIGHLIGHTS

This latest feature of the newsletter will be published monthly. The update serves as a recap and reference point for our members regarding the latest policy impacts on the energy market as well as industry trends. We will continue to monitor and communicate any policy changes directly to members as they happen.

## INDUSTRY HIGHLIGHTS

### **Sink or Swim, Transforming Canada's economy for a global low-carbon future**

Canadian Institute for Climate Choices (CICC)'s report, ***Sink or Swim, Transforming Canada's economy for a global low-carbon future***, was released in October. The report is optimistic about the economic opportunities that the carbon transition offers Canada but warns that "moving too slowly is now a greater competitive risk than moving too quickly."

They identify three big trends that are transforming global markets and accelerating the global low-carbon transition, including: international climate policy (countries representing more than 70% of global GDP have committed to reaching net-zero emissions); cheaper and better green technology; and growing investor response (international investors with over 40% of global assets under management have committed to net-zero goals).

The report shows that about 70% of Canadian industries, including oil and gas and auto manufacturing, are vulnerable to global markets divesting from sectors that are carbon-intensive. Stakes are high, with many companies risking huge financial losses if action isn't taken sooner to prepare for the transition.

### **Canadian Chamber of Commerce writes mandate letter to the Minister of Natural Resources**

The Canadian Chamber of Commerce **wrote 21 mandate letters** to members of the Cabinet with policy priorities that will support the growth of the Canadian economy. With the right policy commitments from the federal government, they write, the natural resource sector can play a significant role in creating economic growth.

They call on the Minister of Natural Resources to promote the energy sector as a key partner in Canada's net-zero strategy and work with industry partners to facilitate Canada's ability to provide key energy, technology, and mineral inputs to world markets to reduce global emissions. They also call on the Minister to partner with industry to provide regulatory clarity and certainty to capital markets to bolster investor confidence in Canada's natural resource sector.

### **Royal Bank of Canada calls for "A New Playbook On Climate" in Canada**

Dave McKay **penned an article in the Globe and Mail**, highlighting findings from a new RBC research report that say at our current path and speed, Canada will only see a 27% reduction by the end of this decade and will have at least 30% emissions left to cut in 2050.

McKay says that we have been "too fragmented in our approach" and don't have enough policy

certainty or funding commitments to create the momentum required to reach our carbon goals. Canada has made good progress in many sectors, with innovations in key climate technologies and subsidies and incentives. However, it will be critical to have tight coordination to build the kind of networks needed for Canada to be an active player in the next generation of the auto industry.

The RBC report concludes by identifying six pathways for Canada to pursue a more coordinated strategy: from retrofitting buildings and electricity production to sustainable agriculture and electric vehicles. McKay writes with excitement about "[ushering in] a new age of ideas and innovations to create prosperity and jobs for Canadians, and [positioning] our economy for long-term sustainable growth."

### **Six of Canada's largest banks join the Net-Zero Banking Alliance (NZBA)**

As part of a global, industry-led initiative to accelerate and support efforts to address climate change, BMO, CIBC, National Bank of Canada, RBC, Scotiabank, and TD, **announced** that they are joining the Net-Zero Banking Alliance (NZBA).

The move reinforces the six banks' commitment to playing a key role in financing the climate transition and supporting collaborative approaches between private and public sectors to reach net-zero goals in 2050.

## CANADIAN POLICY HIGHLIGHTS

### **WHAT'S NEW? FEDERALLY**

#### **Federal Cabinet Swearing-In**

On Tuesday, October 26, the Trudeau Government was sworn in, bringing many changes to the cabinet table following the election.

Cabinet has expanded to include 39 ministers, maintained gender parity and now includes greater regional representation.



Pertinent to our advocacy work on behalf of our members are the following key cabinet updates:

**Environment** – Hon. Steven Guilbeault  
**Natural Resources** – Hon. Jonathan Wilkinson  
**Finance** – Hon. Chrystia Freeland  
(and Deputy Prime Minister)  
**Treasury Board** – Hon. Mona Fortier  
**National Revenue** – Hon. Diane Lebouthillier

The climate change file has received the most buzz from media and pundits. The new Minister responsible for Environment, the Hon. Steven Guilbeault is an anti-pipeline activist and well-loved among liberal climate change ideologues. He replaces the Hon. Jonathan Wilkson, who will take on the helm of Natural Resources, but both Ministers will ultimately hold the balance of power on the Government's energy transition priorities.

The purview of the Natural Resources file has shifted considerably from its resource roots in recent years with a much broader focus on climate policy action, including oversight of the Clean Power Fund and the Net-Zero Accelerator Fund. Wilkinson's role may become more critical to the industry as Trudeau pushes forward with an aspirational climate plan that focuses heavily on reducing oil and gas emissions. By any measure, it is clear that Trudeau is charting climate change action as his lasting governing legacy in what could be his final years (if not months) as Prime Minister.

The 44th Parliament will begin on November 22, 2021, with a Speech from the Throne.

## WHAT'S NEW? REGIONALLY

### Central Canada

Ontario Chamber of Commerce announced their **Ontario Climate Action Series**, taking place from Fall 2021 to Spring 2022. Under the banner of the Ontario Economic Summit, the series will include: a policy report and leadership analysis analysing climate change in Ontario and making recommendations for governments to take action; sustainability seminars focused on opportunities for climate innovation in Ontario; a

blog series highlighting private sector sustainability efforts in various sectors; and an advocacy and communications campaign to build awareness. Their first event, **The Climate Catalyst: Ontario's Leadership in the Green Global Economy**, takes place on November 4.

### Prairie Provinces

The Saskatchewan government **recently implemented** a number of regulatory changes to assist energy projects and expand and refine the Ministry of Energy Resources 2019 Petroleum Innovation Incentive Program and the 2020 Oil infrastructure Investment Program.

The federal court **rejects** Manitoba's argument against the federal carbon pricing plan, saying that Manitoba's carbon pricing plan was not as effective as the federal plan, as claimed.

### Western Canada

Emissions Reduction Alberta (ERA) **announced** that it is extending its Energy Savings for Business (ESB) program until March 2023 and doubling the incentive limit for parent companies to support participation. The ESB program offers incentives to eligible Alberta businesses and non-profits to choose high-efficiency products and onsite energy generation technologies to help decrease operating costs for Alberta businesses and meet long-term sustainability goals. Since its launch, the program has created over 600 skilled jobs and cut GHG emissions, providing support for over 800 projects.

## IN REVIEW: CANADA'S EV PROGRAM LANDSCAPE

Governments across the country have signaled to industry and consumers that electrification of transportation is a top priority in their long-term strategies to lower green-house gas emissions. The federal government has made Zero Emission Vehicle programming a flagship, offering the **A Healthy Environment and A Healthy Economy** climate plan. Certain Canadian jurisdictions have aligned in kind, with British Columbia, Quebec and the Yukon curating their own incentives.

For retailers interested in diversifying their transportation fuel offerings to consumers, CIPMA has compiled the latest funding streams available:



### GOVERNMENT OF CANADA

The Government of Canada committed \$280 million over 5 years toward the **Zero Emission Vehicle Infrastructure Program (ZEVIP)** in Budget 2019 to incentivize industry to increase the availability of local charging networks across the country.

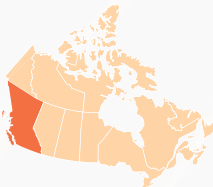
#### Zero Emission Vehicle Infrastructure Program

**Description:** A multi-phase RFP-based incentive program covering 50% of total project costs up to \$5,000 per Level 2 charger or \$50,000 per DCFC. Current RFP is focused on third-party delivery of incentives. Future RFPs will focus on mass transit, multi-family, workplace, public, and fleets. NRCan contributions are repayable based on certain conditions.

#### The program will support EV charging infrastructure development in:

- Public Places; service stations; retail; restaurants; arenas; libraries; medical offices; park and ride; etc.
- On-Street, Workplaces, Multi-Unit Residential Buildings (MURBs), and for light, medium and heavy-duty vehicle fleets.

**Status:** The Request for Proposals (RFP) focusing on public places, on-street, multi-unit residential buildings, workplaces and light-duty vehicle fleets closed in June 2021 with funding decisions expected this fall.



### PROVINCIAL AND TERRITORIAL

**British Columbia** offers company incentives to install EV charging stations through their *Clean BC Go Electric Public Charger Program* and the *CleanBC Communities Fund*.

#### Clean BC Go Electric Public Charger Program

**Description:** is a sub-program of the CleanBC Go Electric Program and is intended to increase the number of public Direct Current Fast Charger (DCFC) stations throughout B.C. .

- Rebates: amounts range from up to \$20,000 per 50kW DCFC, to \$130,000 per 100kW DCFC (for Indigenous Communities). Exact amounts depend on charger outputs with additional funding available for Level 2 chargers.

**Application Eligibility:** Applications can be, not-for-profit, local government, Indigenous community, or public sector organization located and operating in B.C.

The application deadline ended last spring. Applications that are not chosen will be retained for future review periods.

#### CleanBC Communities Fund

The intake round for the fund is currently closed.

**Description:** available to clean infrastructure projects in the province, covering 40% and 90% of eligible project costs, Level 2 and DCFC installations are eligible.

**Available to:** Public sites, fleet, or municipalities, projects must be in collaboration with at least one local government or Indigenous government.

**Quebec** plans to roll out an updated program in the new year through their *Roulez vert Program*.

#### Roulez vert Program

**Description:** the program currently offers rebates for residential and workplace EV charging installations. The program has been confirmed to be extended until 2022.

**Yukon** offers **rebates for installing a Level 2 EV charger**

#### Roulez vert Program

- Rebate amount, 50 percent of total costs up to a maximum of \$4,000 per installed charger for: commercial buildings, institutional buildings and multi-unit residential buildings.



# NEWS UPDATES

The following section is a summary of the top media headlines and coverage of key policy and issues impacting the transportation fuel marketing space. Please note that all orange text in the following section is hyperlinked. If viewing electronically, you can click to read full articles directly from the publication source.

## GLOBAL

### DEVELOPMENT BANK HEAD TO PROMOTE CARBON PRICING AT CLIMATE TALKS

President of the European Bank for Reconstruction and Development Odile Renaud-Basso will have a simple message for world leaders when she joins them for next month's COP26 climate summit: Embrace carbon pricing.

### CARBON NEEDS TO COST AT LEAST \$100/TONNE NOW TO REACH NET ZERO BY 2050: REUTERS POLL

Setting the global average price of carbon per tonne significantly higher at \$100 or more is necessary right away to incentivise net-zero emissions by 2050, according to a Reuters poll of climate economists.

### U.K. SET TO INTERVENE IN CARBON MARKET IF PRICES STAY ELEVATED

The U.K. government said it's on track to intervene in its national carbon market in December if prices remain elevated. Prices are required to stay above the trigger for three consecutive months before the government is allowed to intervene through a measure known as the cost-containment mechanism.

### JOBKILLER: AUSTRALIAN CLIMATE INACTION PUTS 20,000 JOBS AT RISK FROM CARBON TARIFFS

A new report released October 12 by the Climate Council finds the lack of Australian climate policy exposes the nation to serious economic consequences – including 20,000 jobs at risk in New South Wales – from carbon border tariffs.

### AUSTRIA ADOPTS CARBON PRICING IN TAX OVERHAUL

Austria will implement a carbon levy of 30 euros per tonne next year as part of an overhaul of the tax system that officials said on October 3 would reward behaviour that helps protect the environment while cutting corporate and income taxes. The carbon levy will rise to 55 euros per tonne in 2025.

### REVISED CARBON PRICING TO BE ANNOUNCED IN NEXT SINGAPORE BUDGET, AS CURRENT LEVEL IS 'TOO LOW'

Singapore's carbon prices today are "too low," Finance Minister Lawrence Wong said on October 15 as he gave more details on the country's ongoing review of the level and trajectory of its carbon tax policy.

### EUROPEAN GAS CRUNCH PUSHES UP CARBON PRICE

Europe's escalating gas supply crunch has pushed up the price of allowances linked to carbon emissions as energy producers switch over to cheaper but dirtier coal. EU carbon allowances in the first week of October topped €65 a tonne for the first time.

### OPEC MISSES CRUDE OUTPUT TARGETS, STRAINING GLOBAL OIL SUPPLY

OPEC and its allies once again failed to pump enough oil to meet their output targets, exacerbating the supply deficit as the world recovers from the coronavirus pandemic. OPEC+ cut its production 15% deeper than planned in September, compared with 16% in August and 9% in July.

### GLOBAL GAS CRISIS IS SPILLING OVER INTO OIL MARKETS, IEA SAYS

Shortages of natural gas in Europe and Asia are boosting demand for oil, deepening what was already a sizable supply deficit in crude markets, the International Energy Agency said October 14. Crude has surged above US\$80 a barrel, the highest in three years.

### SOLDIERS ARE DELIVERING FUEL IN BRITAIN AS 'CHALLENGING' SHORTAGES PERSIST

The army started supplying service stations in the U.K. on October 4 in an effort to end more than a week of shortages that had forced pumps to close and left motorists without fuel. Almost 100 tanker drivers from the military underwent training over the previous weekend.

### IS THERE A GLOBAL ENERGY SHORTAGE OR IS IT A COINCIDENCE OF REGIONAL CRISES?

Matthew Childs of Reuters says the idea that the world has suddenly been stricken by an energy shortage is "mostly wrong," adding, "The disruptions have less in common than you may think."

### LIBYA'S OIL SECTOR DESCENDS INTO CHAOS AS DEPUTY MINISTER RESIGNS

The resignation of Libya's deputy oil minister, Refaat al-Abbar, in the first week of October threatened to make the current uneasy situation in Libya's oil sector even worse. Libya is currently producing around 1.2 million barrels per day of crude oil but plans to almost double this amount within four years.

### THE FUTURE OF THE VAST OIL AND GAS INDUSTRY DEPENDS ON BLOCKCHAIN

According to Douglas Heintzman, chief catalyst at the Blockchain Research Institute, the oil and gas industry is ripe for blockchain development due to its uniquely positioned supply chain and has quietly started to leverage blockchain technology for business success.

### INEOS TO INVEST \$2.3 BLN ON GREEN HYDROGEN PRODUCTION

INEOS, Europe's largest hydrogen producer, said on October 11 it would invest more than 2 billion euros on electrolysis plants to make zero-carbon green hydrogen across Europe. The first plants will be built in Norway, Germany and Belgium over the next 10 years, with others planned in the UK and France.

### SUNFIRE SECURES €109-MILLION INVESTMENT TO ACCELERATE GREEN HYDROGEN TECHNOLOGY GROWTH

German electrolyzer manufacturer Sunfire has secured €109 million of new funding in its Series D round. The company plans to use capital to build the first in a series of production gigafactories and bring its advanced pressurized alkaline solid oxide (SOEC) electrolysis technologies to industrial scale.

### NEOS CONFIRMS FUEL-CELL VERSION OF GRENADIER RETRO SUV, GREEN HYDROGEN PLAN

Ineos on October 18 announced a \$2.3-billion investment in green hydrogen production, which could pave the way for a fuel-cell version of the Ineos Grenadier SUV. The investment will fund plants in Norway, Germany, Belgium, and the U.K. that will produce hydrogen through electrolysis.



**'NO COMMERCIAL CASE FOR GREEN HYDROGEN' YET: SIEMENS ENERGY CEO**

The CEO of Siemens Energy has spoken of the challenges facing the green hydrogen sector, saying there was “no commercial case” for it at this moment in time. During the Sustainable Future Forum on October 19, Christian Bruch outlined areas that would need attention for the fuel to gain momentum.

**GREEN HYDROGEN CURRENTLY CHEAPER TO PRODUCE IN EUROPE THAN GREY AND BLUE H2 DUE TO HIGH NATURAL GAS AND CARBON PRICES**

The price of natural gas in Europe is currently so high that it would be cheaper to produce green hydrogen from renewable energy than grey or blue H2 from methane, according to new calculations.

**SIMPLE AND SEAMLESS CHARGING VITAL FOR MASS EV ADOPTION**

Removing entry barriers and creating a seamless end-user experience will help nurture the nascent EV market, according to industry experts. That means going beyond current charging-related digital services to include intelligent solutions that allow for more efficient services and better customer experiences.

**REPORT: NICKEL SHORTAGE COULD PINCH EV BATTERY SUPPLIES, AFFECT COSTS**

Global nickel demand could outstrip supply within the next few years, potentially limiting EV battery supplies, according to a new report from the Norwegian consultancy Rystad Energy. The report predicts that by 2024 annual global demand for nickel will rise from the current 2.5 million metric tons to 3.4 million metric tons, exceeding available supplies.

**CHINA COMMITS TO 80% OF ENERGY MIX FROM NON-FOSSIL FUELS BY 2060**

China will work toward having 80% of its total energy mix from non-fossil fuel sources by 2060, according to a high-level policy framework for achieving peak carbon and carbon neutrality published by the State Council, the country's highest executive body, on October 24.

**HONDA TO LAUNCH NEW EV BRAND IN CHINA NEXT YEAR**

Honda Motor will launch a new electric vehicle brand in China next year, it said on October 13, and will only launch battery electric, hydrogen fuel-cell or petrol-electric hybrid vehicles there from 2030. Known for its fuel-efficient internal-combustion engines, Honda sold over 1.6 million vehicles in China last year.

**ELECTRIC CAR WITH 1,200-KM RANGE IN INDIA? TRITON EV SHOWCASES MODEL H SUV**

US-based electric vehicle manufacturer Triton EV showcased its Model H electric SUV in Hyderabad in Telangana, India on October 13. Triton EV claims the electric SUV can be fully recharged through a hypercharger in just two hours, and that once fully charged, it can run for about 1,200 km.

**SWEDISH FUEL RETAILERS REQUIRED TO DISPLAY ECO-LABELS AT PUMPS**

Fuel retailers in Sweden are now required to display eco-labels at pumps in what is thought to be the first initiative of its kind in the world. Starting October 1, it will be compulsory for each dispenser of fluid and gas transportation fuels to be labelled with its climate intensity, renewable share and origin.

**RUSSIA CONSIDERING MORE AMBITIOUS CLIMATE TARGETS**

Russia is considering more ambitious climate targets that would significantly reduce its greenhouse gas emissions by 2050 but fall short of carbon neutrality, a draft government document seen by Reuters showed on October 6.

**OPEC PROJECTS OIL DEMAND GROWTH TO 2035 IN SPITE OF COP26 GOALS**

OPEC sees oil demand continuing to grow to the middle of next decade, even as world leaders prepare for another attempt to avert catastrophic climate change. Global fuel consumption will fully recover from its pandemic slump by 2023 and will keep growing until it hits a plateau shortly after 2035, OPEC said in its latest long-term report.

**WORLD IS UNDERINVESTING IN ENERGY, IEA OUTLOOK SHOWS**

The International Energy Agency’s latest long-term outlook concludes that we are underinvesting in energy of all kinds. A surge in clean energy spending is the obvious way out of this impasse, but something has to change quickly, or global energy markets face a turbulent period ahead.

**UNITED STATES**

**ENBRIDGE TEMPORARILY STOPS LINE 5 PIPELINE IN MICHIGAN DUE TO PROTESTS**

The operator of a Michigan oil pipeline said it temporarily shut down Line 5 October 19 after protesters warned the company that they planned to turn an emergency valve. Enbridge spokesman Ryan Duffy said the pipeline's flow was temporarily stopped "out of an abundance of caution to protect communities, first responders and the protesters."

**LINE 5 OPPONENTS URGE WHITE HOUSE TO REJECT CANADA'S 'AUDACIOUS' TREATY GAMBIT**

Opponents of Line 5 want the White House to reject Canada’s bilateral effort to prevent a Michigan judge from shutting down the cross-border pipeline. Canada has formally requested negotiations with the U.S. under the terms of a 1977 treaty that specifically deals with the bilateral transmission of energy.

**RFA TO BIDEN: LOW-CARBON FUELS CAN SOLVE PUMP PRICE CONCERNS**

In response to media reports that the White House had been meeting with oil industry officials to discuss solutions to recent higher gas prices, the Renewable Fuels Association reminded President Biden on October 14 that efforts to encourage more use of high-carbon fossil fuels to stem higher gasoline prices were “clearly antithetical to [his] administration’s objectives regarding clean energy development, climate change resilience, domestic job creation, and energy security.”

**CREWS RACE TO LIMIT DAMAGE FROM CALIFORNIA OIL SPILL**

Crews on the water and on shore worked feverishly in the first week of October to limit environmental damage from one of the largest oil spills in recent California history, caused by a suspected leak in an underwater pipeline, that could keep the beaches there closed for weeks.

**RENEWABLE ENERGY DEMAND PUSHING SOY OIL TO THE FOREFRONT**

The 2020-21 marketing year had all the thrills of a roller coaster ride for soybean farmers – highs that were too short-lived and downturns that were excruciatingly long as growers tried to figure out how and when to price their crop. It also brought a resurgence of the old food vs. fuel debate.

**U.S. ETHANOL OUTPUT BACK TO PRE-COVID LEVELS**

Bloomberg says U.S. ethanol production reached its highest level since COVID-19 lockdowns brought the industry to a basic standstill. The revival comes as corn is readily available at a relatively cheap price, setting the stage for better profit margins and a potential boost in overseas demand for U.S. supplies.

**BARTLETT TO CONSTRUCT SOYBEAN CRUSHING PLANT IN SOUTHEAST KANSAS**

Bartlett is constructing a \$325-million soybean crushing facility in Montgomery County to benefit supply chains for renewable fuels, food products and animal feeds. Construction is scheduled to start in early 2022, with operations anticipated to begin in 2024.

**TOYOTA, STELLANTIS SPENDING BIG ON NORTH AMERICAN EV BATTERY PRODUCTION**

Stellantis and battery maker LG Energy Solution are teaming up to build a lithium-ion-battery manufacturing plant in North America that will start operations in early 2024, the automaker announced October 18.

Separately, Toyota announced October 18 that it will spend \$3.4 billion to develop battery production and build hybrid and electric vehicles in the U.S.



**OIL INDUSTRY NEEDS \$500 BILLION TO AVOID FUTURE SUPPLY CRISES, SAYS MOODY’S**

Oil explorers need to raise drilling budgets by 54% to more than half a trillion dollars to forestall a significant supply deficit in the next few years, according to a Moody’s report October 7.

Crude and natural gas drillers haven’t responded to the recent market rebound as the industry typically does by expanding the search for untapped fields.

**BP SAYS IT WILL DOUBLE RENEWABLE DIESEL OUTPUT FROM WASHINGTON STATE REFINERY**

BP will invest \$269 million in its 242,000 b/d Cherry Point refinery in Ferndale, Washington, to increase output of renewable fuels as well as improve the plant's efficiency as the company looks to cut its carbon footprint, the company said October 4.

**RENEWABLE ENERGY GROUP COLLABORATES WITH IOWA STATE UNIVERSITY ON HYDROTREATER PILOT PLANT FOR RENEWABLE DIESEL**

Renewable Energy Group will close its 35 million gal/year biodiesel plant in Seabrook, Texas, due, in part, to its inability to process multiple feedstocks, the company said September 29. The closure of REG's Houston plant will leave the US Gulf Coast region with 14 plants, down from 18 in 2019.

**EXXON SEES GREEN GOLD IN ALGAE-BASED FUELS. SKEPTICS SEE GREENWASHING.**

Some scientists regard Exxon Mobil Corp.’s long-running quest to turn algae into a transportation fuel as little more than a PR stunt. The oil giant says they are wrong. Using genetic engineering, Exxon says it is closer to its goal of fueling jet planes and heavy trucks with oil distilled from the tiny organisms.

**CANADA**

**CONSERVATIVES CAN’T KICK THEIR ADDICTION TO OPPOSING CARBON TAXES**

In this op-ed, Max Fawcett outlines evidence that the carbon tax has become popular with both companies and the general public, concluding that “trash-talking the federal carbon tax may still play well within the Conservative family, [but] it is increasingly toxic to the rest of the country.”

**PRICING CARBON: CANADA’S ‘CARBON TAX’ VERSUS INTERNATIONAL GAS TAXES**

This National Observer article presents a thorough comparison between gasoline taxes for Canada and many of its peers and describes the effects those taxes have on citizens’ choices of vehicles. It concludes by recommending a drastic increase in Canada’s gas tax to help rein in gasoline and diesel emissions.

**THINK O’TOOLE’S CARBON PRICE HURT HIM? IT DIDN’T.**

Since the election and the party’s disappointing result, some Conservative insiders have argued the leader's embrace of carbon pricing was a mistake that cost the party votes. But a new exit poll by Leger and Clean Prosperity shows that’s not true.

**PROSPECTIVE POLLUTION POLICY AIMS TO CURB ‘CARBON LEAKAGE’**

In this op-ed, D.C. Fraser says that border carbon adjustments are coming to Canada; it is just a matter of time. Fraser warns that this policy shift has the potential to drastically impact Canadian industry.

**CANADA AMONG HIGHEST ENERGY CONSUMERS AS COUNTRIES MOVE TO NET ZERO EMISSIONS**

An annual look at global energy systems suggests Canadians are among the biggest consumers of energy even as policies ramp up to make the country more energy efficient. The IEA’s World Energy Outlook published October 20 shows Canadians used more than 300 gigajoules of energy per person last year, more than three times the world average and among the highest in the world

**INTERNATIONAL ENERGY AGENCY FORECASTS DECLINE IN CANADIAN OIL DEMAND COMING**

Environment groups in Canada say governments and the oil and gas industry can no longer pretend there is an economic case for expanding oil production after the latest international energy forecast suggests demand for Canada’s oil will fall before the end of this decade.

**IEA REPORT SHOWS GRIM FUTURE FOR CANADIAN FOSSIL FUEL INDUSTRY: EXPERTS**

For the first time in history, the IEA’s World Energy Outlook report showed a world where oil demand declines no matter how aggressive — or not aggressive – countries’ future climate change mitigation policies are, and that spells trouble for the future of the Canadian oil and gas industry, experts say.

**GM CANADA PRESIDENT SCOTT BELL SHARES HIS TAKE ON CANADA’S ROLE IN THE COMPANY’S FUTURE**

From minerals to manufacturing, General Motors is focused on an increasingly EV-dominant future, and Canada is being considered a significant partner and place of investment in the process, says GM Canada president.

**PHILIP CROSS: IF OIL AND GAS ARE DEAD, WHY ARE EXPORTS BOOMING?**

Despite all the hype surrounding electricity exports, they earn less in a month than oil and gas generate every day, says Philip Cross in this op-ed. He adds that the strong recovery of oil prices over the past year proves their nosedive in spring 2020 was just another cyclical decline and did not signal the end of fossil fuels.

**NEWFOUNDLAND ECONOMIST WARNS CANADA’S NET-ZERO GOAL WILL MEAN MORE THAN HIGHER FUEL PRICES IN YEARS TO COME**

With gas prices soaring, those with the least income in Canada will see the largest impact on their bank account as Canada transitions to a greener economy, according to Memorial University economics professor Wade Locke. Additional carbon taxes are just one of several factors contributing to the higher price of oil and gas, Locke said.

**CANADIANS TO PAY SIGNIFICANTLY MORE AT THE PUMPS THANKS TO SURGING OIL PRICES**

As oil prices reached a seven-year high, analysts said Canadians should brace for skyrocketing prices at the pumps. The cost of gas was expected to hit historic highs just in time for the Thanksgiving weekend, thanks to increased demand and undersupply of oil globally.

**A SHIFTING LANDSCAPE IN RENEWABLES**

This Lexpert article describes the shifting landscape when it comes to renewables in various regions of Canada, with a focus on hydrogen, which it calls the “it” fuel.

**INDIGENOUS ENERGY PARTNERSHIPS ARE KEY TO TRUTH AND RECONCILIATION**

In every Canadian province, Indigenous communities have become pivotal partners in getting natural resource projects and related infrastructure projects done. The wealth these projects provide can drive meaningful change within Indigenous communities by way of jobs and future opportunities.

**COST IS THE MAIN REASON STOPPING CANADIANS FROM BUYING AN ELECTRIC CAR: SURVEY**

A new survey conducted by Leger Marketing earlier this month asked 1,511 Canadians if they were planning to purchase a new electric vehicle in the near future. It found that 26% are planning to do so. For those who weren’t, the biggest reason by far for their decision was the price of these vehicles.

**LIBERALS’ ELECTRIC-VEHICLE AMBITIONS REQUIRE MANDATE: STUDY**

To meet their goal that all cars in Canada be electric by 2035, the Liberals must make it the law, according to a new study. B.C. and Quebec already have provincial EV mandates, and most EVs sold in Canada go to those two provinces. The proposed mandate is the only way to meet the government’s EV goals, according to modelling by Clean Energy Canada.

**WESTERN REGION**

**'DAWN OF A NEW AGE FOR ENERGY' IF ALBERTA CAN RIDE THE MOMENTUM**

Calgary Herald columnist Chris Varcoe says that for all of the hand wringing about the state of Alberta’s energy industry, two announcements this week provide a glimpse at what the future can look like — if the province and industry can seize the opportunity in front of it.

**BRITISH COLUMBIA INVESTING IN PROPOSED WORLD-LEADING CLEAN FUELS PLANT IN MERRITT**

The government of British Columbia is contributing \$2 million from the Innovative Clean Energy Fund to support the engineering and design of a first-of-its-kind plant in Merritt to capture carbon dioxide and convert it to clean fuels, creating new jobs and economic opportunities in B.C.’s cleantech sector.



**ARBIO'S MOVES FORWARD WITH BIOFUELS PLANT IN BRITISH COLUMBIA**

Arbios Biotech announced October 11 the decision to proceed with the development of a pioneering biomass to low carbon biofuel plant in Prince George, British Columbia. The plant will use innovative, first-of-a-kind technology to convert sawmill residues, primarily bark, into high value renewable biocrude which can be further processed in refineries to produce low-carbon transportation fuels.

**DOW ANNOUNCES PLANS TO BUILD 'NET-ZERO' PETROCHEMICALS FACILITY IN ALBERTA**

Dow Inc. says it has plans to expand and decarbonize its petrochemicals site at Fort Saskatchewan, Alta.

The U.S.-based chemical company says it will build a net-zero carbon emissions ethylene and derivatives complex at the site. It says it will be the first facility of its kind in the world.

**MONTEM HOPES TO BE CANADA'S FIRST GREEN HYDROGEN PRODUCER**

Montem Resources has unveiled plans to transition its Tent Mountain metallurgical coal project in Alberta to become a renewable energy complex. Montem is proposing to build an integrated wind and hydropower complex to produce green hydrogen at Tent Mountain.

**NIKOLA INKS HYDROGEN PRODUCTION DEAL WITH CANADA'S TC ENERGY**

Nikola, the Phoenix-based maker of zero-emission vehicles, announced a joint development agreement with Calgary's TC Energy on October 7 to co-develop hydrogen production facilities in the U.S. and Canada, with the goal of building facilities capable of producing 150 tonnes or more of hydrogen per day in the next five years.

**BALLARD POWER SYSTEMS AND FORSEE POWER TO ENTER LONG-TERM STRATEGIC PARTNERSHIP ON HEAVY-DUTY HYDROGEN MOBILITY**

On October 18, Vancouver company Ballard Power Systems and Paris-based Forsee Power announced the signing of a Memorandum of Understanding for a strategic partnership to develop fully integrated fuel cell and battery solutions, optimized for performance, cost and installation for heavy-duty hydrogen mobility applications.

**LINE 3 DID SOMETHING RARE FOR A PIPELINE THAT EXPORTS CANADIAN CRUDE: IT GOT BUILT**

Line 3 was up and running on October 1, adding 370,000 barrels per day in new exports from Alberta to Wisconsin, which is more than half the output the scrapped Keystone XL project was supposed to achieve. The question explored by this article: was it a game-changer — either for Alberta's oil sector or for the climate?

**'STEEPLY DISCONNECTED': WHY ALBERTA'S BATTERED PRODUCERS COULD MISS OUT ON GLOBAL NATURAL GAS BOOM**

Heavily discounted natural gas prices in Alberta have domestic producers frustrated they could miss out on much of the upside of a global rally. Natural gas prices are hitting multi-year seasonal highs across North America. Producers point to maintenance and expansion work on TC Energy Corp.'s Nova Gas Transmission Ltd. pipeline system for the disconnect.

**PIPELINE STANDOFF: WET'SUWET'EN BLOCK EFFORT TO TUNNEL UNDER MORICE RIVER**

Tyee reporter Amanda Follett Hosgood, on the scene where Coastal GasLink's plan to install pipe under the Morice River in northern B.C. has been halted for 11 days, describes the conflict between the Wet'suwet'en and the company.

**ONTARIO / QUÉBEC REGION**

**BRITISHVOLT REVEALS PLANS FOR 60GWH CANADIAN BATTERY CELL FACTORY, CATHODE AND ANODE PRODUCTION AND R&D CENTRE**

The UK-based technology and manufacturing firm Britishvolt is close to securing premises in Quebec for its second gigafactory to serve the North American EV industry. It also plans to expand into cathodes and R&D.

**STROMVOLT UNVEILS "MISSION" TO BUILD CANADA'S FIRST LARGE-SCALE EV BATTERY CELL MANUFACTURING PLANT**

StromVolt Americas Inc. CEO Maxime Vidricaire announced October 5 that Canada may soon be getting its first battery cell manufacturing plant, likely located in Quebec. He made the announcement while on a panel discussing what Canada needs to do to get to 100% light-duty electric vehicle sales by 2035.

**CANADA'S OIL INDUSTRY DEALT A FINANCIAL BLOW AS PENSION GIANT DIVESTS ITSELF OF INVESTMENT IN FOSSIL FUEL**

The funding well hasn't run dry, but the flow of money into Canada's oil industry is slowing down. The Caisse de depot et placement du Quebec – Canada's second-biggest pension fund – announced September 28 it was divesting of all of its oil production investments by 2022, citing environmental concerns.

**AURORA ELECTRIC CAR DRIVERS GET A BOOST WITH 18 NEW CHARGING STATIONS**

In partnership with Ivy Charging Network, the town of Aurora, Ontario, has expanded the number of stations where electric car drivers can plug in their vehicles. The installation of 18 Level 2 Ivy Charging Park and Charge stations at six town-owned facilities will allow drivers to "charge up" in a few hours.

**ATLANTIC REGION**

**ATLANTIC CANADIAN ENERGY PROPONENTS AIM TO ADVANCE CLEAN HYDROGEN**

A number of Atlantic Canadian energy organizations are joining forces to advance the clean hydrogen industry in the region. The Atlantic Hydrogen Alliance seeks to accelerate the development, production, use and export of green hydrogen.

**THE N.L. GOVERNMENT IS PUSHING THE ELECTRIC CAR – BUT LABRADOR'S INFRASTRUCTURE IS LAGGING BEHIND**

According to a survey conducted this year, 51% of rural Canadians found a lack of fast-charging public infrastructure to be a major deterrent to buying an electric car. While Newfoundland's 14-charger network allows drivers to travel from St. John's to Port aux Basques, Labrador in contrast has just two publicly available charging locations.





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