

The business of wind power at Suncor Energy

Suncor is a Canadian pioneer in wind energy. As an integrated energy company, Suncor is committed to developing and supplying energy options that meet the needs of today and tomorrow. We believe that wind power – a clean, safe and renewable energy source – is an important part of Canada's future energy mix.

Wind power is the fastest growing source of electricity generation in the world. It is efficient, emissions-free and infinitely renewable.

Suncor's six operating wind power projects across Canada are expected to generate enough electricity to power



Lifting a 47.5-tonne rotor assembly into the air and onto the nacelle of a turbine.

approximately 100,000 homes. These wind projects would avoid approximately 500,000 tonnes of carbon dioxide each

year, equivalent to the annual tailpipe emissions of more than 113,000 cars.

Project	SunBridge	Magrath	Chin Chute	Ripley	Kent Breeze	Wintering Hills
Date commissioned	2002	2004	2007	2008	2011	2011
Location	Saskatchewan	Alberta	Alberta	Ontario	Ontario	Alberta
Size	11 MW	30 MW	30 MW	76 MW	20 MW	88 MW
Partners	Enbridge*	Acciona** and Enbridge*	Acciona** and Enbridge*	Acciona**	none	Teck Resources Limited

* Enbridge Wind Power General Partnership
 ** Acciona Wind Energy Canada Inc.

An update on Suncor's developing wind power projects

As part of Suncor's ongoing development of renewable energy options, we are actively involved in early stage development for a number of projects across Canada:

Alberta: We have held public open houses regarding our proposed Hand Hills project near Delia, Alta., and are working toward submitting the necessary regulatory application in late 2012. This approval is necessary as we work toward building the proposed 80 MW development.

Saskatchewan: In 2011, we bid to supply SaskPower with 175 MW of renewable power. Although we were not successful in this process, we are pleased that SaskPower was able to have a strong list of competitive projects offered. We look forward to our next opportunity to develop our Saskatchewan project lands.

Ontario: In 2011, Suncor received Feed In Tariff contracts for two wind power projects in Ontario. Our Adelaide project is a 40 MW development near Strathroy, and our Cedar Point project is a 100 MW development near Sarnia. Both projects are scheduled to deliver power starting in 2014 subject to regulatory approvals under the Ontario Renewable Energy Approval (REA) process. We began the technical and environmental assessments in support of the REA process in 2011 for these projects, and continued with extensive public consultation on the projects during 2012.

More information can be found on our project websites:
suncor.com/adelaidewind
suncor.com/cedarpointwind

Energy partners celebrate Suncor's sixth wind power project

While the wind turbines have been operational since the end of 2011, the celebration on June 12, 2012 was the official launch of Suncor's sixth wind power project. Our largest to date, the 88 MW project, located 23 kilometres southwest of Drumheller, Alta., is a partnership between Suncor and Teck Resources Limited.

Local landowners, community members, suppliers and government officials joined Suncor and Teck for the event. The grand opening and community celebration featured food, cake, entertainment and tours of the project. Suncor and Teck also presented donations totalling \$45,000 to support community programming and operations in Wheatland County and the Drumheller region. The recipients included the Dalum Community Hall, the Drumheller Community Football Association, and the Badlands Community Facility in Drumheller.



A true community celebration: Representatives from the Dalum Community Hall, the Drumheller Community Football Association and the Badlands Community Facility in Drumheller receive community donations from Suncor Energy and Teck to celebrate the opening of the Wintering Hills Wind Power Project in Alberta.

The \$200-million wind project received regulatory approval in 2010 and consists of 55 wind turbines, each generating 1.6 megawatts. In all, Wintering Hills has the capacity to generate enough clean electricity to power 35,000 homes.

"Wintering Hills is another example of Suncor's ongoing commitment to increasing renewable energy options in Canada," says Jim Provias, Suncor's vice president of renewable energy. "It's an important part of our integrated energy strategy."

Did you know: Canada ranks ninth in the world for total installed wind energy capacity.

For more information about wind, check out the Canadian Wind Energy Association (CanWEA) at canwea.ca.

SunBridge – 10 years of operations

Suncor and its partner, Enbridge Wind Power General Partnership, recently celebrated 10 years of operation at its SunBridge Wind Power Project near Gull Lake, Sask.

This 11-megawatt, 17-turbine facility was the first wind power project in Saskatchewan and was developed as part of a commitment to support renewable power development in the province. Suncor and Enbridge are very proud to call themselves pioneers in wind project development in Saskatchewan and have enjoyed an outstanding long-term relationship with both the local community and the province. We look forward to continuing to supply clean power to the province for the next 10 years and beyond!

Describing how turbines operate



Community members and Kent Breeze operations supervisor Jason Weir, right, on a tour at the community grand opening of Suncor's Kent Breeze wind facility in southern Ontario in September 2011. Kent Breeze is Suncor's second wind facility in southern Ontario.

Take the oil sands tour

Despite what you may have heard from anti-oil sands campaigners, what happens in Alberta's north is not a secret we're trying to keep. It's quite the opposite, really.

Not only do we welcome and encourage visitors, we also work with Fort McMurray Tourism to offer guided bus tours of our oil sands operations from late May through September. Anyone, from foreign dignitaries to tourists passing through the province, can visit oil sands production sites. We believe that by visiting, people will see not only the effect of oil sands development but also the enormous economic and engineering achievement that it represents for Canada.

Our hope is that visitors will take away a first-hand understanding of the contribution our sector is making to

keep the wheels of transport turning across North America, and also our efforts to reduce development impacts on Alberta's environment.

But we understand that not everyone can make it to the oil sands in person. That's why we also offer a virtual tour on our website. To get a glimpse into the inner workings of our oil sands site, go to suncor.com/videos and select Oil Sands Tour.

As of November 2012, Suncor guided 3,393 individuals on 155 tours through our oil sands sites. We are hoping to host more visitors in 2013. Notable attractions include:

- an opportunity to visit the Oil Sands Discovery Centre where you can experience the story of the oil sands from the driver's seat of a 150-tonne truck
- the Aurora Borealis, nature's free light show, which we think beats anything Las Vegas can offer



Oil sands site tours are readily available for those who can (and can't) make the trip.

- reclamation in action, where the former site of a tailings pond is being transformed into a mixed wood forest and small wetland.

So when you consider your summer travel plans, don't discount heading to the Fort McMurray area.

To book your oil sands tour, go to fortmcmurraytourism.com/tours.

Canada's Oil Sands Innovation Alliance launched

Canada's Oil Sands Innovation Alliance (COSIA), publicly announced in March, isn't the first industry organization formed to address the environmental challenges of oil sands development, but it does promise to be different than anything we've seen yet.

Founded by Suncor's president and CEO Steve Williams and the leaders of 13 other like-minded oil sands companies, COSIA represents an unprecedented level of collaboration for the industry.

It builds on advancements made by other industry and research development associations, including the Oil Sands Leadership Initiative, the Canadian Oil Sands Network for Research and Development, the Oil Sands Tailings Consortium, and the Petroleum Technology Alliance of Canada. And with multiple companies and associations coming together in this manner, barriers to funding, intellectual property and human resources should be eliminated.

Aside from the magnitude of collaboration, COSIA is different on a few other fronts:

- Oversight of COSIA and work on its focus areas of tailings, water, land and greenhouse gases will come directly from oil sands industry chief executives, who have a knack for getting things done.
- COSIA is a single organization with a clear line of sight to performance improvements, including yet-to-be-determined performance goals for each of the focus areas.
- COSIA will enable industry players to work together to avoid duplication of effort, share collective expertise and build on one another's successes to improve environmental performance and the pace of performance delivery by the industry.
- COSIA also provides better access to key industry players for anyone with ideas or potential solutions for advancing performance in the focus areas.

While COSIA can't claim to be the first organization created to tackle the environmental impacts of oil sands development, we think it is well positioned for success.

For more on COSIA, check out their website at cosia.ca.



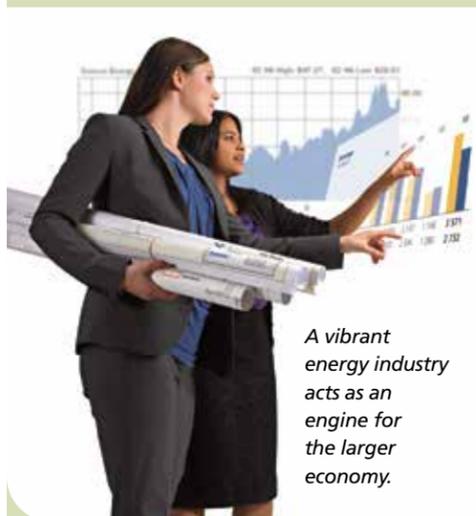
Steve Williams, Suncor's president and CEO, helped launch the alliance March 1 in Calgary.

Photo: COSIA

What do you think of In Your Community?

Please share your thoughts via the attached postcard or online at suncor.com/inyourcommunity

We're in it for the long haul



A vibrant energy industry acts as an engine for the larger economy.

Suncor has been working hard to develop energy resources in a way that creates social benefits for our communities, improves environmental performance and generates economic growth:

"If too much emphasis is put on short-term economic gain at the expense of promoting strong communities or a healthy environment, long-term economic costs are almost certain to occur," said Steve Williams, Suncor's president and CEO, in the 2012 Report on Sustainability.

"The economic wealth generated by responsibly developing this resource base provides today's social benefit of good jobs and government revenues – while also generating the investment capital needed to help realize tomorrow's environmental technologies and new energy sources."

The benefits of Suncor's success are reflected in these 2011 numbers:

- Paid \$2.27 billion in royalties. We also paid income taxes of approximately \$900 million to governments in Canada and internationally.
- Capital and exploration expenditures totalled \$6.9 billion in 2011, compared to \$6.0 billion in 2010.
- Our combined spending on goods and services was almost \$10.9 billion.
- We have more than 11,000 vendors spanning all provinces, Northwest Territories, Yukon, the United States and 43 other countries.
- The range of goods and services is extensive and includes heavy equipment, drilling, construction, engineering, environmental services, trucking, chemicals, electrical, and hospitality services.

For more information on Suncor's 2011 results, go to suncor.com/sustainability.

OSQAR celebrates a milestone

Suncor's Oil Sands Question and Response (OSQAR) e-newsletter and blog marked a significant milestone when it published its 100th edition on Sept. 5. To celebrate this achievement we:

- held our first-ever OSQAR live text chat. Hosted on our OSQAR blog, panelists Gord Lambert, Suncor's vice president, sustainability; Ed Whittingham, executive director, Pembina Institute; and David Layzell, executive director, Institute for Sustainable Energy, Environment and Economy; and professor, department of biology, University of Calgary, were on hand to take questions from our readers on oil sands development. To read the chat history, go to osqar.suncor.com/osqar-live-chat.html.

- announced an official OSQAR app. Coming soon for all mobile devices, this new app will make it easier to read OSQAR on the go as well as explore video and photo content related to the oil sands. Watch the OSQAR blog at osqar.suncor.com for details on how to get 'OSQAR to go' for your mobile device.

- produced a special OSQAR video. Go behind the scenes with the OSQAR team for a tongue-in-cheek look at how each edition is planned, written and published. To view the video, go to osqar.suncor.com/a-milestone-for-osqar.html.

OSQAR's popularity has grown since the first edition was launched in April 2010. The e-newsletter now has more than 2,000 subscribers and the blog, launched



OSQAR published its 100th edition on Sept. 5, 2012.

in June 2011, attracts about 1,125 readers per week.

Here's what's in store for the next 100 editions: We'll continue tackling controversial oil sands development topics. We'll also continue inviting others to contribute through guest columns, as we believe offering a variety of perspectives facilitates knowledge and encourages fact-based dialogue.

To subscribe to OSQAR, log on to osqar.suncor.com/subscribe.html.

Sign up at www.suncor.com/emailalerts to be notified when new *In Your Community* newsletters are available online

This publication contains forward-looking statements identified by words like "expected," "anticipate," "estimate," "plan," "schedule," "goal," "propose," "target" and "strategy". All statements that address expectations or projections about the future, including statements about our strategy for growth, costs, schedules, production volumes, operating and financial results and expected impact of future commitments, are forward-looking statements. These statements are not guarantees of future performance and involve a number of risks and uncertainties, and actual results may differ materially from those expressed or implied. Suncor's Earnings Release, Quarterly Report and Management's Discussion & Analysis for the third quarter of 2012 and its most recently filed annual information form/Form 40-F, annual report to shareholders and other documents it files from time to time with securities regulatory authorities describe the risks, uncertainties, material assumptions and other factors that could influence actual results and such factors are incorporated herein by reference. Copies of these documents are available without charge from Suncor at 150-6 Avenue S.W., Calgary, Alberta T2P 3Y7, by calling 1-800-558-9071, or by email request to info@suncor.com or by referring to the company's profile on SEDAR at www.sedar.com or EDGAR at www.sec.gov. Except as required by applicable securities laws, Suncor disclaims any intention or obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.