

Positive Energy – Trust in Transition

Social Acceptance of Evolving Technologies and Transition

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CANADIAN WIND
ENERGY ASSOCIATION

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www.CanWEA.ca

- Voice of Canada's wind energy industry
- Since 1984, advocating for responsible, sustainable growth of the industry
- 200+ members
- Founder, Canadian Council for Renewable Electricity (CanCORE)



Wind Energy Development

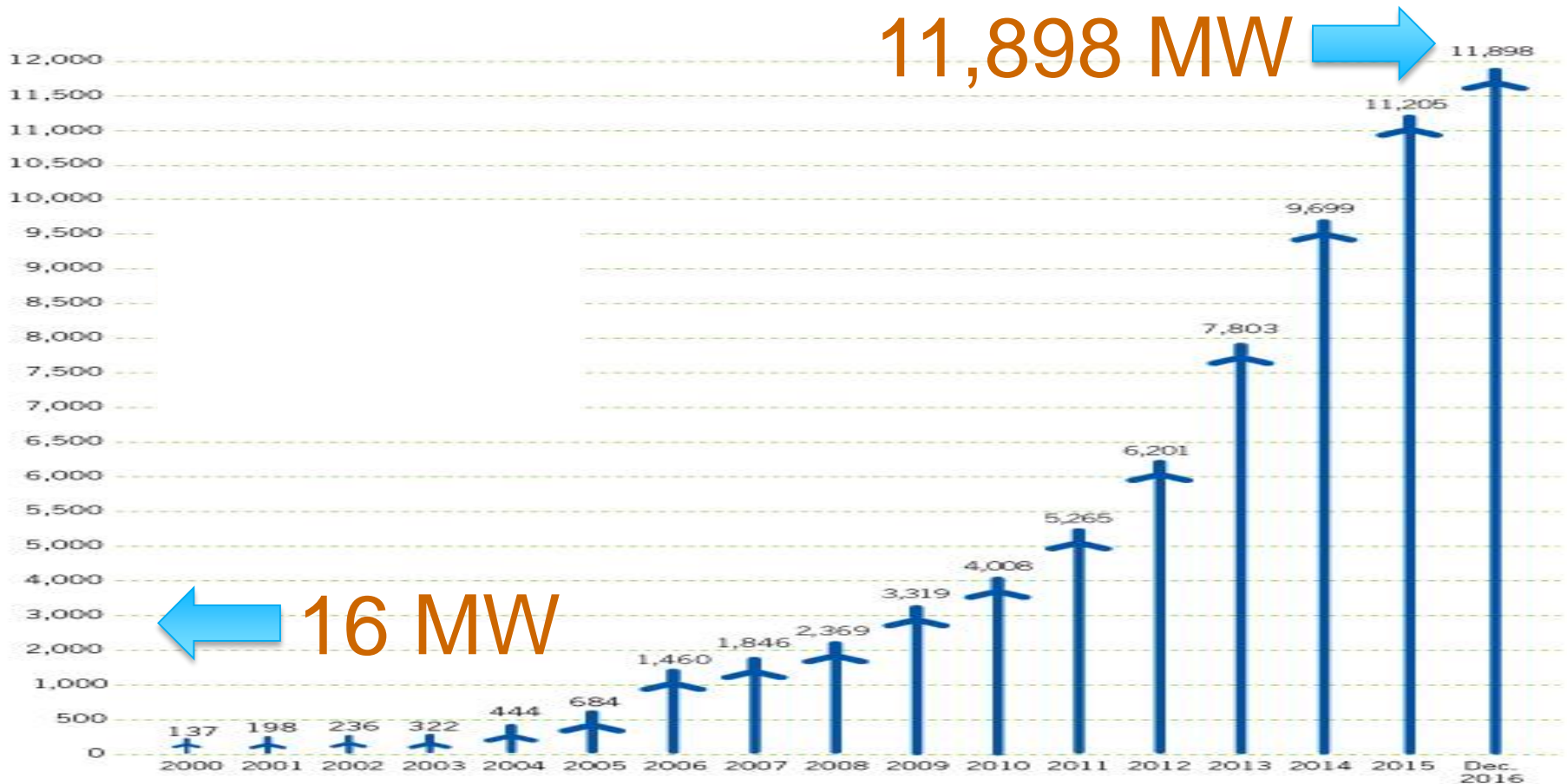
Best Practices for Indigenous and Public Engagement

This best practice guide outlines practices and procedures to facilitate the responsible and sustainable development of wind energy in Canada.





Installed Wind Energy Capacity 2000-2016



Wind energy in Canada



Canada is a global leader in wind energy

11,898 MW total installed wind energy capacity in Canada...
enough to power over

3 million homes

That's 6% of Canada's electricity demand!

8th in the world

for installed capacity



#1 new source of electricity: WIND ENERGY

Largest source of new electricity generation in Canada for 11 years

That's 6% of Canada's electricity demand!

6,288

Number of grid-connected turbines in Canada

18%

5 year annual growth rate of wind energy in Canada (1,327 MW/year)



66%

Rate of decline of wind energy costs since 2009



Wind energy in Canada



Canada is a global leader in wind energy

What will it be like in 2050?



Where the Wind Blows



Top Four Lessons Learned About Engagement

1. Social license is necessary, it benefits all parties and it must be earned
2. We must know our stakeholders, our communities and their interests
3. Be sensitive to the distinct nature of engagement with Indigenous communities
4. Start early, keep going and make it meaningful



1. Social license is necessary, it benefits all parties and it must be earned

“ I am honored to have been involved in such a monumental project. To see all of the wind turbines across our beautiful countryside is truly remarkable. I think the Blackspring Ridge Wind Farm shows the world the huge opportunities for untapped renewable energy in southern Alberta. The community of Carmangay is proud to be part of this project, helping to reduce our carbon footprint and offering renewable energy for generations to come. ”

Mayor Kym Nichols, Village of Carmangay



2. We must know our stakeholders, our communities and their interests



3. Be sensitive to the distinct nature of engagement with Indigenous communities



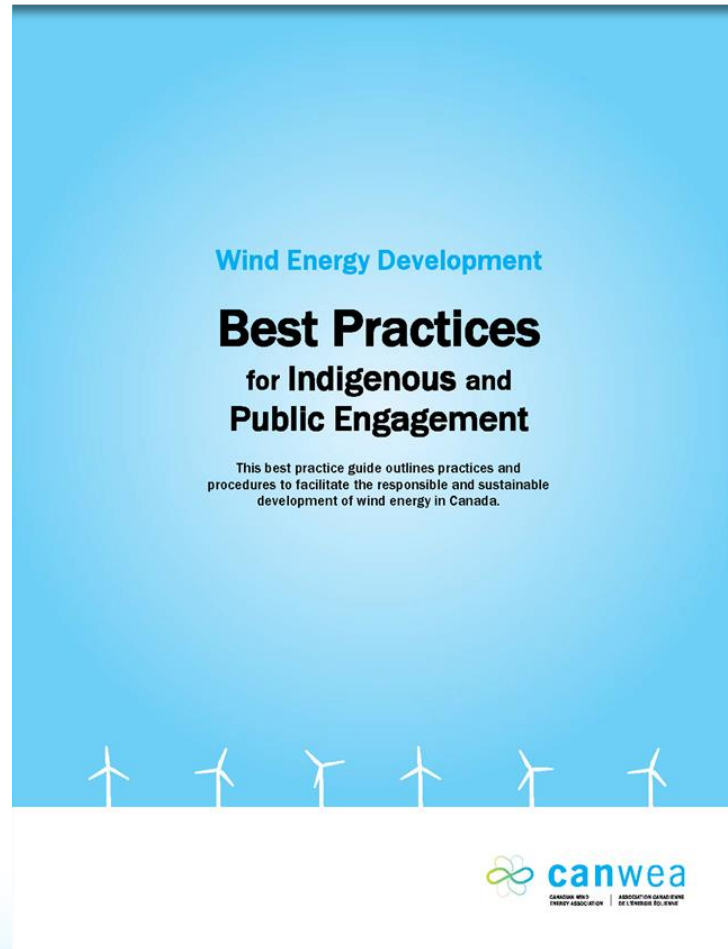
4. Start early, keep going and make it meaningful



Planning – Siting – Construction – Commissioning
– Operating – Repowering/Decommissioning



What must be our *Next* Practices?



Opportunities and Challenges

- Challenges: need to address challenges at the community level, recognize scope/responsibility well beyond proponents; conflict of values between environment vs economy; lack of on-going strategic public communications to engage Canadians in the energy conversation
- Opportunities: global action is making transition technology affordable and reliable; there is growing awareness that public confidence is part of the equation and a shared responsibility

