

The Manitoba Community Power Program

Developing Renewable Energy for Manitobans

Elton Energy Coop
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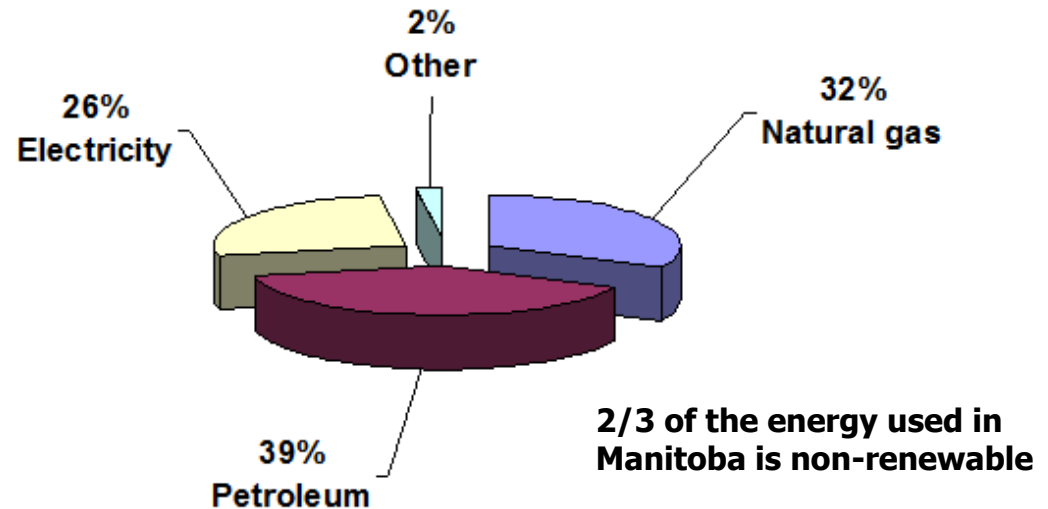
What is a Community Power Program (CPP)?

An innovative **community economic development tool** that **enables** Manitobans to **invest in community owned renewable energy projects anywhere in Manitoba**



Why a Community Power Program?

- As energy prices increase, we lose significant wealth
- How do we maintain our high standard of living in the long term?



2/3 of the energy used in Manitoba is non-renewable

\$3 billion/year leaves Manitoba to pay for non-renewable energy



Benefits of a Community Power Program

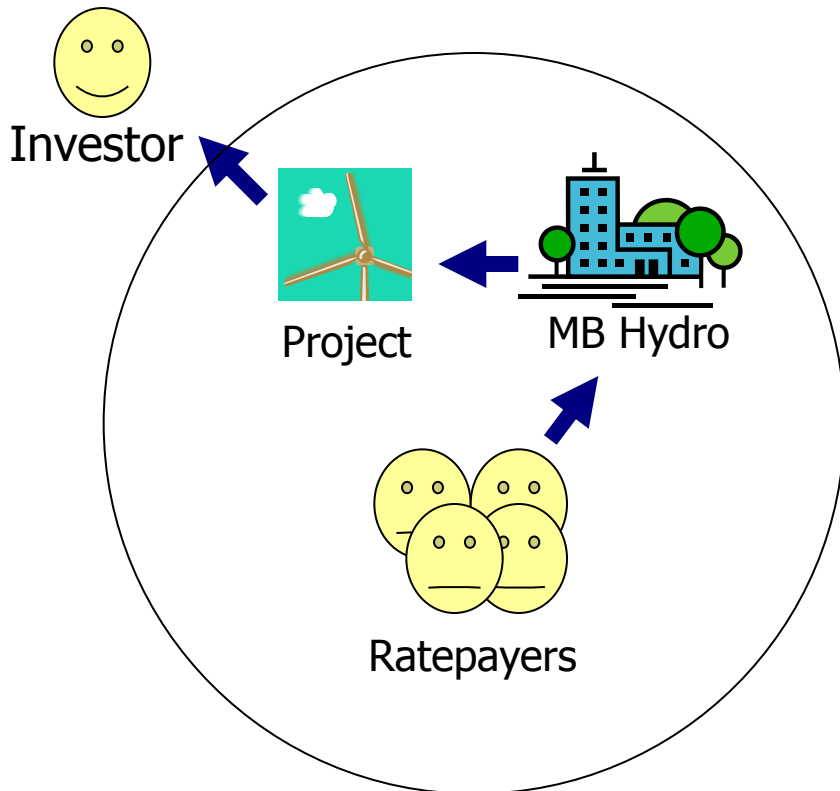
1. Directly increases investment in Manitoba's rural communities, and therefore proportionally **reduces "economic leakage"**
2. **Connects Manitoba communities to our energy use**, which is increasingly important for informed decision-making and participation in an energy-constrained world
3. **Strengthening Manitoba Hydro**, giving it the ability to work with communities on energy needs for the 21st century



Advantages of Community Power Over the Out-of-Area Investor Model

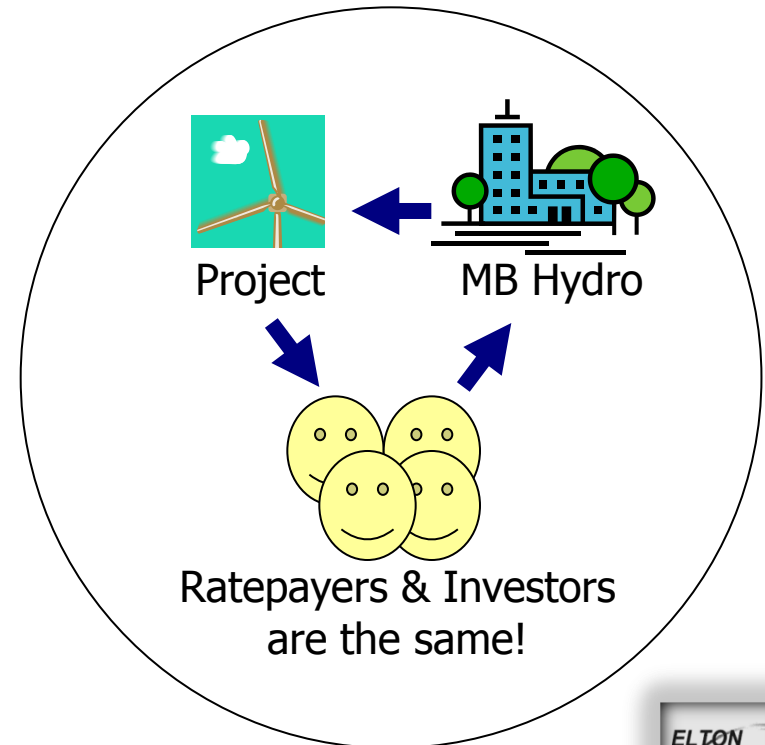
Conventional Model

- Investors are from outside rural Manitoba
- Profits leave rural Manitoba

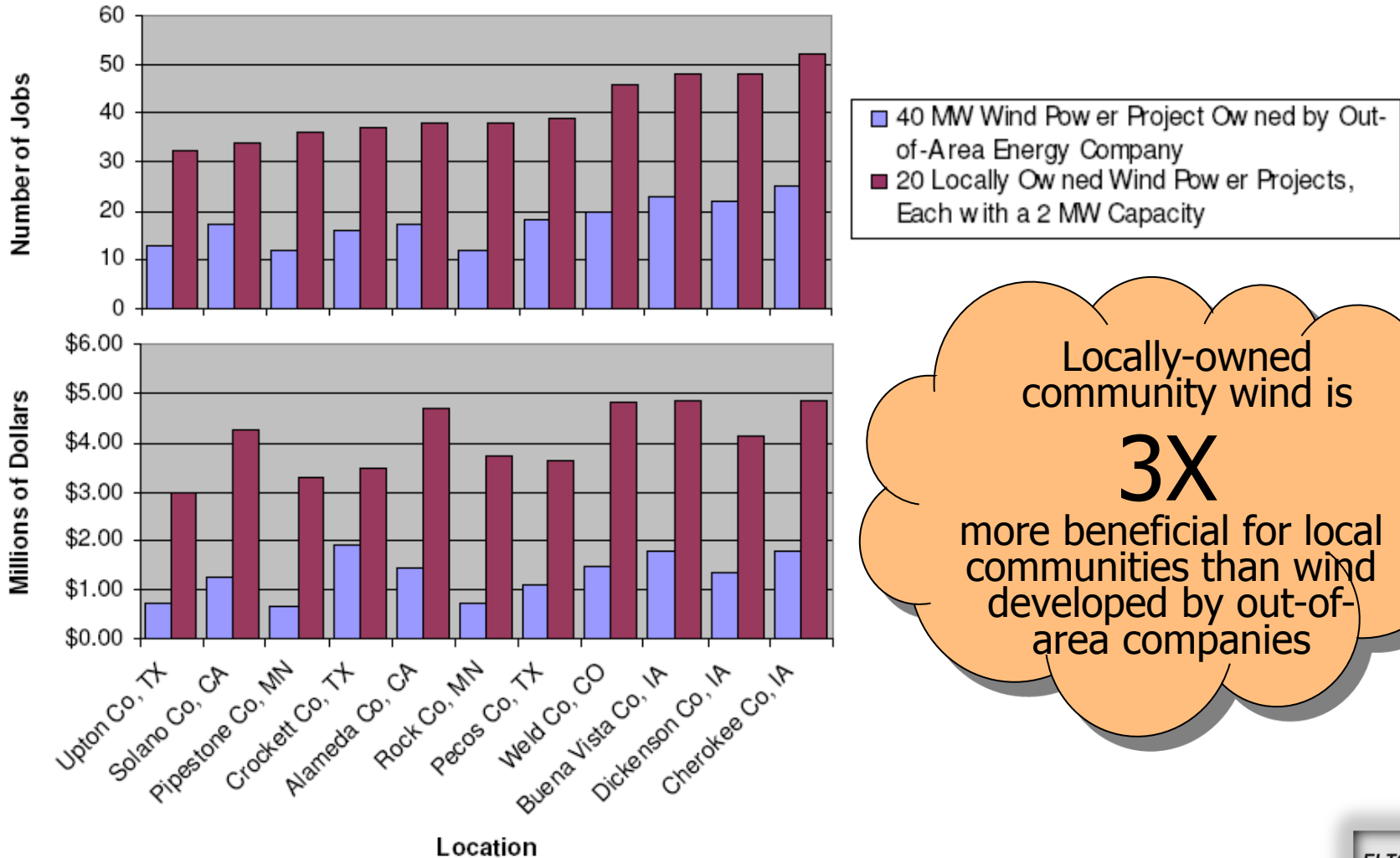


Community Model

- Investors are from inside rural Manitoba
- Profits stay in rural Manitoba



Advantages of Community Power Over the Out-of-Area Investor Model



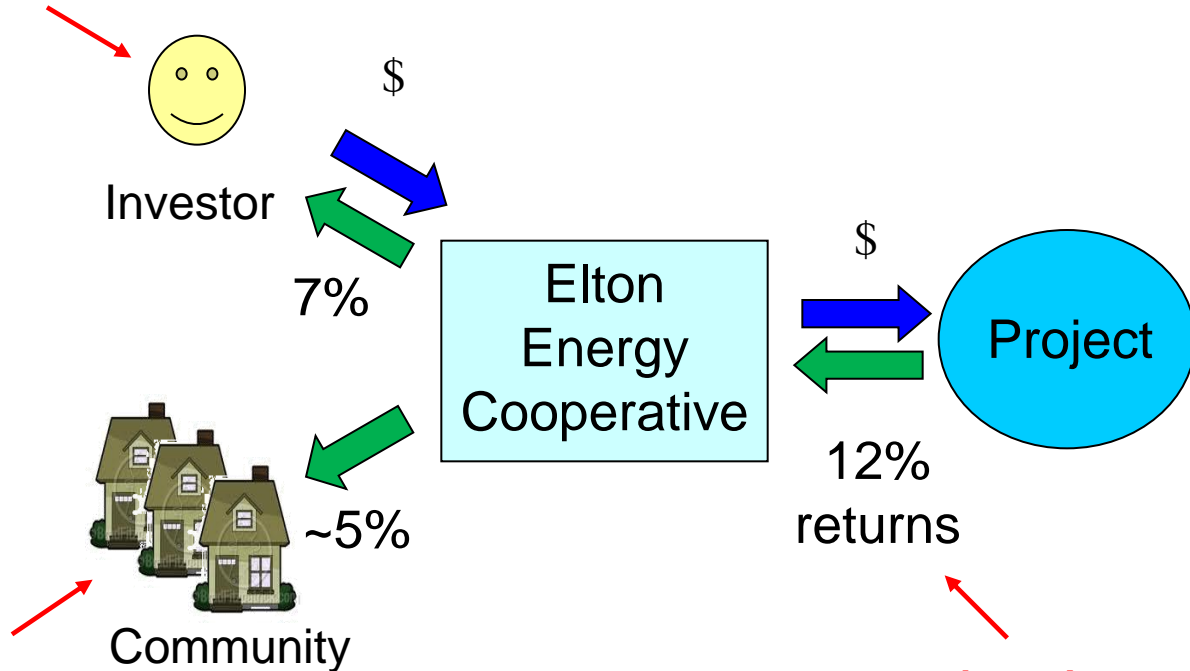
Locally-owned community wind is **3X** more beneficial for local communities than wind developed by out-of-area companies

Source: US General Accounting Office: "Wind Power's Contribution to Electric Power Generation and Impact on Farms and Rural Communities", 2004



Targeted Financial Returns

The Investor lives anywhere in Manitoba



The "Community" is defined by the location of the Investor, not the location of the project

The project targets 12% returns

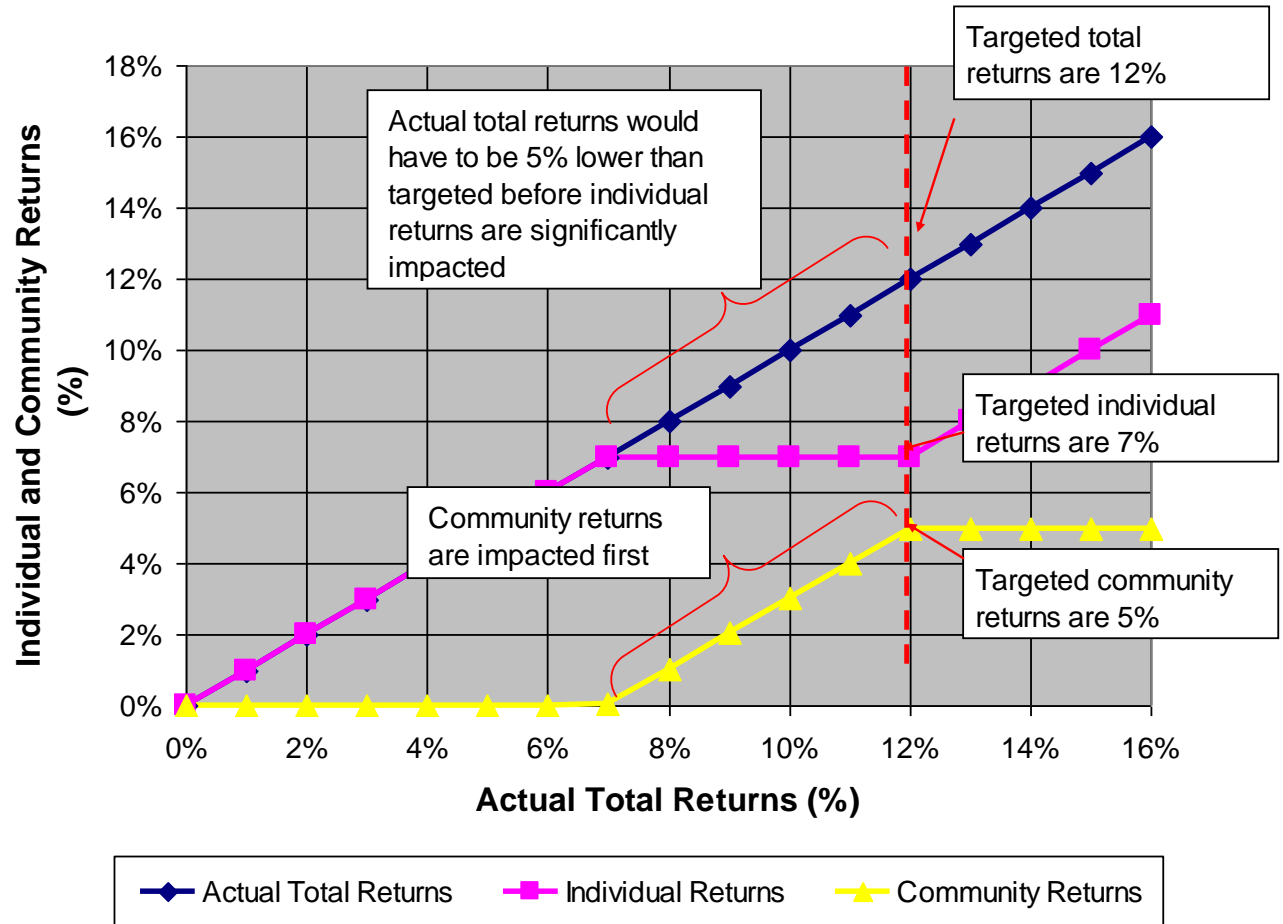
Creates a stable funding source for investors and communities



RM of Elton Example Returns

- 200 people from the RM of Elton invest \$2,500 each (\$500,000 total)
- Targeted returns to the 200 individuals would be \$35,000 (7%) = \$175/yr each
- Targeted returns to the community would be \$25,000/yr (5%)

How Actual Total Returns Impact Individual Returns and Community Returns



A Sustainable Development Model

- Economic, Environmental/Ecological, Social/Cultural



❖ **Economic Leg** (*Financial Capital, Economic Security and Infrastructure*)

Good Jobs - Fair wages - Responsible Business - Local jobs

❖ **Environmental Leg:** (*Natural Capital – Ecological Integrity*)

Eco-Efficiencies - Eco Effectiveness - 0 Waste- Restorative – Air – Land- Water-

❖ **Social**

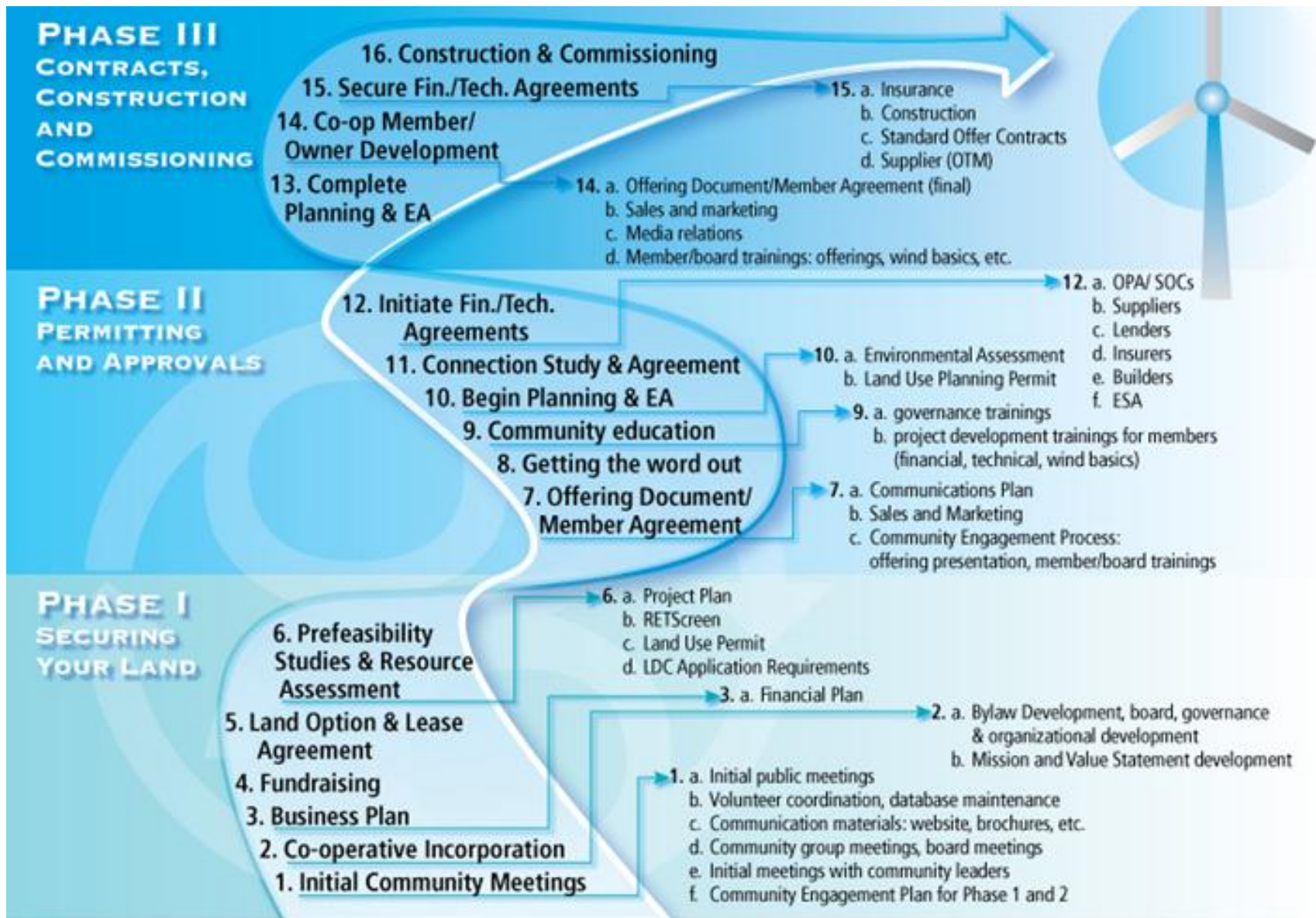
Capturing Community Energy

How the **renewable energy sector is developed** has **long-term** impacts for **economic development** in the province

Let's create an energy future that's **sustainable and beneficial to Manitoba**

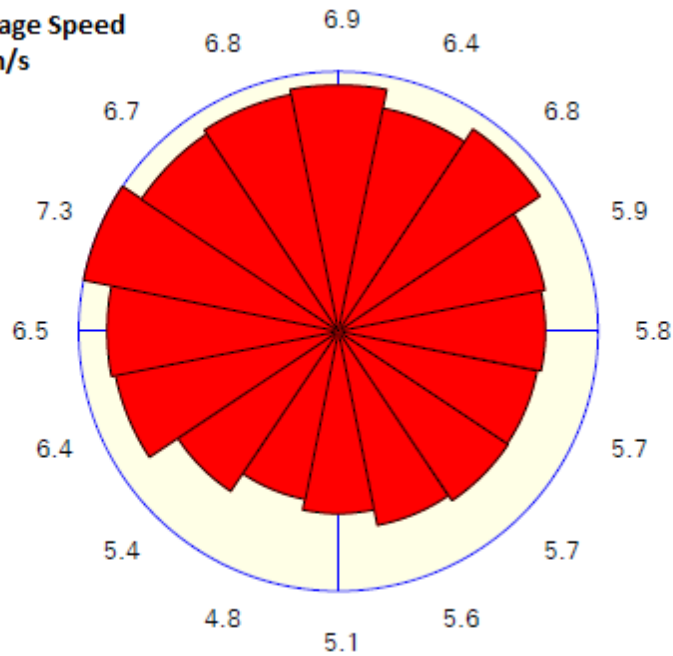


Project Phases

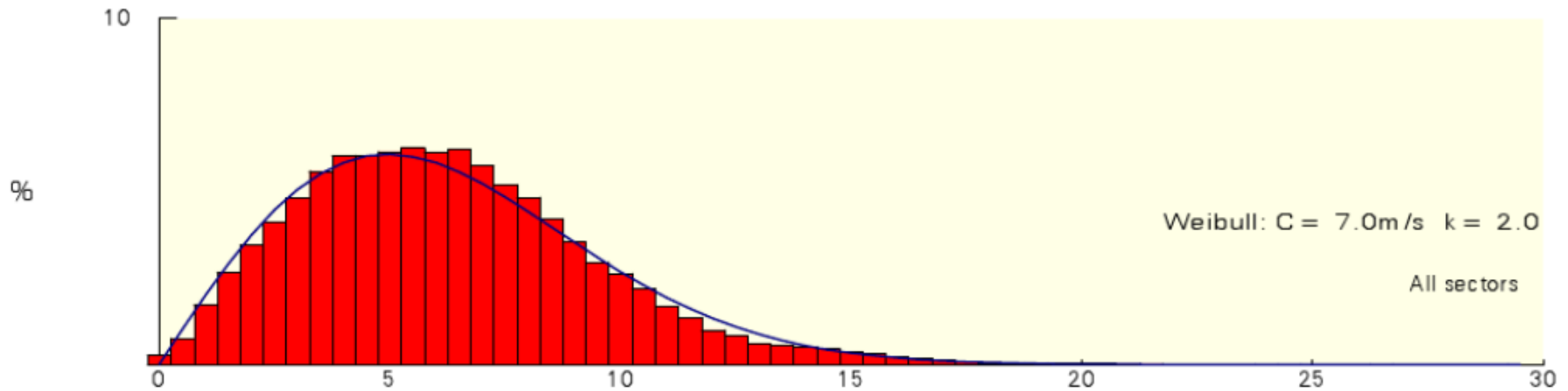
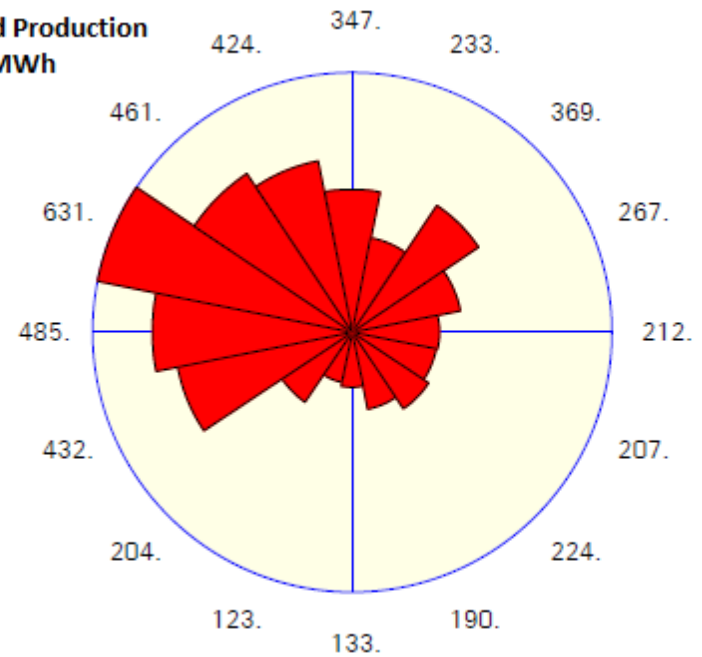


Wind Study Results

Average Speed
6.4 m/s



Period Production
5170 MWh



Thank You

