



TRANSITIONING TO

100 PERCENT RENEWABLE ENERGY

BY 2050



The West Kootenays can be the largest region in North America to phase out fossil fuels and transition to 100% renewable energy.

EcoSociety works with residents, businesses, local governments and other key stakeholders to make the commitment to 100% renewable energy.

We are working with local governments to build a transition plan due out in 2020.

We're winning. So far, Slocan, Nelson, Rossland, New Denver, Silvertown, Castlegar and the Regional District of Central Kootenay have all said yes to 100% renewable energy.



WEST KOOTENAY  
ECOSOCIETY

# TO AVOID THE CLIMATE CRISIS, WE HAVE TO DO OUR PART

## TO PREVENT THE WORST

impacts of climate change like drought, floods, landslides and wildfires, we need West Kootenay communities to phase out fossil fuels and be using 100% renewable energy by 2050.

This transition must also support low-income people and families, provide justice and reconciliation for Indigenous Peoples and retrain workers from the fossil fuel industry to green careers.

Together we can achieve 100% renewable energy.

### **100% Renewable Kootenays sounds great, but what does it mean?**

It means that by 2050 our region will be carbon neutral with any remaining energy use 100% renewable energy. A stronger economy with greener careers works with healthy and safe communities.

### **It means we'll save energy.**

Let's start with energy efficiency. Reduce your energy use by improving your home and work building's efficiency and supporting a better BC building code. Being energy efficient saves money for your home and business.

### **It means transportation will move forward.**

Use public transit, bike, walk, carpool and car share. Electric vehicles are continuing to become more affordable. The existing charging network across the region will expand to electrified public transit, commercial vehicles and more selection of personal vehicles to connect communities.

### **Heating and cooling will be what's hot and what's cool in 2050**

Transition to electric or biomass heating, electric heat pumps, and geothermal energy.

Homes, schools and businesses will keep warm in the winter and cool in the summer without using oil.

### **Electricity will be shockingly efficient.**

100% renewable energy generation is from renewable sources. Your community will be powered by a mix of solar, biomass and hydro power without nuclear, coal or building more mega-dams.

## HOW CAN YOU BE PART OF THE SOLUTION?

You can help the Kootenays transition to 100% renewable energy! Here's how to get involved:

- Sign the petition at [renewablekootenays.ca](https://renewablekootenays.ca)
- Volunteer
- Donate

# THE GREEN ECONOMY IS OUR FUTURE

## GREEN JOBS AND CLEAN ENERGY JOBS

Careers in green and clean energy are already growing faster than any other sector in the country.

Innovation and a commitment to green jobs will strengthen our economy and create a just transition for workers. Governments will set aside taxes on fossil fuels to invest in the green local economy.

### Green jobs are sustainable jobs.

- There will be increased need for jobs related to energy retrofits, installations and maintenance as well as renewable project installations.
- More businesses will be selling these products
- There will be training opportunities to teach these trades

A change to 100% renewable energy will create healthy and safe communities.

- Cleaner air, water & environment equals a healthier population
- Healthy economies
- Safer from flood, fire, weather events & pollution
- Resilient communities and populations

### Communities that have made these changes have already seen these benefits.

### What's Next

Working together and building on each community's strengths, we can create a cohesive regional transition plan that encompasses all West Kootenay communities.

EcoSociety is facilitating making this plan with local governments who have already signed on.

### Join the Team

Tell your friends, neighbours and coworkers why we need to transition to 100% renewable energy. EcoSociety is committed to organizing teams of volunteers to connect you with your community and support local climate leadership.

You can join the EcoSociety and ask your local government to commit to 100% renewable energy through collaboration and policy change.

Our local elected leaders need to know that they have community support to invest staff time and funds into creating and implementing a 100% renewable energy transition plan.

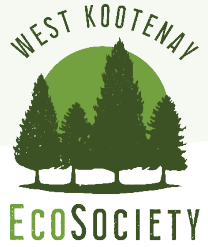
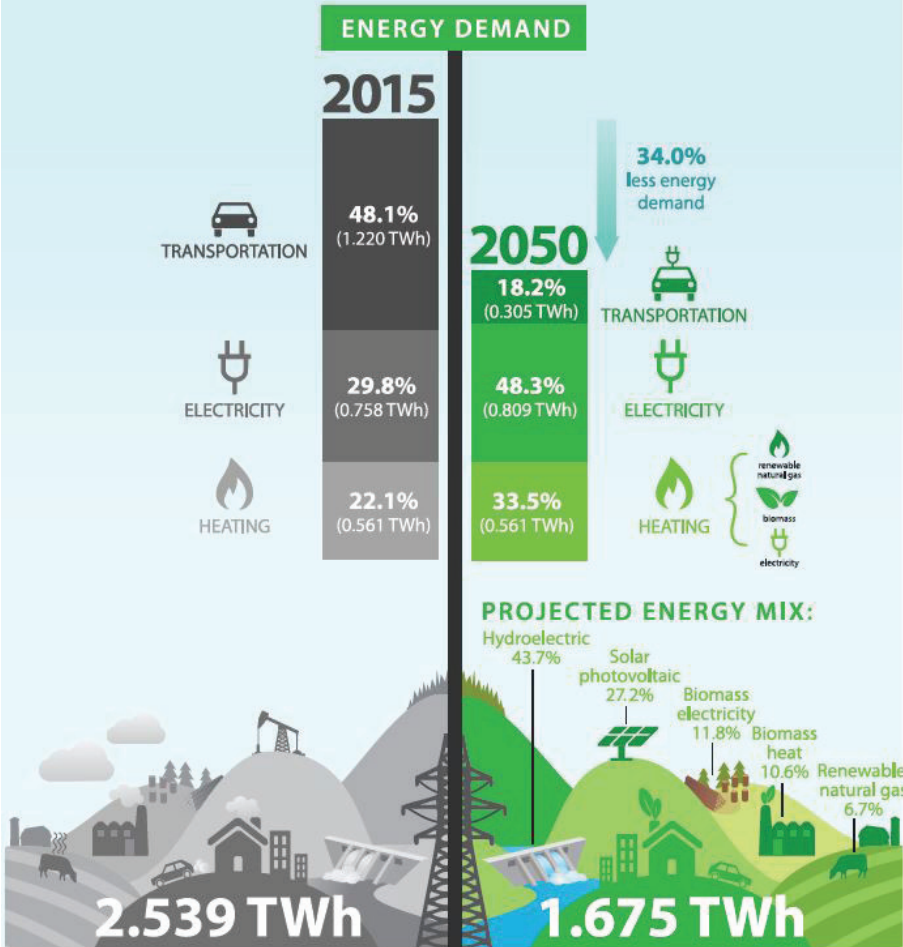
If your local government has already made the commitment, you can help keep them on task by asking about their progress and encouraging them to take action.

# 100 PERCENT POSSIBLE!

## Renewable Energy in the Kootenays

### A 100% Renewable Energy Scenario

A vision for transitioning to 100% renewable energy in the West Kootenays by 2050. This scenario is based on existing energy consumption and forecasts for the residential and commercial sector (buildings and transportation) as well as current renewable energy technologies.



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