



# The Future of Wind for the Arctic

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# EWT project examples around the world



Hybrid grid solutions  
- Alaska



Local industrial  
energy - UK



Wind Farms in China



Remote community -  
US



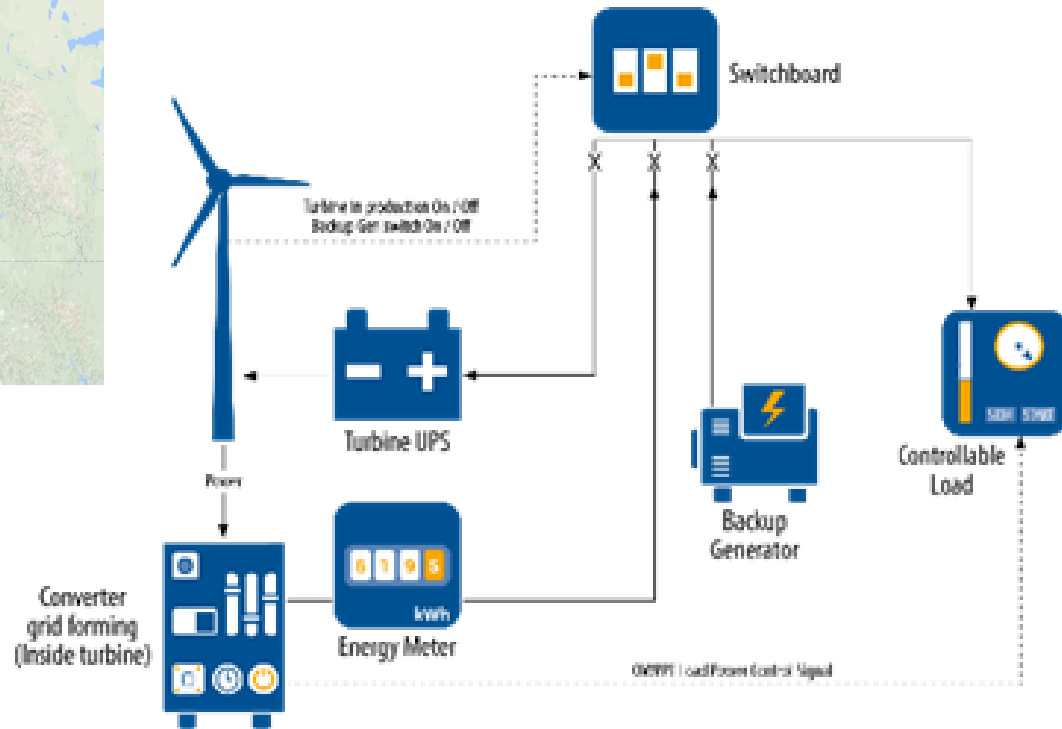
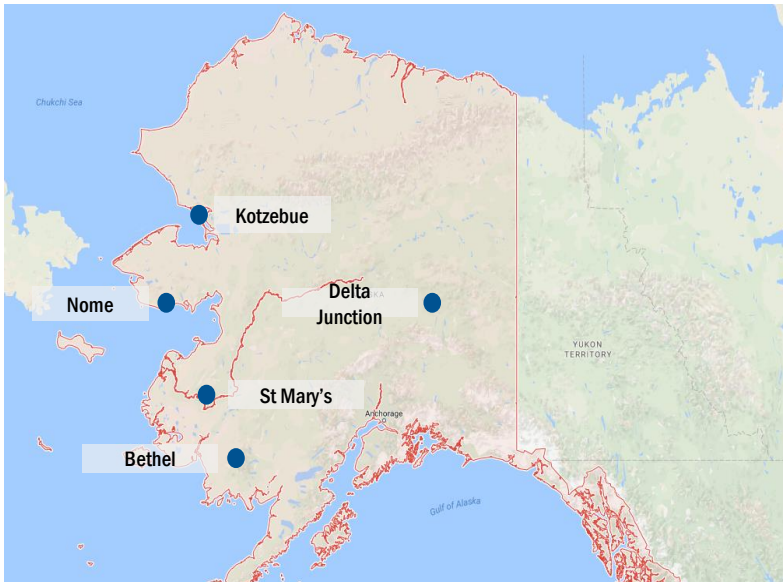
Repowering -  
Northern Ireland



Self consumption -  
Turkey



# Hybrid wind/diesel power station in Alaska



# Turbine installation in a challenging environment



# Alaska installation

- Two 900 kW turbines

## Interconnection

- Grid connection for 3 villages.
- Connecting in total 337 households / 1,495 population

## Objectives

- Replace ~206,000 gallons fuel/year
- Eliminate roughly 2,100 Metric tons of CO<sub>2</sub>/year
- Saving more then € 650.000,- per year
- Reduce risk of environmental damage





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