Good for the Economy. Good for the Environment.

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What I’ll Cover Today

• What is E2?

• Two recent E2 research projects:
  • Clean Jobs Midwest
  • Michigan Clean Energy Map

• Advocacy Work in Michigan
• How to get involved!
What is E2?

We advocate for policies that are **good for the economy** and good for the environment.
122,264

Clean Energy Jobs in Michigan

Michigan leads the Midwest in clean energy jobs and is fifth in the nation
SECTOR BREAKDOWN

Fig. 1:
Clean Energy Technology Sectors, 2017

- **68.70%** (84,052 jobs)
- **17.80%** (21,816 jobs)
- **9.20%** (11,207 jobs)
- **3.80%** (4,629 jobs)
- **0.50%** (560 jobs)
Major Takeaways from Clean Jobs Midwest

• Michigan leads the Midwest with 122,264 clean energy jobs

• Every Michigan county has residents working in clean energy

• Clean energy employs 9X more Michigan residents than fossil fuels

• Like other Midwestern states, Michigan’s alternative transportation jobs experienced a decline – a big reason why overall clean energy jobs in the state fell 5.7 percent.
Map #1: Clean Energy Businesses
Map #2: Renewable Energy Infrastructure

- **Solar Farm (MW):**
  - ≤1.0
  - ≤2.0
  - ≤3.0
  - ≤4.6
  - ≤20.4

- **Wind Farm (MW):**
  - ≤17.1
  - ≤22.0
  - ≤31.6
  - ≤120.0
  - ≤162.0

- **Schools with Solar Energy Generation (KW):**
  - ≤1
  - ≤5
  - ≤12
  - ≤20
  - ≤101

- **Planned Clean Energy Farms:**
  - Solar
  - Wind Turbine

- **Electric Vehicle Stations:**
  - Public
  - Public Planned

- **Clean Energy Generating Capacity Total, by County:**
  - 0 – 1
  - > 1 – 20
  - > 20 – 40
  - > 40 – 90
  - > 90 – 300
  - > 300 – 771
Map #3: Renewable Energy Potential

MI Wind Potential (Wind Power Class)
- Poor
- Moderate
- Fair
- Good
- Outstanding

MI Solar Potential (Direct Normal Irradiance)
- Low
- Moderate
- Good
- Better
- Best
Major Takeaways from Clean Energy Maps

- There are over 1,200 businesses displayed in the map, which includes energy efficiency contractors and renewable energy (solar, wind, and geothermal) installers, covering all 38 state senate districts and all 110 state house districts.

- Approximately 75 percent of the state has potential for either wind, solar or geothermal power.

- 32 counties already have large-scale renewable energy projects, which many more projects in the queue waiting to be built
Advocacy Opportunities

**Clean Energy** – Increase renewables and energy efficiency

**Clean Water** – Implementation of the Lead and Copper Rule, Lead in Schools

**Defending against Federal Rollbacks** – Protect Fuel Economy Standards and Energy Efficiency Tax Deductions
CleanJobsCount.org

How many clean jobs are in the U.S.?

3,176,839

Each day, more than 3 million Americans wake up and get to work building our clean energy economy.

Clean jobs are driving our economy. Join business leaders, investors and workers to tell leaders you want more clean jobs.

These workers install solar panels atop our homes and commercial buildings; manufacture wind turbines and reduce wasted energy by making our homes schools and offices more energy efficient. And they now work in every zip code in the country.

ACROSS THE COUNTRY

IN YOUR STATE
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