What is Ready for 100?

ReadyFor100 is a movement of your neighbors working to create a vision of a healthier community powered by 100% clean energy. Together we are calling on our local elected officials to commit to a long-term, ambitious 100% clean energy goal, and then back it up with measurable plans and near-term actions.

PA cities and towns are hubs for innovation and have been leading the way on climate, through the Mayor's Climate Compact and local sustainability plans. We know that 100% clean energy is the new standard for local climate protection.

We are asking township supervisors, mayors, CEOs, pastors, principals, civic and community leaders, parents and students to commit to solutions that help us achieve 100% clean, renewable energy across Pennsylvania by the year 2050.

Sierra Club Ready for 100
http://www.sierraclub.org/ready-for-100

SIERRA CLUB

Why do we need local renewable energy now?

Because we want everyone to have access to affordable, clean energy. Across the nation, people in both red states and blue states are realizing that modernizing our cities with 100% clean renewable energy will help create jobs and boost local economies. Cities like Aspen, CO, Georgetown, TX, and Burlington, VT, have already achieved 100% clean energy.

A recent economic study estimated that a transition to clean energy will add 1 million jobs in the U.S. by 2030 and increase household disposable income by $350-$400 in 2030 and by as much as $650 in 2050.

It's time for our local communities to step up to the plate. We too deserve clean air, good jobs, and strong leadership.

AND because we now have a safer alternative - cleaner, cheaper, healthier energy is here! The renewable energy sector is booming. Wind power generation has more than doubled in the past four years. Solar power generation has increased by a factor of five, making solar one of the fastest-growing industries in America, and *the* fastest-growing industry in the world! And the prices have rapidly declined for both wind and solar over the past six years. Which means that supporting clean energy is not just about leadership, it's also about supporting our local economies, jobs, and the health of our communities.

What has been achieved in the country?

5 Cities have achieved 100% Renewable Energy

Committed to 100% Renewable Energy
1 State (Hawaii)
6 Counties
51 Cities including:

　Downingtown - electricity by 2035, 2050
　Phoenixville - electricity by 2035, 2050
　West Chester - electricity by 2035, 2050

188 Mayors have signed on including:

　Mayor Ed Pawlowski, Allentown,
　Mayor Brian Wenzka, Atglen, PA
　Mayor Robert J. Donchez, Bethlehem, PA
　Mayor Timothy A. Scott, Carlisle, PA
　Mayor Greg Ross, Cooper City, PA
　Mayor Matthew Fetick, Kennett Square, PA
　Mayor Jim Kenney, Philadelphia, PA
　Mayor Michael J. Speck, Phoenixville, PA
　Mayor Bill Peduto, Pittsburgh, PA
　Mayor Tim Kearney, Swarthmore, PA
　Mayor Jordan Norley, West Chester, PA
　Mayor Josh Maxwell, Downingtown, PA

A 100% goal is achieved when the amount of energy generated from renewable energy sources in the city (or brought into it) equals (or exceeds) 100% of the annual energy consumed within that city. Many cities start by shifting their electricity to 100% renewable.

What we do in Pennsylvania matters! Our state emits 1% of the world's greenhouse gases [1], yet we represent only .0008 of world's land mass, which is more than 105 developing nations combined. [2]

A "Ready for 100" community is a township, borough or city that has made a public commitment to reach 100% clean energy by 2050 (or sooner), thus doing our fair share to help achieve a stable climate.

[1] http://www.post-gazette.com/local/region/2014/05/06/National-climate-report-forecasts-floods-extreme-heat-for-region/stories/201405060181

[2] Environment News Service. July 3, 2008.

WHAT CAN I DO TO HELP?

This moment in history—our moment—is a critical turning point. We must accelerate the transition from dirty fuels like coal and gas to clean energy sources like solar and wind to ensure climate recovery and fully realize the benefits of economic transition. Just as we switched from horses to cars, telegrams to telephones, typewriters to computers, and postal mail to email, we must now commit to switch from dirty fuels to clean energy.

It will require your voice and the voices of people all across our state to declare that we are #ReadyFor100.

Are you ready for 100% clean energy for ALL? Contact the Sierra Club to learn how to start a campaign in your community and galvanize support for local control of our clean energy future.   Readyfor100.org

Visit our local project web site:

www.sierraclub.org/pennsylvania/southeastern/ready-for-100

Readyfor100.org/montcopa

Readyfor100.org/chescopa

Readyfor100.org/philly

Read our blog to see what's new with RF100:

http://www.sierraclub.org/compass/

The benefits of clean energy are clear:

Clean energy saves money: Stanford scientists say the transition to 100% clean energy will save the average family over $200 dollars per year in energy costs and another $1,500 per year in health care costs.

Clean energy creates good-paying jobs: The solar industry already employs over 200,000 people, nearly twice as many people as the coal mining industry. And according to the recent Solar Jobs Census, solar jobs grew 12 times faster than the overall economy in 2015.

Clean energy protects our health and our climate:
NO air pollution
NO oil spills
NO gas leaks
NO water contamination

Major brands are also realizing that clean energy is not just the right thing to do, it's good business. Apple, Ikea, Starbucks, and others have already made strides to move their companies toward 100% clean energy plans.
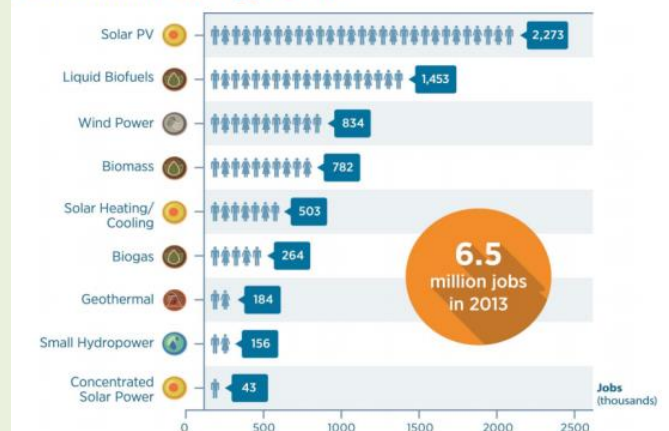
These Philadelphia-area companies have made a clean energy pledge:

- Amerisource Bergen
- Comcast
- Aramark
- Lincoln National
- Crown Holdings
- Universal Health Services
- UGI

Source:

http://www.phillymag.com/business/2015/06/05/philly-companies-fortune-500/#

Graph courtesy of
http://www.renewableenergyworld.com/ugc/articles/2014/11/from-survival-to-political-stability-to-clean-air-renewable-energy-helps-in-so-many-ways.html